Content

Executive Summary

Introduction

After conducting several successful client meetings with the Western Pennsylvania Diversity Initiative, the team believes the project is progressing rather smoothly. The last few meetings have allowed the team to further understand what the WPDI wants and more importantly what they need to reach the objectives that are specified in their mission statement. This phase report includes information regarding the structure and components of the website. All of the documents for this phase have been reviewed multiple times to ensure that the wireframes, graphical user interface, use case narratives, database model, class structure, and the test cases will be a reliable guide for future phases. The majority of the team has been working around the clock to provide a stable environment in which the project will become complete.

Project Scope & Feasibility

A major obstacle that was expected to hinder the project progress was an unreasonable time frame to complete the many features that the WPDI had initially wanted to include in the site. The team and the WPDI were able to agree on a few essential features that were feasible to create within the time constraints. After that complication was handled, a new problem arose. The team members were expected to dedicate at least fifty-six hours per week towards the project. Instead, some team members refused to dedicate a quarter of the required input time. This lack of participation has forced other team members to, once again, sacrifice their time so that they can pick up the slack of others. Even though the progress is being made, it is at the expense of our most valuable team members. The strain of the extra work adds stress and produces a reduced quality of work. In addition, project tasks are being reassigned to team members who can be trusted to complete them. This has left some of the team members being less utilized because the team feels that they are unreliable.

Project Management

In Phase Two, the team members have dedicated approximately 166 hours designing and documenting all the elements of the expected web presence for Western Pennsylvania Diversity Initiative.
- Risk Assessment
  - **Worrisome Hardware Stability**: At anytime the team could be informed that the server, which is required to complete the project, is experiencing technical difficulties. There is no warning sign for this risk or solution. The team can only save backup copies as to avoid losing time in the event that this should happen.

- o **Miscommunication with the Client**: By keeping communication lines with the client open, reaching specified deadlines, and producing what the client needs, the team hopes to continue avoiding this risk.
- o **Limited Knowledge of Database Usage**: Due to the lack of programming experience, the team needs to realize when they need assistance to avoid failure in meeting project deadlines.
- o **Lack of Interaction between Software Personnel:** By keeping communication lines open, the team hopes to avoid errors in designing the software that will later affect how the software will be built.
- o **Team Conflict**: Some team members have not fulfilled their duties to the team and have remained defensive and uncooperative even after a diplomatic forum to discuss qualms about the project and team.

Conclusion

Phase Two was expected to flow much easier than Phase One. Although team involvement has improved slightly, Phase Two was not as smooth as it should have been. After concluding Phase One, the team discussed what did and did not work toward the project's progression. Unfortunately, many of the risks that the team tried to avoid were not overcome. Team members were still uncooperative and project tasks have been assigned and reassigned to other individuals. Even with these challenges, the team believes the project will still be able to move forward. There are still dedicated team members who are willing to complete what ever is necessary to see the project succeed.

Use Cases Narrative

General User - Use Cases Narrative

Use Case:	View Corporate Friend Information	A
Complexity:	Simple	
Primary Actor:	General User	
Pre-Condition:	User must be on the WPDI homepage.	
Post-Condition:	None	
Description:	User will be able to view a corporate friend's information.	
Basic Path:	1. On the homepage click the "Corporate Friends" tab. 2. Click the desired Corporation's name or logo. This will serve as a link. 3. The link will take you to the selected Corporation's website.	
Alternate Paths:	If the user is on any other page, the user can click the "Home" link which will lead them back to the homepage.	
Notes:		

Use Case:	Contact the WPDI	A
Complexity:	Simple	
Primary Actor:	General User	
Pre-Condition:	User must be on the WPDI homepage.	
Post-Condition:	None	
Description:	User will be able to contact members of the WPDI.	

Basic Path:	1. On the homepage click the "Contact the WPDI" tab. 2. The user will be prompted to enter an email address. 3. The user will ask a question or submit a comment in the provided text boxes. 4. The user will press the "submit" button. 5. The message is sent to the WPDI e-mail address.
Alternate Paths:	If the user is on any other page, the user can click a link that will lead them back to the homepage.
Notes:	

Use Case:	View Upcoming Events	A
Complexity:	Simple	
Primary Actor:	General User	
Pre-Condition:	User must be on the WPDI homepage.	
Post-Condition:	None	
Description:	User will be able to view the upcoming events in Pittsburgh, PA.	

Basic Path:	1. On the homepage, the Upcoming Event can be viewed. 2. To view more events, select the "Click here to view more events" link. 3. The new page shows some upcoming and past events
Alternate Paths:	If the user is on any other page, the user can click a link that will lead them back to the homepage.
Notes:	

Use Case:	Play Trivia Game	
Complexity:	Average	A
Primary Actor:	General User	
Pre-Condition:	User must be on the WPDI homepage.	
Post-Condition:	User should have the option to play the game again or continue to navigate through the website.	
Description:	User will be able to play a trivia game that includes fun facts about Pittsburgh.	
Basic Path:	1. The user must first position the cursor in the Trivia Game section of the homepage. 2. The user will view the question asked and can select an answer from the answer options by clicking the corresponding box. 3. The answer can be submitted by pressing the "Submit" button. 4. The user will be notified if the answer is correct. 5. If the answer is wrong, the correct answer will be given along with a funny comment. 6. The user will then select the "Try Again" tab to play the game again.	
Alternate Paths:	If the user is on any other page, the user can click a link that will lead them back to the homepage.	
Notes:		

Use Case:	View Diverse Communities	A
Complexity:	Simple	
Primary Actor:	General User	
Pre-Condition:	User must be on the WPDI homepage.
Post-Condition:	None
Description:	User will be able to view diverse communities inside of Pittsburgh.
Basic Path:	1. The user will click the "Living in Pittsburgh" tab. 2. The user will click the "Diverse Communities" link. 3. The "Diverse Communities" page is loaded. 4. The user will be able to view information about the different communities in Pittsburgh.
Alternate Paths:	If the user is on any other page, the user can click a link that will lead them back to the homepage.
Notes:	

Use Case:	View City Information	A
Complexity:	Simple	
Primary Actor:	General User	
Pre-Condition:	User must be on the WPDI homepage.	
Post-Condition:	None	
Description:	User will be able to view information that is relevant to Pittsburgh.	
Basic Path:	1. The user will click the "Pittsburgh Attractions" link. 2. The "Pittsburgh Attractions" page is loaded. 3. The user will be able to view information aimed at attracting diverse individuals to Pittsburgh.	
Alternate Paths:	If the user is on any other page, the user can click a link that will lead them back to the homepage.	
Notes:		

Use Case:	View the WPDI's History	A
Complexity:	Simple	
Primary Actor:	General User	
Pre-Condition:	User must be on the WPDI homepage.	
Post-Condition:	None	
Description:	User will be able to view the history of the WPDI.	
Basic Path:	1. The user will click the "Who is the WPDI" tab. 2. The "Who is the WPDI" page is loaded. 3. The user will be able to view the history of the WPDI.	
Alternate Paths:	If the user is on any other page, the user can click a link that will lead them back to the homepage.	
Notes:		

Use Case:	View Team's Story	A
Complexity:	Simple	
Primary Actor:	General User	
Pre-Condition:	User must be on the WPDI homepage.	
Post-Condition:	None	
Description:	User will be able to view the team's story on developing the website for the WPDI.	
Basic Path:	1. The user will click the "About the Team" link at the bottom of the homepage. 2. The user will be able to read about the process for developing the website for the "WPDI".	
Alternate Paths:	If the user is on any other page, the user can click a link that will lead them back to the homepage.	
Notes:		

Use Case:	Search Pittsburgh Jobs	A
Complexity:	Complex	
Primary Actor:	General User	
Pre-Condition:	User must be on the WPDI homepage.	
Post-Condition:	The user will be prompted to start a new search.	
Description:	User will be able to search for jobs in Pittsburgh.	
Basic Path:	1. The user will click the "Pittsburgh Attractions" tab. 2. The user will then click the "Search Pittsburgh Jobs" link. 3. The "Search Pittsburgh Jobs" page is loaded. 4. The user will enter the type of job they are searching for into the search box. 5. The user will click the "Search" button. 6. The page will display all jobs in Pittsburgh related to the search. 7. The user can select a specific job and the job title will link to more information.	
Alternate Paths:	If the user is on any other page, the user can click a link that will lead them back to the homepage.	
Notes:		

Human Resources - Use Cases Narrative

Use Case:	View Best Practices Documents	A
Complexity:	Simple	
Primary Actor:	Human Resources Professional	
Pre-Condition:	The Human Resources Professional has to be logged in to the system.	
Post-Condition:	None	
Description:	This use case describes how the Human Resources Professional will be able view all Best Practices Documents.	
Basic Path:	1. The use case begins when a Human Resources Professional selects to view the Best Practices Documents. 2. The Human Resources Professional will have the option to view other corporation's Best Practices Documents or to list their own Best Practices Documents.	
Alternate Paths:	If the server is unavailable, the HR Professional's system will display an error message to the HR Professional and the use case fails. If the database is unavailable, the system will display a page notifying the HR Professional that the site is down and will give instructions to try again later. Therefore, the use case fails.	
Notes:		

Use Case:	Post a Blog Entry	A
Complexity:	Simple	
Primary Actor:	Human Resources Professional	
Pre-Condition:	The Human Resources Professional has to be logged in to the system.	
Post-Condition:	None	
Description:	This use case describes how the Human Resources Professional will be able to post a blog entry.	
Basic Path:	1. The use case begins when a Human Resources Professional selects the blog functionality. 2. Select the "Post blog" tab. 3. Write the information in the provided text boxes. 4. Select the "Submit" button to post the entry.	
Alternate Paths:	If the server is unavailable, the HR Professional's system will display an error message to the HR Professional and the use case fails. If the database is unavailable, the system will display a page notifying the HR Professional that the site is down and will give instructions to try again later. Therefore, the use case fails.	
Notes:		

Use Case:	View a Blog Entry	A
Complexity:	Simple	
Primary Actor:	Human Resources Professional	
Pre-Condition:	The Human Resources Professional has to be logged in to the system.	
Post-Condition:	None	
Description:	This use case describes how the Human Resources Professional will be able to view existing blog post entries.	
Basic Path:	1. The use case begins when a Human Resources Professional selects the blog functionality. 2. In this mode the HR Professional can view a list of existing blog entries. 3. The HR Professional can choose to select a specific blog of interest and view the content.	
Alternate Paths:	If the server is unavailable, the HR Professional's system will display an error message to the HR Professional and the use case fails. If the database is unavailable, the system will display a page notifying the HR Professional that the site is down and will give instructions to try again later. Therefore, the use case fails.	
Notes:		

Use Case:	Comment on a Blog Entry	A

Complexity:	Simple
Primary Actor:	Human Resources Professional
Pre-Condition:	The Human Resources Professional has to be logged in to the system.
Post-Condition:	None
Description:	This use case describes how the Human Resources Professional will be able to view existing blog post entries.
Basic Path:	1. The use case begins when a Human Resources Professional selects the blog functionality. 2. In this mode the HR Professional can view a list of existing blog entries. 3. The HR Professional can choose to select a specific blog of interest. 4. The HR Professional can then click the "Write Comment" link and write a comment in the text box provided. 5. Click the "Submit" button to leave the comment on the page.
Alternate Paths:	If the server is unavailable, the HR Professional's system will display an error message to the HR Professional and the use case fails. If the database is unavailable, the system will display a page notifying the HR Professional that the site is down and will give instructions to try again later. Therefore, the use case fails.
Notes:	

Use Case:	Delete a Blog Entry

A

Complexity:	Simple
Primary Actor:	Human Resources Professional
Pre-Condition:	The Human Resources Professional has to be logged in to the system.
Post-Condition:	None
Description:	This use case describes how the Human Resources Professional will be able to delete a blog post entry.
Basic Path:	1. The use case begins when a Human Resources Professional selects the blog functionality. 2. In this mode the HR Professional will be able to delete any posted blog entry which they wrote personally.
Alternate Paths:	If the server is unavailable, the HR Professional's system will display an error message to the HR Professional and the use case fails. If the database is unavailable, the system will display a page notifying the HR Professional that the site is down and will give instructions to try again later. Therefore, the use case fails.
Notes:	

Administrator - Use Cases Narrative

Use Case:	Add Events	
Complexity:	Simple	A
Primary Actor:	Administrator	
Pre-Condition:	The administrator has to be logged in to the system. The administrator must be viewing the event directory.	
Post-Condition:	The "Event" will become active and will only be accessible from the administrator's view.	
Description:	This use case describes how an administrator would add a new event to the system.	
Basic Path:	1. The use case begins when the administrator selects the Event link. 2. This link opens a page which displays a data grid for the events. 3. Click the "Add" button at the bottom of data grid. 4. This will open a page which displays a form. The form has eight fields: Event, Start Date, Start Time, End Date, End Time, Display Date, Description, and Sponsor(s). 5. The administrator must add the information into the form. 6. The administrator must then click the "Ok" button to submit the event.	
Alternate Paths:	If the server is unavailable, the administrator's system will display an error message to the administrator and the use case fails. If the database is unavailable, the system will display a page notifying the administrator that the site is down and will give instructions to try again later. Therefore, the use case fails.	
Notes:		

Use Case:	Edit Events
Complexity:	Simple
Primary Actor:	Administrator
Pre-Condition:	The administrator has to be logged in to the system. The administrator must be viewing the event directory.
Post-Condition:	The "Event" will be edited and will only be accessible from the administrator's view.
Description:	This use case describes how an administrator would edit an existing event in the system.
Basic Path:	1. The use case begins when the administrator selects the Event link. 2. This link opens a page which displays a data grid for the events. 3. Click the Edit option (a pencil) on the right side of desired event in the data grid. 4. A form will be displayed with the information previously submitted for that particular event 5. The administrator can make adjustments to the form and submit the changes.
Alternate Paths:	If the server is unavailable, the administrator's system will display an error message to the administrator and the use case fails. If the database is unavailable, the system will display a page notifying the administrator that the site is down and will give instructions to try again later. Therefore, the use case fails.
Notes:	

A

Use Case:	Remove Events	A
Complexity:	Simple	
Primary Actor:	Administrator	
Pre-Condition:	The administrator has to be logged in to the system. The administrator must be viewing the event directory.	
Post-Condition:	The "Event" will become inactive and will only be accessible from the administrator's view.	
Description:	This use case describes how an administrator would remove an existing event.	
Basic Path:	1. The use case begins when the administrator selects the Event link. 2. This link opens a page which displays a data grid for the events. 3. Click the Delete option (a red "X") on the right side of the desired event in the data grid. 4. The system will display a message asking the administrator if they are sure they want to delete the event 5. Click "Yes" and the event will be deleted from the data grid.	
Alternate Paths:	If the server is unavailable, the administrator's system will display an error message to the administrator and the use case fails. If the database is unavailable, the system will display a page notifying the administrator that the site is down and will give instructions to try again later. Therefore, the use case fails.	
Notes:		

Use Case:	Add Best Practices Documents	A
Complexity:	Simple	
Primary Actor:	Administrator	
Pre-Condition:	The administrator has to be logged in to the system. The administrator must be viewing the Best Practices directory.	
Post-Condition:	The "Best Practices Document" will become active and will only be accessible from the administrator's view.	
Description:	This use case describes how an administrator would add a new Best Practices Document to the system.	
Basic Path:	1. The use case begins when the administrator selects the Best Practices link. 2. This link opens a page which displays a data grid for the Best Practices Documents. 3. Click the "Add" button at the bottom of data grid. 4. This will open a page which displays a form. The form has three fields: Title, Browse/Select Document, and Active (check box). 5. The administrator must add the information into the form. 6. The administrator must then click the "Ok" button to submit the Best Practices Document.	
Alternate Paths:	If the server is unavailable, the administrator's system will display an error message to the administrator and the use case fails. If the database is unavailable, the system will display a page notifying the administrator that the site is down and will give instructions to try again later. Therefore, the use case fails.	
Notes:	By default the check box should be set to "On"	

Use Case:	Edit Best Practices Documents	A
Complexity:	Simple	
Primary Actor:	Administrator	
Pre-Condition:	The administrator has to be logged in to the system. The administrator must be viewing the Best Practices directory.	
Post-Condition:	The "Best Practices Document" will be edited and will only be accessible from the administrator's view.	
Description:	This use case describes how an administrator would edit an existing Best Practices Document in the system.	
Basic Path:	1. The use case begins when the administrator selects the Best Practices link. 2. This link opens a page which displays a data grid for the Best Practices Documents. 3. Click the Edit option (a pencil) on the right side of desired Best Practices Document in the data grid. 4. A form will be displayed with the information previously submitted for that particular Best Practices Document. 5. The administrator can make adjustments to the form and submit the changes.	
Alternate Paths:	If the server is unavailable, the administrator's system will display an error message to the administrator and the use case fails. If the database is unavailable, the system will display a page notifying the administrator that the site is down and will give instructions to try again later. Therefore, the use case fails.	
Notes:		

Use Case:	Remove Best Practices Documents	A
Complexity:	Simple	
Primary Actor:	Administrator	
Pre-Condition:	The administrator has to be logged in to the system. The administrator must be viewing the Best Practices directory.	
Post-Condition:	The "Best Practices Document" will become inactive and will only be accessible from the administrator's view.	
Description:	This use case describes how an administrator would remove an existing Best Practices Document.	

Basic Path:	1. The use case begins when the administrator selects the Best Practices link. 2. This link opens a page which displays a data grid for the Best Practices Documents. 3. Click the Delete option (a red "X") on the right side of the desired Best Practices Document in the data grid. 4. The system will display a message asking the administrator if they are sure they want to delete the Best Practices Document. 5. Click "Yes" and the Best Practices Document will be deleted from the data grid.
Alternate Paths:	If the server is unavailable, the administrator's system will display an error message to the administrator and the use case fails. If the database is unavailable, the system will display a page notifying the administrator that the site is down and will give instructions to try again later. Therefore, the use case fails.
Notes:	

Use Case:	Add Trivia Game Questions	A
Complexity:	Simple	
Primary Actor:	Administrator	
Pre-Condition:	The administrator has to be logged in to the system. The administrator must be viewing the Trivia Game directory.	
Post-Condition:	The "Trivia Game Question" will be added and will only be accessible from the administrator's view.	
Description:	This use case describes how an administrator would add a new trivia game question to the system.	

Basic Path:	1. The use case begins when the administrator selects the Trivia Game link.
	2. This link opens a page which displays a data grid for the Trivia Game.
	3. Click the "Add" button at the bottom of data grid.
	4. This will open a page which displays a form. The form has five fields: Question Text, Image, Feedback: Right, Feedback: Wrong, # of Answers.
	5. System generates a new page of answer forms which has a text box for answer text and a radio button by each answer to indicate whether it is the correct answer.
	6. The administrator must add the information into the form.
	7. The administrator must then click the "Ok" button to submit the Trivia Game information.
Alternate Paths:	
	If the server is unavailable, the administrator's system will display an error message to the administrator and the use case fails.
	If the database is unavailable, the system will display a page notifying the administrator that the site is down and will give instructions to try again later. Therefore, the use case fails.
Notes:	

Use Case:	Edit Trivia Game Questions	A
Complexity:	Simple	
Primary Actor:	Administrator	
Pre-Condition:	The administrator has to be logged in to the system. The administrator must be viewing the Trivia Game directory.	
Post-Condition:	The "Trivia Game Question" will be edited and will only be accessible from the administrator's view.	
Description:	This use case describes how an administrator would edit an existing trivia game question in the system.	
Basic Path:	1. The use case begins when the administrator selects the Trivia Game link. 2. This link opens a page which displays a data grid for the Trivia Game. 3. Click the Edit option (a pencil) on the right side of the desired Trivia Game Questions/Answers in the data grid. 4. A form will be displayed with the information previously submitted for that particular Trivia Game Question/Answers. 5. The administrator can make adjustments to the form and submit the changes.	
Alternate Paths:	If the server is unavailable, the administrator's system will display an error message to the administrator and the use case fails. If the database is unavailable, the system will display a page notifying the administrator that the site is down and will give instructions to try again later. Therefore, the use case fails.	
Notes:		

Use Case:	Remove Trivia Game Question	A
Complexity:	Simple	
Primary Actor:	Administrator	
Pre-Condition:	The administrator has to be logged in to the system. The administrator must be viewing the Trivia Game directory.	
Post-Condition:	The "Trivia Game Question" will become inactive and will only be accessible from the administrator's view.	
Description:	This use case describes how an administrator would remove an existing trivia game question.	

Basic Path:	1. The use case begins when the administrator selects the Trivia Game link. 2. This link opens a page which displays a data grid for the Trivia Game. 3. Click the Delete option (a red "X") on the right side of the desired Trivia Game Questions/Answers in the data grid. 4. The system will display a message asking the administrator if they are sure they want to delete the Trivia Game Question/Answers. 5. Click "Yes" and the Trivia Game Question/Answers will be deleted from the data grid.
Alternate Paths:	If the server is unavailable, the administrator's system will display an error message to the administrator and the use case fails. If the database is unavailable, the system will display a page notifying the administrator that the site is down and will give instructions to try again later. Therefore, the use case fails.
Notes:	

Use Case:	Add Advanced Users	A
Complexity:	Simple	
Primary Actor:	Administrator	
Pre-Condition:	The administrator has to be logged in to the system. The administrator must be viewing the advanced user's directory.	
Post-Condition:	The "Advanced User" will become active and will only be accessible from the administrator's view.	
Description:	This use case describes how an administrator would add a new advanced user to the system.	

Basic Path:	1. The use case begins when the administrator selects the Advanced Users link. 2. This link opens a page which displays a data grid for the Advanced Users. 3. Click the "Add" button at the bottom of data grid. 4. This will open a page which displays a form. The form has eight fields: Professional ID, Primary Corporation ID, Primary Contact, Password, First Name, Last Name, E-Mail, and Access Levels. 5. The administrator must add the information into the form. 6. The administrator must then click the "Ok" button to submit the Advanced User
Alternate Paths:	If the server is unavailable, the administrator's system will display an error message to the administrator and the use case fails. If the database is unavailable, the system will display a page notifying the administrator that the site is down and will give instructions to try again later. Therefore, the use case fails.
Notes:	

Use Case:	Edit Advanced Users	
Complexity:	Simple	A
Primary Actor:	Administrator	
Pre-Condition:	The administrator has to be logged in to the system. The administrator must be viewing the advanced users directory.	
Post-Condition:	The "Advanced User" will be edited and will only be accessible from the administrator's view.	
Description:	This use case describes how an administrator would edit an existing advanced user in the system.	
Basic Path:	1. The use case begins when the administrator selects the Advanced Users link. 2. This link opens a page which displays a data grid for the Advanced Users. 3. Click the Edit option (a pencil) on the right side of the desired Advanced User in the data grid. 4. A form will be displayed with the information previously submitted for that particular Advanced User. 5. The administrator can make adjustments to the form and submit the changes.	
Alternate Paths:	If the server is unavailable, the administrator's system will display an error message to the administrator and the use case fails. If the database is unavailable, the system will display a page notifying the administrator that the site is down and will give instructions to try again later. Therefore, the use case fails.	
Notes:		

Use Case:	Remove Advanced Users	A
Complexity:	Simple	
Primary Actor:	Administrator	
Pre-Condition:	The administrator has to be logged in to the system. The administrator must be viewing the advanced users directory.	
Post-Condition:	The "Advanced User" will become inactive and will only be accessible from the administrator's view.	
Description:	This use case describes how an administrator would remove an existing advanced user.	
Basic Path:	1. The use case begins when the administrator selects the Advanced Users link. 2. This link opens a page which displays a data grid for the Advanced Users. 3. Click the Delete option (a red "X") on the right side of the desired Advanced User in the data grid. 4. The system will display a message asking the administrator if they are sure they want to delete the Advanced User. 5. Click "Yes" and the Advanced User will be deleted from the data grid.	
Alternate Paths:	If the server is unavailable, the administrator's system will display an error message to the administrator and the use case fails. If the database is unavailable, the system will display a page notifying the administrator that the site is down and will give instructions to try again later. Therefore, the use case fails.	
Notes:		

Use Case:	Add Corporate Friends	A
Complexity:	Simple	
Primary Actor:	Administrator	
Pre-Condition:	The administrator has to be logged in to the system. The administrator must be viewing the corporate friends' directory.	
Post-Condition:	The "Corporate Friends" will become active and will only be accessible from the administrator's view.	
Description:	This use case describes how an administrator would add a new corporate friend to the system.	

Basic Path:	1. The use case begins when the administrator selects the Corporate Friends link. 2. This link opens a page which displays a data grid for the Corporate Friends. 3. Click the "Add" button at the bottom of data grid. 4. This will open a page which displays a form. The form has seven fields: Name of Corporation, URL, Member Since, Member Expiration Date, Address, and Primary Phone Number, and Profession ID. 5. The administrator must add the information into the form. 6. The administrator must then click the "Ok" button to submit the Corporate Friends.
Alternate Paths:	If the server is unavailable, the administrator's system will display an error message to the administrator and the use case fails. If the database is unavailable, the system will display a page notifying the administrator that the site is down and will give instructions to try again later. Therefore, the use case fails.
Notes:	

Use Case:	Edit Corporate Friends	A
Complexity:	Simple	
Primary Actor:	Administrator	
Pre-Condition:	The administrator has to be logged in to the system. The administrator must be viewing the corporate friends' directory.	
Post-Condition:	The "Corporate Friends" will be edited and will only be accessible from the administrator's view.	
Description:	This use case describes how an administrator would edit an existing corporate friend in the system.	
Basic Path:	1. The use case begins when the administrator selects the Corporate Friends link. 2. This link opens a page which displays a data grid for the Corporate Friends. 3. Click the Edit option (a pencil) on the right side of the desired Corporate Friend in the data grid. 4. A form will be displayed with the information previously submitted for that particular Corporate Friend. 5. The administrator can make adjustments to the form and submit the changes.	
Alternate Paths:	If the server is unavailable, the administrator's system will display an error message to the administrator and the use case fails. If the database is unavailable, the system will display a page notifying the administrator that the site is down and will give instructions to try again later. Therefore, the use case fails.	
Notes:		

Use Case:	Remove Corporate Friends	A
Complexity:	Simple	
Primary Actor:	Administrator	
Pre-Condition:	The administrator has to be logged in to the system. The administrator must be viewing the corporate friends' directory.
Post-Condition:	The "Corporate Friends" will become inactive and will only be accessible from the administrator's view.
Description:	This use case describes how an administrator would remove an existing corporate friend.

Basic Path:	1. The use case begins when the administrator selects the Corporate Friends link.
	2. This link opens a page which displays a data grid for the Corporate Friends.
	3. Click the Delete option (a red "X") on the right side of the desired Corporate Friend in the data grid.
	4. The system will display a message asking the administrator if they are sure they want to delete the Corporate Friend.
	5. Click "Yes" and the Corporate Friend will be deleted from the data grid.
Alternate Paths:	If the server is unavailable, the administrator's system will display an error message to the administrator and the use case fails. If the database is unavailable, the system will display a page notifying the administrator that the site is down and will give instructions to try again later. Therefore, the use case fails.
Notes:	

Test Cases

Test Cases

Test Case	Category	Test Data	Expected Result	Actual Result	Status
Test View Corporate orate Friend Information	Proper Processing	The user must be on the WPDI website, and click the tab "Corporate orate Friends". The page is loaded and the user will click the desired name or logo, which serves as a link.	The link will load the page of the selected Corporate orate Friend and the user will be able to view a corporate orate friend's information.		Not Tested
Test View Upcoming Events	Proper Processing	The user must be on the WPDI homepage. The user will locate the "Upcoming Events" section on the homepage.	The user will be able to view a featured upcoming event.		Not Tested
Test View Diverse Communities	Proper Processing	The user must be on the WPDI homepage and will click the tab "Living in Pittsburgh". The user will then click the link "Diverse Communities".	The Page is loaded and the user will be able to view the communities within Pittsburgh.		Not Tested
Test View City Information	Proper Processing	The user must be on the WPDI homepage and will click the link "Pittsburgh Attractions".	The page is loaded and the user will be able to view information the things that will attract diverse individuals to Pittsburgh.		Not Tested
Test Login	Proper Processing	The Admin/HR Pro must be on the WPDI website and must click the HR Representative link. This will bring the user to the Login page. The Admin/HR Pro must enter a valid username followed by a valid password. The Admin/HR Pro must press the "Login" button.	The Admin/HR Pro will successfully login.		Not Tested
Test Login (Null)	Null Input	The Admin/HR Pro must be on the WPDI website and must click the HR Representative link. This will bring the user to the Login page. The Admin/HR Pro leaves either the password, username or both blank. The Admin/HR Pro then presses the "Login" button.	The Admin/HR Pro will receive an error message stating bad email/password combination. Your information is either incorrect or your account has been disabled. The Admin/HR Pro is denied access.		Not Tested
Test Login(username)	Proper Processing	The Admin/HR Pro must enter a proper	The Admin/HR Pro will successfully		Not Tested

		username, starting with a letter. The username can not start with symbols. The user then must type in a matching password and then press the "Login" button.	login		
Test Login(invalid username)	Invalid Input	The Admin/HR Pro must be on the WPDI website and must click the HR Representative link. This will bring the user to the Login page. The Admin/HR Pro types in an invalid username starting with a symbol, then presses the "Login" button.	The Admin/HR Pro will receive an error message stating bad email/password combination. Your information is either incorrect or your account has been disabled. The Admin/HR Pro is denied access.		Not Tested
Test Login(password)	Proper Processing	The Admin/HR Pro must enter a proper username, starting with a letter. The username can not start with symbols. The user then must type in a matching password and then press the "Login" button.	The Admin/HR Pro will successfully login		Not Tested
Test Login (invalid password)	Invalid Input	The Admin/HR Pro must be on the WPDI website and must click the HR Representative link. This will bring the user to the Login page. The Admin/HR Pro types a password that doesn't match the username, and then presses the "Login" button.	The Admin/HR Pro will receive an error message stating bad email/password combination. Your information is either incorrect or your account has been disabled. The Admin/HR Pro is denied access.		Not Tested
Test Logout	Proper Processing	The Admin/HR Pro must already be logged in. They must then click the "Logout" link at the top of the page.	The Admin/HR Pro will then successfully log out.		Not Tested
Test password (null)	Invalid login	This occurs when the user forgets to enter the password associated it their user name	Prompt will be displayed, notifying the user to enter their password		Not Tested
Test View the WPDI History	Proper Processing	The user must be on the WPDI homepage and will click the link "Who is WPDI".	The page is loaded and the user will be able to view the history of the WPDI.		Not Tested
Test View Team's Story	Proper Processing	The user must be on the WPDI website and will click the link "About the Team" and the bottom of the page (this can also be accessed from all the pages on the website).	The user will be able to read about the process of the team's development of the WPDI website.		Not Tested
Test View Best Practices	Proper Processing	The Human Resources	The HR PRO will be able to view a		Not Tested

Documents		Professional must be logged in as a HR PRO. The HR PRO will click the tab "Best Practices Documents".	Best Practices Document belonging to other corporate orate friends.		
Test Contact the WPDI	Proper Processing	The user must be on the WPDI website and click the tab "Contact the WPDI". The "Contact the WPDI" page is loaded. The user will enter a valid name, a valid e-mail address, a question or comment, and click the "Submit" button.	The user will be able to send a message to a member of the WPDI.		Not Tested
Test Contact WPDI (null input)	Null Input	The user must be on the WPDI website and click the tab "Contact the WPDI". The user will enter no information in the text box provided and click the "Submit" button .	The user will not be able to contact the WPDI. Error message tells user to enter data.		Not Tested
Test Contact WPDI (some input)	Null Input	The user must be on the WPDI website and click the tab "Contact the WPDI". The user will enter information in some of the text boxes provided and click the "Submit" button .	The user will not be able to contact a member of the WPDI. The user will receive an error message stating that they need to fill out all information required.		Not Tested
Test Contact WPDI (invalid character email)	Invalid Input	The user must be on the WPDI website and click the tab "Contact the WPDI". The user will enter the information required including an invalid character in their email address, such as a dollar sign and click the "Submit" button.	The user will receive an error message stating that the email address can not contain invalid characters. The user will not be able to contact the WPDI.		Not Tested
Test Contact WPDI (invalid name)	Invalid Input	The user must be on the WPDI website and will click the tab "Contact the WPDI". The user will enter all information required, including a invalid character in their name, such as a dollar sign and click the "Submit" button .	The user will receive an error message stating that the name can not contain invalid characters. The user will not be able to contact the WPDI.		Not Tested
Test Contact WPDI (incomplete email)	Invalid Input	The user must be on the WPDI website and will click the tab "Contact the WPDI". The user will input all information required including an incomplete email address (Ex. jonboy@yahoo) and click the "Submit"	The user will receive an error message stating that the user has to re-enter a valid email address. The user will not be able to contact a member of the WPDI.		Not Tested

		button .			
Test Trivia Game (answer question correct)	Proper Processing	The user must be on the WPDI homepage. The user will answer a trivia question located in the trivia game box section by select-ing an answer from the answer options and clicking the corresponding box. The user will click the "Submit" button.	The user will receive a message that the answer is correct along with a funny comment. The user will get the option to play again or to continue to navigate through the website.		Not Tested
Test answer trivia (answer question wrong)	Proper Processing	The user must be on the WPDI homepage. The user will answer a question in the trivia game box by selecting the answer to the corresponding box. The user will answer the question incorrectly.	The user will receive a message stating the answer is incorrect along with a funny comment. The user will have the option to play again or to continue navigating through the website.		Not Tested
Test Search Pittsburgh Jobs	Proper Processing	The user must be on the WPDI homepage and click the tab "Pittsburgh Attractions". The user will click the link "Search Pittsburgh Jobs" and the page is loaded. The user will enter a profession type. The user will click "Search" button.	A page is loaded and the user will be able to view all jobs related to the search. The user will be able to click on a job title that will link to more information about the job.		Not Tested
Test Contact WPDI (subject)	Proper Processing	The user must be on the WPDI website and click the tab "Contact the WPDI". The user will enter a subject in the subject text box.	The user will be able to contact a WPDI member with a specified subject.		Not Tested
Test Contact WPDI (null subject)	Null Input	The user must be on the WPDI website and click the tab "Contact the WPDI". The user will not enter data in the subject text box.	The user will receive an error message stating that a subject must be entered. The user will not be able to contact the WPDI.		Not Tested
Test Contact WPDI (send button)	Proper Processing	The user must be on the WPDI website and click the tab or the link "Contact the WPDI" or contact us. The user will click the "Submit" button after entering all required data.	The user will be able to contact the WPDI.		Not Tested

Test Search Pittsburgh Jobs (null input)	Null Input	The user must be on the WPDI homepage and will click the tab "Pittsburgh Attractions". The user will click the "Search Pittsburgh Jobs" link and the "Search Pittsburgh Jobs" page is loaded. The user will fail to enter a profession type.	The user will receive an error message stating that a profession type must be entered. The user will not be able to search for a job.		Not Tested
Test Search Pittsburgh Jobs (invalid input)	Invalid Input	The user must be on the WPDI homepage and will click the tab "Pittsburgh Attractions". The user will click the "Search Pittsburgh Jobs" link and the "Search Pittsburgh Jobs" page is loaded. The user will fail to enter a valid profession type. For example the searched job contains characters.	The user will receive an error message stating that that profession type is invalid. The user will not be able to search for a job.		Not Tested
Test Search Pittsburgh Jobs (unavailable input)	Proper Processing	The user must be on the WPDI homepage and will click the tab "Pittsburgh Attractions". The user will click the "Search Pittsburgh Jobs" link and the "Search Pittsburgh Jobs" page is loaded. The user will fail to enter a valid or unavailable profession type.	The user will receive a message stating that the entered profession type is not available. The user can try another search.		Not Tested
Test Post Blog Entry	Proper Processing	The Human Resources Professional must be logged in. The HR PRO will click the "Blog" functionality and then select the tab "Post Blog". The required information will be entered. The HR PRO will click "Submit" button.	The user will be able to post a blog entry on a particular issue that will be viewable to other HR PROs.		Not Tested
Test View Blog Entry	Proper Processing	The Human Resources Professional must be	The "View Blog Entry" page is loaded and the HR		Not Tested

		logged in. The HR PRO will click the " Blog" functionality. The HR PRO will select the tab "View Blog Entry".	PRO will be able to view blog entries made by themselves and other corporate orate friends.		
Test Delete Blog Entry	Proper Processing	The Human Resources Professional must be logged in. The HR PRO will click the "Blog" functionality. The HR PRO will select the "Delete Blog" tab.	The HR PRO will be able to delete a blog entry that they posted themselves.		Not Tested
Test view more upcoming events	Proper Processing	The user must be on the WPDI homepage and will locate the "Upcoming Events" section of the homepage. The user will click the link "Click Here To View More Events" located at the bottom of the Upcoming Events section.	The user will be able to view more information on the featured event from the homepage, details on past events, and details on upcoming events.		Not Tested
Test Comment on Blog	Proper Processing	The HR Professional must be logged in and will select the Blog functionality. HR PRO will select a blog of interest. The HR PRO will click the link "Write Comment". The HR PRO will write a comment and click the "Ok" button.	The HR PRO will be able to submit a comment on a particular blog entry.		Not Tested
Test Comment on Blog (null input)	Null Input	The HR Professional must be logged in and will select the Blog functionality. HR PRO will select a blog of interest. The HR PRO will click the link "Write Comment". The HR PRO will leave the text box blank and click the "Ok" button.	The HR PRO will receive an error message stating that they need to fill out all information required.		Not Tested
Test Add Events (all information)	Proper Processing	The Administrator must log in and click the link "Events". A page will load that displays a data grid. The Administrator will click the "Add" button and a form will load. The Administrator will complete the form and click the "OK" button to submit the event.	The Administrator will be able to add an event to the system that will be viewable on the homepage.		Not Tested
Test Add Events (null input)	Null Input	The Administrator must be logged in and will select the "Events" link. The link will	The administrator will receive an error message stating that they		Not Tested

		display a data grid. The Administrator will select the "Add" tab and a form will be displayed. The Administrator will leave the form blank and click the "OK" button to submit the event.	need to fill out all information required. The Administrator will not be able to add an event.		
Test Add Events (some input)	Null Input	The Administrator must be logged in and will select the "Events" link. The link will display a data grid. The Administrator will select the "Add" tab and a form will be displayed. The Administrator will leave some of the required fields blank and click the "OK" button to submit the event.	The administrator will receive an error message stating that they need to fill out all information required. The Administrator will not be able to add an event.		Not Tested
Test Add Events (title null input)	Null Input	The Administrator must be logged in and will select the "Events" link. The link will display a data grid. The Administrator will select the "Add" tab and a form will be displayed. The Administrator will leave the title of the event blank, complete the rest of the form and click the "OK" button to submit the event.	The administrator will receive an error message stating that they need to fill out all information required. The Administrator will not be able to add an event.		Not Tested
Test Add Events (wrong Start/End/Display date format)	Invalid Input	The Administrator must be logged in. The Administrator will select the "Events" link that will display a data grid. The Administrator will click the "Add" button which will display a form. The Administrator will enter data in the grid including the wrong date format, complete the rest of the form and click the "OK" button to submit the event.	The Administrator will receive an error message stating that the date format is incorrect and will give an example of the correct format. The Administrator will not be able to add an event.		Not Tested
Test Add Events (invalid Start/End date format)	Invalid Input	The Administrator must be logged in. The Administrator will select the "Events" link that will display a data grid. The Administrator will click the "Add" button which will display a form. The Administrator will enter data in the grid including the end date time preceding the	The Administrator will receive an error message stating that the date format is incorrect and will give an example of the correct format. The Administrator will not be able to add an event.		Not Tested

		start date time, complete the rest of the form and click the "OK" button to submit the event. Example: Start date <03/21/07> End date <03/19/07>			
Test Add Event (wrong Start/End time format)	Invalid Input	The Administrator must be logged in and will select the "Events" link that will display a data grid. The Administrator will click the "Add" button which will display a form. The Administrator will complete the form including the wrong time format and click the "OK" button to submit the event.	The Administrator will receive an error message stating that the time format is incorrect. The Administrator will not be able to add an event.		Not Tested
Test add event (too many characters in description)	Invalid Input	The Administrator must be logged in and will click the "Events" tab. This will display a data grid. The Administrator will click the "Add" button to display a form. The Administrator will complete the form including and add too many characters in the description and click the "OK" button to submit the event and click the "OK" button to submit the event.	The Administrator will receive an error message stating that the Administrator has exceeded the limit of characters for this field. The Administrator will not be able to add an event.		Not Tested
Test Add Events (invalid display date format)	Invalid Input	The Administrator must be logged in. The Administrator will select the "Events" link that will display a data grid. The Administrator will click the "Add" button which will display a form. The Administrator will enter data in the grid including the display date after the event end date, complete the rest of the form and click the "OK" button to submit the event.	The Administrator will receive an error message stating that the date format is incorrect and the display date is after the event end date. The Administrator will not be able to add an event.		Not Tested
Test edit event	Proper Processing	The Administrator will log in and click the "events" tab. A data grid will be displayed. The Administrator will click the edit icon on the right side of the desired event. The previously submitted form will load. The Administrator will be able to make adjustments and	The Administrator will be able to edit the event.		Not Tested

		submit the form.		
Test Remove event (click yes)	Proper Processing	The Administrator will log in and click the events tab. The data grid displays and the Administrator will click the delete icon on the right side of the desired event. A message box asks if you are sure you want to delete file. The Administrator will click "Yes".	The Administrator will be able to delete an event from the data grid.	Not Tested
Test remove event (click no)	Proper Processing	The Administrator will log in and click the "events" tab. A data grid will be displayed and Administrator will click the delete icon on the right side of the desired event. A message will ask if the Administrator is sure about deleting the event. The Administrator will click "No".	The Administrator will not be able to delete the event.	Not Tested
Test add best practices documents	Proper Processing	The Administrator will log in and click the "Best Practices" link. A data grid will be displayed and the Administrator will click the "add" button at the bottom of grid. The Administrator will complete the form and click "OK".	The Administrator will be able to add Best Practices Document.	Not Tested
Test Add BPD (Browse/Select Document)	Proper Processing	The Administrator will log in and click the "Best Practices" tab. The Administrator will click the "add" button at the bottom of the data grid. The Administrator will be able to browse the system and select a document. The Administrator will complete the form and click "OK".	The Administrator will be able to upload add Best Practices Document.	Not Tested
Test Add BPD (null input Browse/Select Document)	Null Input	The Administrator will log in and click the "Best Practices" tab. The Administrator will click the "add" button at the bottom of the data grid. The Administrator will leave this field blank; complete the rest of the form and click "Ok".	The administrator will receive an error message stating that they need to fill out all information required. The Administrator will not be able to add a BPD.	Not Tested
Test Add BPD (null input)	Null Input	The Administrator will log in and click the "Best Practices" tab.	The administrator will receive an error message	Not Tested

		The Administrator will click the "add" button at the bottom of the data grid. The Administrator will leave the form blank. The Administrator will click "OK".	stating that they need to fill out all information required. The Administrator will not be able to add a BPD.		
Test add BPD (no title)	Null Input	The Administrator will log in and click the "Best Practices" tab. The Administrator will click the "add" icon on the data grid. The Administrator will complete the form but fail to give the BPD a title. The Administrator will click the "OK" button.	The Administrator will receive an error message stating a title must be given to the BPD.		Not Tested
Test add BPD (make active)	Proper Processing	The Administrator will log in and click the "Best Practices" tab. The Administrator will click the "add" button on the data grid. The Administrator will complete the form. The active checkbox will be checked by default.	The BPD will be viewable by HR PROs, corporate orate friends, etc.		Not Tested
test Add BPD (make inactive)	Proper Processing	The Administrator will log in and click the "best practices" tab. The Administrator will click the "add" button at the bottom of data grid and complete the form. The Administrator will click the active check box to inactivate the BPD.	The BPD will not be viewable by HR PRO, corporation. friend, etc. Only the Administrator will have access to the BPD.		Not Tested
Test edit BPD	Proper Processing	The Administrator will log in and click the "Best Practices" tab. The Administrator will click the edit icon on the right side of the desired BPD. The form will load and the Administrator will edit the BPD.	The Administrator will be able to edit BPD.		Not Tested
test remove BPD (click yes)	Proper Processing	The Administrator will log in and select "Best Practices" tab. The Administrator will click the "delete" icon on the right side of the desired BPD on the data grid. An error message will ask if you are sure you want to delete the BPD. The Administrator will click "Yes".	The BPD will not be viewable to HR PRO, corporate orate friend, etc.		Not Tested
Test remove BPD (click no)	Proper Processing	The Administrator will log in and click the "Best Practices" tab.	The BPD will not be removed and will still be		Not Tested

		The Administrator will click the "delete" icon on the right side of the desired BPD on the data grid. An error message will ask if you are sure you want to delete BPD. The Administrator will click "No".	viewable to HR PRO, corporate, friend, etc.		
Test add trivia question	Proper Processing	The Administrator will log in and select "trivia game" link which displays a data grid. The Administrator will click the "add" button to display a form. The Administrator will complete the question form then the corresponding answer form. The Administrator will click "OK".	The Administrator will be able to add a trivia question.		Not Tested
Test add trivia question (answer form)	Proper Processing	The Administrator will log in and select "trivia game" link which displays a data grid. The Administrator will click the "add" button to display a form. The Administrator will complete the question form. The Administrator will type an answer in the answer text box and select a radio button by each answer to indicate whether it is the correct answer. The Administrator will click "OK".	The Administrator will be able to add a trivia question.		Not Tested
Test add trivia question (null answer form)	Proper Processing	The Administrator will log in and select "trivia game" link which displays a data grid. The Administrator will click the "add" button to display a form. The Administrator will complete the question form. The Administrator will leave the answer text box blank. The Administrator will click "OK".	An error message will state that all required fields must be completed. The Administrator will not be able to add a trivia game question.		Not Tested
Test add trivia question (null answer form, radio buttons)	Proper Processing	The Administrator will log in and select "trivia game" link which displays a data grid. The Administrator will click the "add" button to display a form. The Administrator will complete the question form. The	An error message will state that all required fields must be completed. The Administrator will not be able to add a trivia game question.		Not Tested

		Administrator will leave the answer text box blank and select the radio buttons or vice versa. The Administrator will click "OK".			
test add trivia question (null input)	Null Input	The Administrator will log in and click the "trivia game" link. The Administrator will click the" add" button on the data grid. The Administrator will leave the form blank. The Administrator will click "OK".	An error message will state that all required fields must be completed. The Administrator will not be able to add a trivia game question.		Not Tested
test add trivia question (invalid image)	invalid Input	The Administrator will log in and click the "trivia game" link. The Administrator will click the" add" button on the data grid. The Administrator will give an image an invalid name or extension, complete the rest of the form and click "OK".	An error message will state that the name given to the image is invalid. The Administrator will not be able to add a trivia game question.		Not Tested
Test add trivia question (feedback: right)	Proper Processing	The Administrator will log in and select "trivia game" link which displays a data grid. The Administrator will click the "add" button to display a form. The Administrator will complete the question form and type in the feedback for the correct answer. The Administrator will click "OK".	The Administrator will be able to add a trivia game question.		Not Tested
Test add trivia question (null feedback: right)	Null Input	The Administrator will log in and select "trivia game" link which displays a data grid. The Administrator will click the "add" button to display a form. The Administrator will leave this field blank, complete the rest of the form, and will click "OK".	An error message will state that all required fields must be completed. The Administrator will not be able to add a trivia game question.		Not Tested
Test add trivia question (# of Questions)	Proper Processing	The Administrator will log in and select "trivia game" link which displays a data grid. The Administrator will click the "add" button to display a form. The Administrator will complete the question form and type in the number of question options in integers. The Administrator will	The Administrator will be able to add a trivia game question.		Not Tested

		click "OK".			
Test add trivia question (# of Questions)	Null Input	The Administrator will log in and select "trivia game" link which displays a data grid. The Administrator will click the "add" button to display a form. The Administrator will leave this field blank, complete the rest of the form, and will click "OK".	An error message will state that all required fields must be completed. The Administrator will not be able to add a trivia game question.		Not Tested
Test add trivia question (# of Questions)	Invalid Input	The Administrator will log in and select "trivia game" link which displays a data grid. The Administrator will click the "add" button to display a form. The Administrator will type in non-integers, complete the rest of the form, and will click "OK".	An error message will state # of Questions is Invalid. The Administrator will not be able to add a trivia game question.		Not Tested
Test add trivia question (feedback: wrong)	Proper Processing	The Administrator will log in and select "trivia game" link which displays a data grid. The Administrator will click the "add" button to display a form. The Administrator will complete the question form and type in the feedback for the wrong answer. The Administrator will click "OK".	The Administrator will be able to add a trivia game question.		Not Tested
Test add trivia question (null feedback: wrong)	Null Input	The Administrator will log in and select "trivia game" link which displays a data grid. The Administrator will click the "add" button to display a form. The Administrator will leave this field blank, complete the rest of the form, and will click "OK".	An error message will state that all required fields must be completed. The Administrator will not be able to add a trivia game question.		Not Tested
test edit trivia	Proper Processing	The Administrator will log in and click the Trivia game link. The Administrator will click the "edit" icon on the right side of the desired question/answer combo. The Administrator will make adjustments to the form.	The Administrator will be able to edit trivia question.		Not Tested
Test remove trivia question click yes	Proper Processing	The Administrator will log in and click the "trivia game" link. Administrator will click the "delete" icon on	The trivia answer will not be viewable to the public.		Not Tested

		the right side of the desired question. The Administrator will receive a message asking them if they are sure they want to remove trivia question. Administrator will click "Yes".			
test remove trivia question click no	Proper Processing	The Administrator will log in and click the trivia game link. The Administrator will click the "delete" button on the right side of the desired question. Message asking if you are sure you want to delete question displays and Administrator will click "No".	The question will be viewable to the public.		Not Tested
test add advanced user	Proper Processing	The Administrator will log in and click the "Advanced user" link. The Administrator will click the "add" button on the data grid and enter all information in the form provided. The Administrator will click "OK".	The advanced user will be added to the system.		Not Tested
test add advanced user (null input)	Null Input	The Administrator will log in and click the 'advanced user" tab. The Administrator will click the "add" button on the data grid and will leave the form blank. The Administrator will click "OK".	The Administrator will not be able to add advanced user.		Not Tested
test advanced user (some input)	Null Input	The Administrator will log in and click the 'advanced user" tab. The Administrator will click the "add" button on the data grid and will leave some of the form blank. The Administrator will click "OK".	The administrator will receive an error message stating that they need to fill out all information required. The Administrator will not be able to add an advanced user.		Not Tested
test add advanced user (null profession id)	Null Input	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid. The Administrator will complete the form but fail to enter a profession id. The Administrator will click "OK".	The Administrator will receive a message stating that a profession id must be entered. The Administrator will not be able to add advanced user.		Not Tested
test add advanced user (profession id)	Proper Processing	The Administrator will log in and click the "advanced user" tab. The Administrator will	The advanced user will be added to the system.		Not Tested

		click the "add" button on the data grid. The Administrator will complete the form, type in an integer for the profession id and click "OK".			
test add advanced user (profession id)	Invalid Input	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid. The Administrator will complete the form, type in a non-integer for the profession id and click "OK".	The Administrator will receive a message stating that the profession id must be a non-integer entered. The Administrator will not be able to add advanced user.		Not Tested
test add advanced user (null primary corporate oration id)	Null Input	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid. The Administrator will complete the form but fail to enter a primary corporate oration id. The Administrator will click "OK".	The Administrator will receive a message stating that a primary corporate oration id must be entered. The Administrator will not be able to add advanced user.		Not Tested
test add advanced user (primary corporate oration id)	Proper Processing	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid. The Administrator will complete the form, type in an integer for the primary corporate oration id and click "OK".	The advanced user will be added to the system.		Not Tested
test add advanced user (primary corporate oration id)	Invalid Input	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid. The Administrator will complete the form, type in a non-integer for the primary corporate oration id and click "OK".	The Administrator will receive a message stating that the primary corporate oration id must be a non-integer entered. The Administrator will not be able to add advanced user.		Not Tested
Test add advanced user primary contact	Proper Processing	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid and complete the form provided. The Administrator will enter a contact name. The Administrator will click "OK".	The advanced user will be added to the system.		Not Tested
Test add advanced user	Null Input	The Administrator will log in and click the	The administrator will receive an		Not Tested

(null primary contact)		"advanced user" tab. The Administrator will click the "add" button on the data grid and complete the form provided. The Administrator will leave the field blank. The Administrator will click "OK".	error message stating that they need to fill out all information required. The Administrator will not be able to add an advanced user.		
Test add advanced user (invalid primary contact)	Invalid Input	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid and complete the form provided. The Administrator will enter an incorrect contact name. The name can't include numbers or symbols. The Administrator will click "OK".	The Administrator will receive an error message stating that the contact name is incorrect and to enter correct name. The Administrator will not be able to add advanced user.		Not Tested
test add advanced user (first/last name)	Proper Processing	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid and complete the form. The Administrator will type the name in the name text box. The Administrator will click "OK".	The advanced user will be added to the system.		Not Tested
test add advanced user (invalid first/last name)	Invalid Input	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid and complete the form. The Administrator will enter invalid characters in the name text box. The name can't include numbers or symbols. The Administrator will click "OK".	The Administrator will receive an error message stating that the name field can not contain invalid characters, such as a dollar sign. The Administrator will not be able to add advanced user.		Not Tested
test add advanced user (null first/last name)	Null Input	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid and complete the form. The Administrator will leave this field blank. The Administrator will click "OK".	The administrator will receive an error message stating that they need to fill out all information required. The Administrator will not be able to add an advanced user.		Not Tested
test add advanced user (e-mail)	Proper Processing	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button	The advanced user will be added to the system.		Not Tested

		on the data grid and complete the form. The Administrator will type the e-mail in the name text box. The Administrator will click "OK".			
test add advanced user (invalid e-mail)	Invalid Input	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid and complete the form. The Administrator will enter an invalid e-mail address. The Administrator will click "OK".	The user will receive an error message stating that the user has to re-enter a valid email address. The Administrator will not be able to add an advanced user.		Not Tested
test add advanced user (null e-mail)	Null Input	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid, leave the e-mail field blank and complete the rest of form. The Administrator will click "OK".	The administrator will receive an error message stating that they need to fill out all information required. The Administrator will not be able to add an advanced user.		Not Tested
Test add advanced user password	Proper Processing	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid and complete the form provided. The Administrator will enter a password. The Administrator will click "OK".	The advanced user will be added to the system.		Not Tested
Test add advanced user (null password)	Null Input	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid and complete the form provided. The Administrator will leave the field blank. The Administrator will click "OK".	The administrator will receive an error message stating that they need to fill out all information. The Administrator will not be able to add an advanced user.		Not Tested
test add advanced user (access levels)	Proper Processing	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid and complete the form. The Administrator will type the access level in the corresponding field. The access level must be an integer. The Administrator will click "OK".	The advanced user will be added to the system.		Not Tested

test add advanced user (invalid access levels)	Invalid Input	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid and complete the form. The Administrator will enter invalid characters in the text box. The access level can't be a non-integer. The Administrator will click "OK".	The Administrator will receive an error message stating that the access level field can not contain invalid characters, such as a dollar sign. The Administrator will not be able to add advanced user.		Not Tested
test add advanced user (null access levels)	Null Input	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid and complete the form. The Administrator will leave this field blank. The Administrator will click "OK".	The administrator will receive an error message stating that they need to fill out all information required. The Administrator will not be able to add an advanced user.		Not Tested
test edit advanced user	Proper Processing	The Administrator will log in and click the "advanced user" tab. The Administrator will click the edit icon on the right side of the desired advanced user on the data grid. The Administrator will be able to edit the advanced user content and submit the changes.	The Administrator will be able to edit the advanced user.		Not Tested
test remove advanced user (yes)	Proper Processing	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "delete" icon on the right side of the desired advanced user. The Administrator will receive an error message asking if you are sure you want to delete the advanced user and Administrator will click "Yes".	The advanced user will not be viewable to the public. The Administrator will be able to remove advanced user.		Not Tested
test remove advanced user (no)	Proper Processing	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "delete" icon on the right side of the desired advanced user. The Administrator will receive an error message asking if you are sure you want to delete the advanced user and Administrator will click "No".	The advanced user will be viewable to the public. The Administrator will not be able to remove the advanced user.		Not Tested

test add corporate friend	Proper Processing	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid and complete the form provided. The Administrator will enter a corporate friend. The Administrator will click "OK".	The advanced user will be added to the system.		Not Tested
test add corporate friend (null input)	Null Input	The Administrator will log in and click the "advanced user" tab. The Administrator will click the "add" button on the data grid and complete the form provided. The Administrator will leave the field blank. The Administrator will click "OK".	The administrator will receive an error message stating that they need to fill out all information. The Administrator will not be able to add a corporate friend.		Not Tested
test add corporate friend (some input)	Null Input	The Administrator must be logged in and will select the "Corporate orate friend" link. The link will display a data grid. The Administrator will select the "Add" tab and a form will be displayed. The Administrator will leave some of the required fields blank and click the "OK" button to submit the corporate friend.	The administrator will receive an error message stating that they need to fill out all information required. The Administrator will not be able to add a corporate friend.		Not Tested
test add corporate friend (corporation name)	Proper Processing	The Administrator will log in and click the "corporate friend" tab. The Administrator will click the "add" button on the data grid. The Administrator will complete the form and add the name of the corporation. The Administrator will click "OK".	The Administrator will be able to add the corporate friend.		Not Tested
test add corporate friend (null corporation name)	Null Input	The Administrator will log in and click the "corporate friend" tab. The Administrator will click the "add" button on the data grid. The Administrator will complete the form but fail to give a name to the corporation. The Administrator will click "OK".	The Administrator will receive an error message stating that information must be entered in the name text box. The Administrator will not be able to add corporate friend.		Not Tested
test add corporate friend (URL)	Proper Processing	The Administrator will log in and click the "corporate friend" tab. The Administrator will	The Administrator will be able to add corporate friend.		Not Tested

		click the "add" button on the data grid. The Administrator will complete the form and enter a valid URL. The Administrator will click "OK".			
test add corporate friend (null URL)	Null Input	The Administrator will log in and click the "corporate friend" tab. The Administrator will click the "add" button on the data grid. The Administrator will complete the form but fail to enter a URL. The Administrator will click "OK".	The Administrator will receive an error message stating that a URL must be entered. The Administrator will not be able to add corporate friend.		Not Tested
test add corporate friend no address	Proper Processing	The Administrator will log in and click the "corporate friend" tab. The Administrator will click the "add" button on the data grid. The Administrator will complete the form and enter an address for the corporate friend. The Administrator will click "OK".	The Administrator will be able to add the corporate friend.		Not Tested
test add corporate friend (null address)	Null Input	The Administrator will log in and click the "corporate friend" tab. The Administrator will click the "add" button on the data grid. The Administrator will complete the form but fail to enter an address for the corporate friend. The Administrator will click "OK".	The Administrator will receive an error message stating the required information must be entered. The Administrator will not be able to add corporate friend.		Not Tested
test add corporate friend (invalid address)	Invalid Input	The Administrator will log in and click the "corporate friend" tab. The Administrator will click the "add" button on the data grid. The Administrator will complete the form but fail to enter an address for the corporate friend. The Administrator will click "OK".	The Administrator will receive an error message stating the required information must be entered. The Administrator will not be able to add corporate friend.		Not Tested
test add corporate friend member since	Proper Processing	The Administrator will log in and click the "corporate friend" tab. The Administrator will click the "add" button on the data grid. The Administrator will complete the form but fail to enter the date the corporate oration became a member. The Administrator will	The Administrator will receive an error message stating that the date the corporate friend became a member must be entered. The Administrator will not be able to add corporate friend.		Not Tested

		click "OK".			
test add corporate friend exp. date	Proper Processing	The Administrator will log in and click the "corporate friend" tab. The Administrator will click the "add" button on the data grid. The Administrator will complete the form but fail to enter the member's expiration date. The Administrator will click "OK".	The Administrator will receive an error message stating that an expiration date must be entered. The Administrator will not be able to add corporate .friend.		Not Tested
test add corporate . friend primary phone	Proper Processing	The Administrator will log in and click the "corporate friend" tab. The Administrator will click the "add" button on the data grid. The Administrator will complete the form but fail to enter the primary phone number for the corporate .friend. The Administrator will click "OK".	The Administrator will receive an error message stating that a phone number must be entered. The Administrator will not be able to add corporate friend.		Not Tested
test add corporate friend no prof.id	Proper Processing	The Administrator will log in and click the "corporate friend" tab. The Administrator will click the "add" button on the data grid. The Administrator will complete the form but fail to enter the profession id number of the corporate friend. The Administrator will click "OK".	The Administrator will receive error message stating that a profeesion id number must be entered. The Administrator will not be able to add corporate .friend.		Not Tested
test edit corporate friend edit name	Proper Processing	The Administrator will log in and click the "corporate . friend" tab. The Administrator will click the "edit" icon on the right side of the desired corporate . friend on the data grid. The Administrator will edit the name of the corporate . friend on the form. The Administrator will click "OK".	The Administrator willbe ale to edit a corporate friend.		Not Tested
test remove corporate friend yes	Proper Processing	The Administrator will log in and click the "corporate . friend" tab. The Administrator will click the "delete" icon on the right side of the desired corporate . friend. An error message will ask if you are sure you want to delete corporate friend. The Administrator will click "Yes".	The Administrator will be able to delete corporate . friend. The corporate friend will not be viewable to the public.		Not Tested

| test remove corporate friend no | Proper Processing | The Administrator will log in and click the "corporate . friend" tab. The Administrator will click the "delete" icon on the right side of the desired corporate . friend. An error message will ask if you are sure you want to delete corporate friend. The Administrator will click "Yes". | The Administrator will not be able to remove corporate . friend. The corporate . friend will be viewable to the public | | Not Tested |

Nonfunctional *Requirements*

Usability

The main purpose of this site is to provide information to everyone who visits the site. This means that the information within the site has to be clearly labeled and easy to access, so the user will know exactly where to locate information and acquire new information. This means that the site must be user-friendly in order to keep the users coming back to the site. In order to appeal the user, the site should have readable colors, a good layout of navigation, and updated information. It is also very important for the user to have easy access to the information without experiencing frustration or errors.

Database   Engine

In order to efficiently store information, the information must be organized and easily accessible. The database engine will mainly be used by the administrator and Human Resource Professionals. The database will store and manage information useful to the administrator, track the progress of the website, organize entities, and organize other categories   of   information.

Security

The administrators and Human Resource (HR) professionals' page will have the ability to alter the information on the website. These same rights are not granted for the general users. There will be different types of security measures used to keep the administrator's page private and inaccessible to the general user. Information, such as usernames and passwords will be required to gain access to the administrator and Human Resource pages. List of failed login attempts will be maintained for audit purposes. This security feature   is   used   to   help   protect   the   site   from   hackers.

Scalability

Many people will be interested in this site due to the fact that target audience are people of different ethnicities, people who are looking for jobs, or people who are just thinking about relocating. It is important that the site is flexible enough to accommodate many   users   as   a   result   of   the   site's   popularity   and   traffic.

Response   Time/   Performance/   Software   Components

No matter what the users do, they should not be able to cause the site to crash. The site should be updated regularly and there should be no broken links. Also, the speed of the site is essential to keep impatient users satisfied. Excessive graphics can cause the site to slow down and will cause users to leave the site. The site should consist of moderate

graphics and it is important for the user to see the page intact without any of the output missing. To do this the website must be tested in every browser to make sure the proper effect is being achieved.

Maintainability

In order for the website to be consistent and fresh, regular maintenance is required. Users don't want to come back to a site that hasn't been changed in months. Instead, users want to return to a site that change and update their content regularly. Regular maintenance is necessary for updating information, posting new documents or files, and organizing and maintaining the database.

Layouts

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > Events > Add Event

Add an Event   * Required Fields

* Event Title

* Event Date

* Event Start Time

* Event End Time

* Event Location

* Posted By

* Posted On

* Event Description

* Display event date

Submit   Cancel

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > Trivia Game > Add Trivia

Add Trivia Question

Question

Answer

Incorrect
Answer Choice

Incorrect
Answer Choice

Incorrect
Answer Choice

Feedback
Correct

Feedback
Incorrect

Submit   Cancel

About Us   Contact Us   Our Members   About the Team

#

#

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > User > Add User

Add Advanced User

First Name

Last Name

Corporate ID

E-mail Address

Access Level ▼

Profession ID

Primary Contact   ● Yes   ○ No

Submit   Clear

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > Living in Pittsburgh > Diverse Community: Adult

Image of the adult community

Adult Community

Information about the location of the adult community.

Image of the adult community

Image of the adult community

Image of the african am community

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > Living in Pittsburgh > Diverse Community: African American

Image of the african american community

African American Community

Information about the location of the african american community.

Image of the african am community

Image of the african am community

Image of the african am community

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > Living in Pittsburgh > Diverse Community: Asian

Image of the asian community

Asian Community

Information about the location of the asian community.

Image of the asian community

Image of the asian community

Image of the asian community

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > HR Home > Best Practice

Best Practices

Featured Best Practice

This is where the best practice that the clicked on will be displayed.

Title of a Best Practice the user can click to view

Title of a Best Practice the user can click to view

Title of a Best Practice the user can click to view

Title of a Best Practice the user can click to view

Title of a Best Practice the user can click to view

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > Best Practices

Best Practices

Upload A Document   Browse

Document	Document Id	Posted By	Date Posted	Active	Edit	Remove
				●	☑	☐
				●	☐	☑

Submit   Cancel

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > Blog Spot

Blog Spot

Blog ID	Posted By	Date Posted	Active	Edit	Remove
Blog 1			●	☐	☑
Blog 2			○	☑	☐

Submit   Cancel

Click here to write a blog

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > Who is the WPDI > Contact Us

Contact the WPDI

Give us your feedback:

* Fields are required to Submit

* Name

* Your e-mail address

* Subject

* Comment

Submit   Clear Form   Cancel

About Us   Contact Us   Our Members   About the Team

#

#

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > Corporate Friends

Corporate Friends

Corporation	Corp ID	Member Since	Paid Until	Edit	Remove
				☑	☐
				☐	☑

Submit   Cancel

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > Corp. Friends >

Company Logos and possibly a link to the member's site

Company Logos and possibly a link to the member's site

Company Logos and possibly a link to the member's site

Company Logos and possibly a link to the member's site

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > HR Home > Blog Spot > Posted Blog > Delete Blog

Posted Blogs

Blog Title	Edit	Delete
Name of the blog you posted	☐	☐
Name of the blog you posted	☐	☑

Edit   Delete

Delete Blog

Are you sure you want to delete these blogs?

Cancel   Delete

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > Best Practices > Edit Best Practice

Edit Best Practice

Heading

Active ▼

Document

Submit   Cancel

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > HR Home > Blog Spot > Posted Blogs > Edit Blog

Edit Blog

Title of Blog

This is the text that is to be edited.

Submit   Cancel

About Us   Contact Us   Our Members   About the Team

#
#

Logo goes here	Creative banner goes here
Also a link to Homepage	Particularly the title of the chosen topic

Who is the WPDI	Pittsburgh Attractions	Living in Pittsburgh	Events	Our Corporate Friends

Admin Home > Corporate Friends > Edit Corporate Friend

Edit Corporate Friends

Corporation Name _____

Address _____
_____

City _____
State _____
Zip Code _____

Phone Number _____

Expiration Date _____

Member Since _____

Available URL _____

Dues Paid ▼

Submit   Cancel

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > Events > Add Event

Edit an Event

Event Title

Event Date

Event Start Time

Event End Time

Event Location

Posted By

Posted On

Event Description

Display event date

[Edit]   [Cancel]

About Us   Contact Us   Our Members   About the Team

#

#

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

Who is the WPDI	Pittsburgh Attractions	Living in Pittsburgh	Events	Our Corporate Friends

Admin Home > Trivia Game > Edit Trivia

Edit Trivia Game Questions

Question ID

Question

Answer

Incorrect AnswerChoice

Incorrect AnswerChoice

Incorrect AnswerChoice

Submit   Cancel

About Us   Contact Us   Our Members   About the Team

\#
\#

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

Who is the WPDI	Pittsburgh Attractions	Living in Pittsburgh	Events	Our Corporate Friends

Admin Home > User > Edit User

Edit Advanced User

First Name [   ]

Last Name [   ]

Corporate ID [   ]

E-mail Address [   ]

Access Level [▼]

Profession ID [   ]

Primary Contact ● Yes   ○ No

[Submit] [Clear]

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > Pittsburgh Attractions > Entertainment

Search by genre

▼

Search

Search entertainment

Entertainment listings

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

Who is the WPDI	Pittsburgh Attractions	Living in Pittsburgh	Events	Our Corporate Friends

Admin Home > Events

Upcoming Events

Event	Date	Posted by	Active	Edit	Remove
			○	☐	☐
			○	☐	☐

Add Event   **Submit**   Cancel

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > Living in Pittsburgh > Diverse Community: Hispanic

Image of the hispanic community

Hispanic Community

Information about the location of the hispanic community.

Image of the hispanic community

Image of the hispanic community

Image of the hispanic community

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home

Administrator Login

User Name

Password

Submit   Clear

Click here to view Best Practices

Click here to see the Advanced Users

Click here to see the Corporate Friends

Click here to go to the Blog Spot

Click here to go to Upcoming Events

Click here to see go to Trivia Game

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home >HR Home

Log in

User Name

Password

Submit   Clear

Best Practices

This is where a featured best practice will be displayed. The user can click on the article to view the entire document

Click here to view other best practices

Blog Spot

This is where a featured blog will be displayed. The user will have to log in to view the entire blog, comment, or add their own blog.

Click here to view more blogs

About Us   Contact Us   Our Members   About the Team

Logo Placed Here

Also a link to Homepage

Creative Banner Placed Here

Multiple changing pictures of Pittsburgh within the banner

Who is the WPDI	Pittsburgh Attractions	Living in Pittsburgh	Events	Our Corporate Friends

Today is: June 22, 2007

Includes an image in the corner

Mission Statement:

The mission of the Western Pennsylvania Diversity Initiative is to promote regional economic growth by providing resources to employers in the Pittsburgh region to attract, hire, and retain employees from a variety of diverse backgrounds and perspectives.

Upcoming Events

August 16 - 19 2007
2007 DiverseCITY Pittsburgh Festival

The Greater Pittsburgh Diversity Festival invites you to take part in the First Annual Celebration of our region's ethnic and cultural diversity.

Click here to view more events

Trivia Game

☑

☐

☐

☐

Submit   Try Again

New to Our Site?

Are you a Human Resource Professional?

Are you considering moving to Pittsburgh?

Are you already living in Pittsburgh?

Are you searching for jobs in Pittsburgh?

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > Pittsburgh Attractions > Living

▼ Search

Search housing by Rent.com

Housing listings

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > Pittsburgh Attractions > Employement

Select the job title

[▼]   [Search Jobs]

Search jobs by Monster.com

Job listings

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > Living in Pittsburgh >

Living in Pittsburgh

Image of the specific diverse community

Asian Community

This is where a specific diverse community would go. It should be brief but informative and describe the community.

Youth Community

Image of the specific diverse community

This is where a specific diverse community would go. It should be brief but informative and describe the community.

Image of the specific diverse community

African American Community

This is where a specific diverse community would go. It should be brief but informative and describe the community.

Adult Community

Image of the specific diverse community

This is where a specific diverse community would go. It should be brief but informative and describe the community.

Image of the specific diverse community

Hispanic Community

This is where a specific diverse community would go. It should be brief but informative and describe the community.

Click here to see what else Pittsburgh has to offer

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > Pittsburgh Attractions

Pittsburgh Attractions

Employment

[▼]

Search Jobs by Monster.com   [Search]

Entertainment

[▼]

Search by Genre   [Search]

Living

[▼]

Search housing by Rent.com   [Search]

Education

[▼]

Search by grade level   [Search]

Click here to view the diverse communities

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home >HR Home >Blog Spot > Post >

Post a blog

* Required Title

Text box where a blog can be written.

Post   Cancel

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > HR Home > Blog > Posted Blog

Posted Blogs

Blog Title	Edit	Delete
Name of the blog you posted	☑	☐
Name of the blog you posted	☐	☑

Edit   Delete

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > Best Practices

Best Practices

| Upload A Document | Browse |

Document	Document Id	Posted By	Date Posted	Active	Edit	Remove
				●	☑	☐
				●	☐	☑

Remove Best Practice Document

Do you want to remove this document?

| Cancel | **Delete** |

omit   Cancel

About Us   Contact Us   Our Members   About the Team

# #

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > Corporate Friends

Corporate Friends

Corporation	Corp ID	Member Since	Paid Until	Edit	Remove
				☑	☐
				☐	☑

Delete Corporate Friend

Are you sure you want to delete this Friend?

[Cancel]   [**Delete**]

[Submit]   [Cancel]

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > Events

Upcoming Events

Event	Date	Posted by	Active	Edit	Remove
					☐
					☐

Remove Event

Are you sure you want to delete the event?

Cancel   **Delete**

Cancel

About Us   Contact Us   Our Members   About the Team

#
#

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > Trivia Game

Trivia Game

Question	Question ID	Answer	Edit	Remove
			☐	☑
			☐	☐

Cancel

Remove Trivia Question

Are you sure you want to remove this question?

Cancel   **Remove**

About Us   Contact Us   Our Members   About the Team

Logo goes here
Also a link to Homepage

Creative banner goes here
Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > User

Advanced User

| Users Nam... | ...ove |

Delete Advanced User

Are you sure you want to delete this user?

Cancel   Remove

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > Best Practices > Edit Best Practice

Edit Best Practice

Heading

Active

Edit Best Practice Document

Would you like to save changes to this document?

Don't Save   Cancel   Save

Document

Submit   Cancel

About Us   Contact Us   Our Members   About the Team

#
#

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > Corporate Friends > Edit Corporate Friend

Edit Corporate Friend

Corporation Name

Address

City

State

Zip Code

Phone Number

Expiration Date

Member Since

Available URL

Dues Paid ▼

Edit Corporate Friend

Are you sure you want to edit this friend?

Cancel | Edit

Submit | Cancel

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > Events > Add Event

Edit an Event

Event Title

Eve

Event Sta

Event E

Event L

Po

Edit Event

🛑 **Do you want to save changes to this event?**

Cancel   Save

Posted On

Event Description

Display event date   Edit   Cancel

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > Trivia Game > Edit Trivia

Edit Trivia Game Questions

Question

Questi

Answ

Incorr
AnswerCho

Incorr
AnswerCho

Incorr
AnswerCho

Edit Trivia Game

Are you sure you want to edit this question?

Cancel   Edit

Submit   Cancel

About Us   Contact Us   Our Members   About the Team

#

#

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > User > Edit User

Edit Advanced User

Edit Advanced User

Are you sure you want to edit this user?

C

E-

A

Pr

| Cancel | Save |

Primary Contact   ● Yes   ○ No

| Submit | | Clear |

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > Pittsburgh Attractions > School

Select grade level

[▼]   [Search]

Search schools by grade level

School listings

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > CMU Team Story>

Picture of us

The Web Site Design Team

Paragraph about our tedious but fun journey of documenting, designing, and coding the website.

various images of us during the making

various images of us during the making

various images of us during the making

various images of us during the making

About Us   Contact Us   Our Members   About the Team

#
#

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > Trivia Game

Trivia Game

Question	Question ID	Answer	Edit	Remove
			☐	☑
			☑	☐

Submit   Cancel

About Us   Contact Us   Our Members   About the Team

Logo Placed Here

Also a link to Homepage

Creative Banner Placed Here

Multiple changing pictures of Pittsburgh within the banner

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Today is: June 22, 2007

Includes an image in the corner

Mission Statement:

The mission of the Western Pennsylvania Diversity Initiative is to promote regional economic growth by providing resources to employers in the Pittsburgh region to attract, hire, and retain employees from a variety of diverse backgrounds and perspectives.

Upcoming Events

August 16 - 19 2007
2007 DiverseCITY Pittsburgh Festival

The Greater Pittsburgh Diversity Festival invites you to take part in the First Annual Celebration of our region's ethnic and cultural diversity.

Click here to view more events

Trivia Game

Unique trivia question about Pittsburgh fun fact

☑

Correct, you're a real Pittsburgher.
If you would like to see more about this go to....

Try Again

New to Our Site?

Are you a Human Resource Professional?

Are you considering moving to Pittsburgh?

Are you already living in Pittsburgh?

About Us   Contact Us   Our Members   About the Team

Logo Placed Here

Also a link to Homepage

Creative Banner Placed Here

Multiple changing pictures of Pittsburgh within the banner

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Today is: June 22, 2007

Includes an image in the corner

Mission Statement:

The mission of the Western Pennsylvania Diversity Initiative is to promote regional economic growth by providing resources to employers in the Pittsburgh region to attract, hire, and retain employees from a variety of diverse backgrounds and perspectives.

Upcoming Events

August 16 - 19 2007
2007 DiverseCITY Pittsburgh Festival

The Greater Pittsburgh Diversity Festival invites you to take part in the First Annual Celebration of our region's ethnic and cultural diversity.

Click here to view more events

Trivia Game

Unique trivia question about Pittsburgh fun fact

☑

☐

☐

☐

Submit   Try Again

New to Our Site?

Are you a Human Resource Professional?

Are you considering moving to Pittsburgh?

Are you already living in Pittsburgh?

About Us   Contact Us   Our Members   About the Team

Logo Placed Here

Also a link to Homepage

Creative Banner Placed Here

Multiple changing pictures of Pittsburgh within the banner

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Today is: June 22, 2007

Includes an image in the corner

Mission Statement:

The mission of the Western Pennsylvania Diversity Initiative is to promote regional economic growth by providing resources to employers in the Pittsburgh region to attract, hire, and retain employees from a variety of diverse backgrounds and perspectives.

Upcoming Events

August 16 - 19 2007
2007 DiverseCITY Pittsburgh Festival

The Greater Pittsburgh Diversity Festival invites you to take part in the First Annual Celebration of our region's ethnic and cultural diversity.

Click here to view more events

Trivia Game

Unique trivia question about Pittsburgh fun fact

☑

Sorry the correct answer is B.
To learn more about this go to....

Try Again

New to Our Site?

Are you a Human Resource Professional?

Are you considering moving to Pittsburgh?

Are you already living in Pittsburgh?

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > Events

Featured Event

This is the event that the user clicked to view more information on. If they did not click to view more info, this is the event that is coming up the soonest.

Click here to go to the Diversity Festival web site

Other Upcoming Events

Event 1

Brief description about the other events that can be clicked on to view more info

Event 2

Brief description about the other events that can be clicked on to view more info

About Us   Contact Us   Our Members   About the Team

\#

\#

Logo goes here
Also a link to Homepage

Creative banner goes here
Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Admin Home > User

Advanced User

Users Name	User ID	Corporation	Access Level	Edit	Remove
				●	●
				○	○

Submit   Clear

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > HR Home > Blog Spot

Featured Blog

Click here to comment on this blog

Other Blogs

Titles of other blogs, click to view

Titles of other blogs, click to view

Titles of other blogs, click to view

Titles of other blogs, click to view

Blog Functions

Post your own blog

See blogs you posted

Delete a blog you posted

Edit a blog you posted

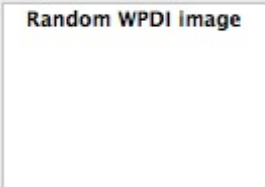About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > Who is the WPDI >

Random WPDI image

Who is the Western Pennsylvania Diversity Initiative?

This is a short informative piece about the WPDI history and vision.

The WPDI has many Corporate Friends and sponsors that support them.

Click here to view our Corporate Friends

The WPDI wants your feedback

Click here to contact the WPDI

About Us   Contact Us   Our Members   About the Team

Logo goes here

Also a link to Homepage

Creative banner goes here

Particularly the title of the chosen topic

| Who is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Home > Living in Pittsburgh > Diverse Community: Youth

Image of the youth community

Youth Community

Information about the location of the youth community.

Image of the youth community

Image of the youth community

Image of the youth community

About Us   Contact Us   Our Members   About the Team

Sample Website Layout

Western Pennsylvania Diversity Initiative

| Who Is the WPDI | Pittsburgh Attractions | Living in Pittsburgh | Events | Our Corporate Friends |

Today is: August 05, 2007

Mission Statement

The Western Pennsylvania Diversity Initiative is dedicated to promoting regional economic growth by providing resources to employers in the Pittsburgh region to attract, hire, and retain employees from a variety of diverse backgrounds and perspectives.

Upcoming Events

2007 DiverseCITY Pittsburgh Festival

The Greater Pittsburgh Diversity Festival invites you to take part in the First Annual Celebration of our region's ethinic and cultural diversity.

Pittsburgh Trivia

Which two Pittsburgh natives have become international icons?

- ☐ Mister Rodgers & Heinz Ketchup
- ☐ Sesame Street & Tabasco Sauce
- ☐ Spongebob & Coca-Cola
- ☐ Howdy Doody & Nestea

Submit   Play Again

New TO OUR SITE?

Are you a Human Resource Professional?

Are you considering moving to Pittsburgh?

Are you already living in Pittsburgh?

About Us   Contact Us   Our Members   About the Team

Site Map

```
                                    Home

Who is the WPDI?   Our Corporate Friends   About the Team   Pittsburgh Attractions   Living in Pittsburgh   Trivia Game   Link to HR Home page   Upcoming Events
```

About WPDI

Link to Corporate Friends   Contact WPDI

Employment   Link to living in Pgh   Schools   Link to events

Search box

Link to Pittsburgh Attractions   Diverse Communities

HR Home page

Featured Event

Link to Diversity Festival   Other Upcoming Events

Share Best Practices   HR Login Box   Blog Spot

View other blogs   View posted blogs   Blog Box

Comment on blog

```
                        Admin Home

Upcoming events      Corporate Friends      Advanced Users      Best Practice Documents
```

Edit an event   Add an event   Deactivate an event

Remove a friend   Add a friend   Edit a friend

Add an adv. user   Edit an adv. user   Remove an adv. user

Add a document   Edit a document   Remove a document

Graphic User Interface

Class Diagram

Clippings
clip_id
event_id
clip_url
clip_title
clip_text
clip_posted_by
clip_posted_on
clip_active

get()
setClipID(int)
setClipPostedBy(str)
setClipPostedOn(date)
setActive(int)
setEventID(int)
setClipText(str)
setClipTitle(str)
setCaption(str)
setClipUrl(str)
init(*clip_id*)
updateDB()
insertRecord()
deleteRecord()

Images
image_id
image_src
xsize
ysize
image_active
caption

get()
setImageID(int)
setImageSrc(str)
setXSize(varchar)
setYSize(varchar)
setImageActive(int)
setCaption(str)
init(*image_id*)
UpdateDB()
insertRecord()
deleteRecord()

Questions
ques_id
feedback_right
feedback_wrong
ques_image
ques_text
answers_array

get()
setQuesID(int)
setFeedbackRight(str)
setFeedbackWrong(str)
setQuesImage(str)
setQuesText(str)
init(*ques_id*)
updateDB()
insertRecord()
deleteRecord()

Documents
doc_id
doc_posted_by
doc_posted_on
doc_title
doc_path
doc_active
doc_text

get()
setDocID(int)
setDocPostedBy(str)
setDocPostedOn(date)
setDocActive(int)
setDocText(str)
setDocTitle(str)
setDocPath(str)
init(*doc_id*)
UpdateDB()
insertRecord()
deleteRecord()

Jobs
job_id
job_posted_on
job_posted_by
corp_id
job_active
job_title
description
job_url
dead_line_date

get()
setJobID(int)
setCorpID(int)
setJobPostedBy(str)
setJobPostedOn(date)
setJobActive(int)
setJobUrl(varchar)
setDeadLineDate(date)
setJobTitle(str)
setJobDescription(str)
init(*job_id*)
updateDB()
insertRecord()
deleteRecord()

Movers
mover_id
mover_first_name
mover_last_name
mover_title
mover_rank
mover_active
mover_bio
mover_image

get()
setMoverID(int)
setActive(int)
setMoverRank(int)
setMoverTitle(str)
setMoverFirstName(str)
setMoverLastName(str)
setMoverImage(str)
init(*mover_id*)
updateDB()
insertRecord()
deleteRecord()

Clippings

clip_id
event_id
clip_url
clip_title
clip_text
clip_posted_by
clip_posted_on
clip_active

---

get()
setClipID(int)
setClipPostedBy(str)
setClipPostedOn(date)
setActive(int)
setEventID(int)
setClipText(str)
setClipTitle(str)
setCaption(str)
setClipUrl(str)
init(*clip_id*)
updateDB()
insertRecord()
deleteRecord()

Images

image_id
image_src
xsize
ysize
image_active
caption

---

get()
setImageID(int)
setImageSrc(str)
setXSize(varchar)
setYSize(varchar)
setImageActive(int)
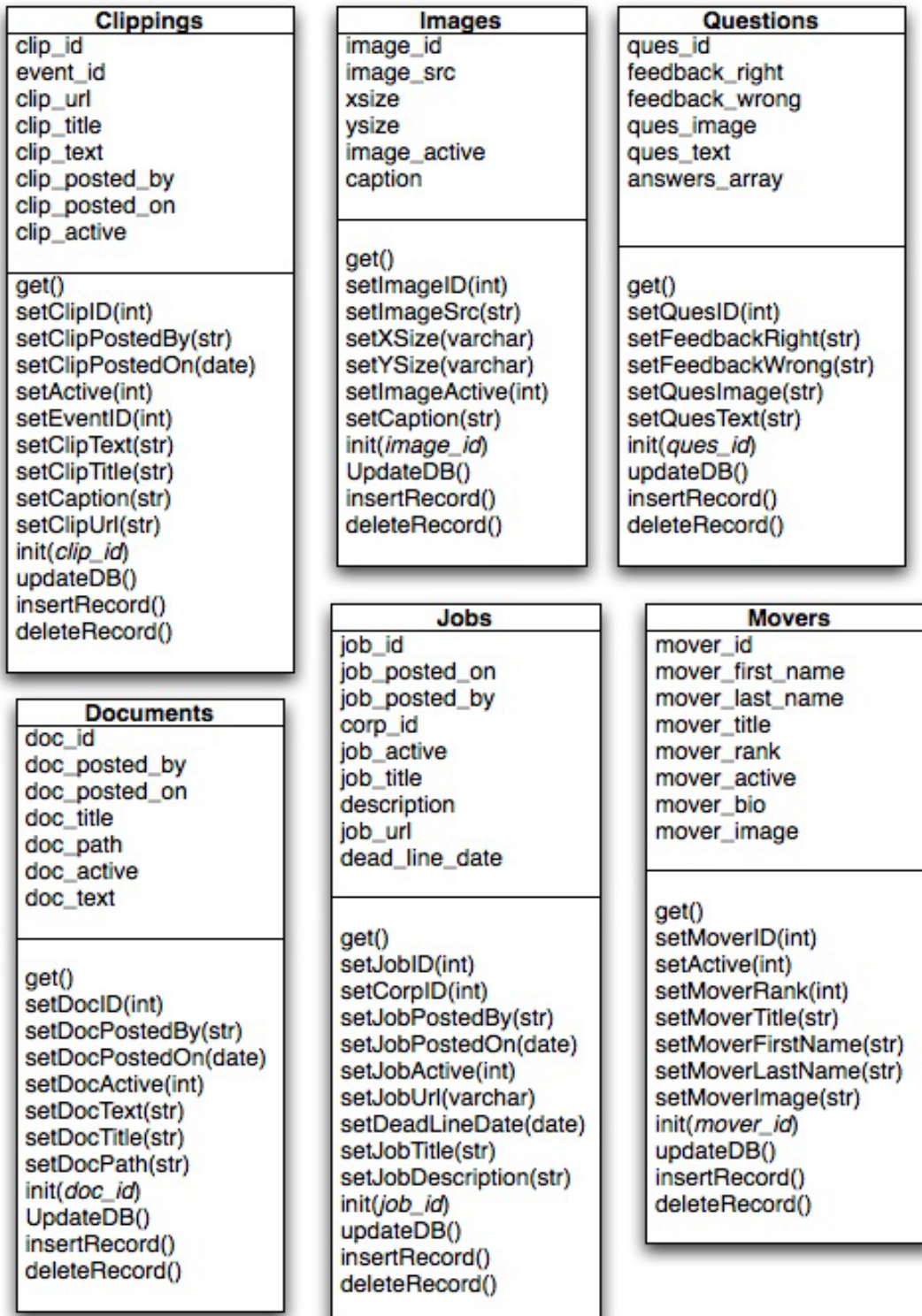setCaption(str)
init(*image_id*)
UpdateDB()
insertRecord()
deleteRecord()

Questions

ques_id
feedback_right
feedback_wrong
ques_image
ques_text
answers_array

---

get()
setQuesID(int)
setFeedbackRight(str)
setFeedbackWrong(str)
setQuesImage(str)
setQuesText(str)
init(*ques_id*)
updateDB()
insertRecord()
deleteRecord()

Documents

doc_id
doc_posted_by
doc_posted_on
doc_title
doc_path
doc_active
doc_text

---

get()
setDocID(int)
setDocPostedBy(str)
setDocPostedOn(date)
setDocActive(int)
setDocText(str)
setDocTitle(str)
setDocPath(str)
init(*doc_id*)
UpdateDB()
insertRecord()
deleteRecord()

Jobs

job_id
job_posted_on
job_posted_by
corp_id
job_active
job_title
description
job_url
dead_line_date

---

get()
setJobID(int)
setCorpID(int)
setJobPostedBy(str)
setJobPostedOn(date)
setJobActive(int)
setJobUrl(varchar)
setDeadLineDate(date)
setJobTitle(str)
setJobDescription(str)
init(*job_id*)
updateDB()
insertRecord()
deleteRecord()

Movers

mover_id
mover_first_name
mover_last_name
mover_title
mover_rank
mover_active
mover_bio
mover_image

---

get()
setMoverID(int)
setActive(int)
setMoverRank(int)
setMoverTitle(str)
setMoverFirstName(str)
setMoverLastName(str)
setMoverImage(str)
init(*mover_id*)
updateDB()
insertRecord()
deleteRecord()

ER-Diagram
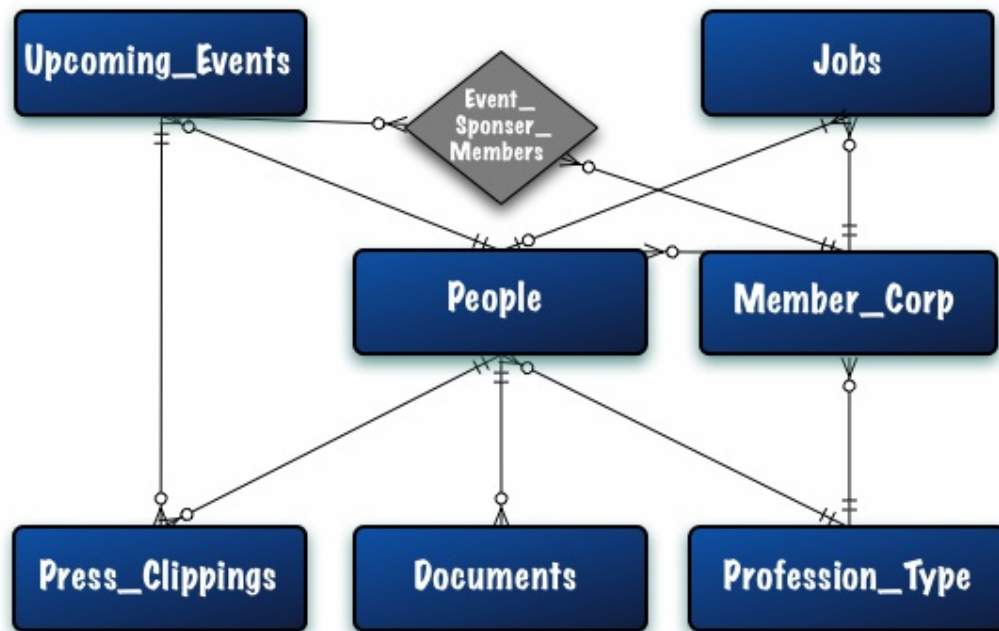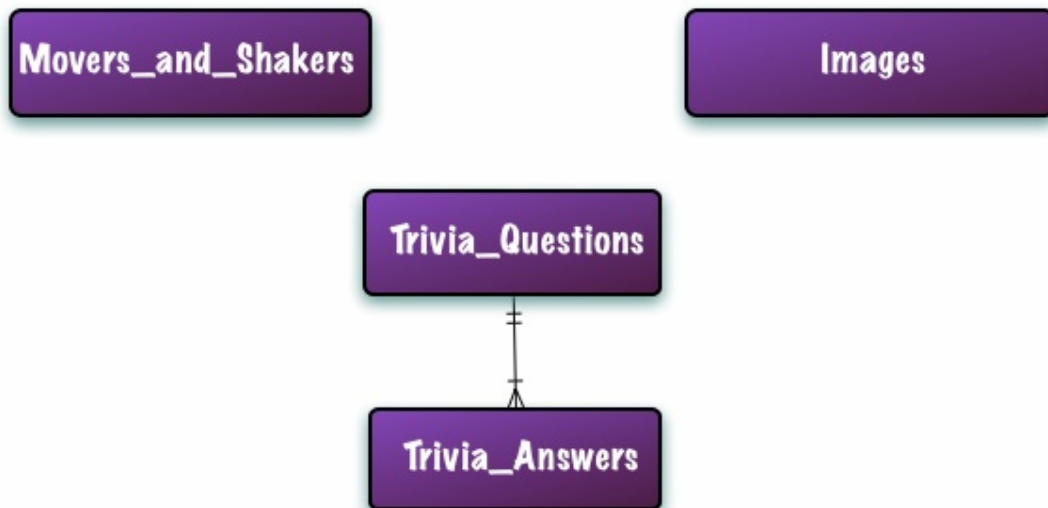
Database WPDI

Table structure for table Answers

Field	Type	Null	Default
answers_id	int(11)	Yes	NULL
ques_id	int(11)	Yes	
answer_text	varchar(255)	Yes	
answer_right	tinyint(4)	Yes	0

Table structure for table Clippings

Field	Type	Null	Default
clip_id	int(11)	Yes	NULL
clip_posted_by	varchar(30)	Yes	
event_id	int(11)	Yes	NULL
clip_active	tinyint(4)	Yes	1
clip_posted_on	date	Yes	
clip_title	varchar(255)	Yes	
clip_text	text	Yes	NULL
clip_url	varchar(255)	Yes	NULL

Table structure for table CorporateEvents

Field	Type	Null	Default
event_id	int(11)	Yes	
corp_id	int(11)	Yes	

Table structure for table Corporations

Field	Type	Null	Default
corp_id	int(11)	Yes	NULL
profession_id	int(11)	Yes	
address	text	Yes	
exp_date	date	Yes	
member_since	date	Yes	
corp_image	varchar(255)	Yes	NULL
corp_url	varchar(255)	Yes	
primary_phone	varchar(12)	Yes	
corp_name	varchar(100)	Yes	

Table structure for table Documents

Field	Type	Null	Default
doc_posted_by	varchar(30)	Yes	
doc_posted_on	date	Yes	
doc_id	int(11)	Yes	NULL
doc_active	tinyint(4)	Yes	1
doc_path	varchar(255)	Yes	
doc_title	varchar(255)	Yes	

Table structure for table Employees

Field	Type	Null	Default
user_id	int(11)	Yes	NULL
corp_id	int(11)	Yes	
primary_contact	tinyint(4)	Yes	NULL
password	varchar(25)	Yes	
profession_id	int(11)	Yes	
email	varchar(100)	Yes	
first_name	varchar(25)	Yes	
last_name	varchar(25)	Yes	
access_level	int(11)	Yes	
user_name	varchar(30)	Yes	

Table structure for table Events

Field	Type	Null	Default
event_id	int(11)	Yes	NULL
event_posted_by	varchar(20)	Yes	
display_date	date	Yes	
event_url	varchar(255)	Yes	NULL
start_date	date	Yes	
end_date	date	Yes	
start_time	time	Yes	NULL
end_time	time	Yes	NULL
event_description	text	Yes	
event_name	varchar(255)	Yes	
event_posted_on	date	Yes	
event_image	varchar(255)	Yes	NULL
location	varchar(255)	Yes	NULL

Table structure for table Images

Field	Type	Null	Default
image_id	int(11)	Yes	0
image_src	varchar(255)	Yes	
caption	text	Yes	NULL
xsize	varchar(255)	Yes	NULL
ysize	varchar(255)	Yes	NULL
image_active	tinyint(4)	Yes	NULL

Table structure for table Jobs

Field	Type	Null	Default
job_id	int(11)	Yes	
corp_id	int(11)	Yes	
job_posted_by	varchar(30)	Yes	
job_title	varchar(255)	Yes	
job_posted_on	date	Yes	
dead_line_date	date	Yes	
description	text	Yes	NULL
job_active	tinyint(4)	Yes	1
job_url	varchar(255)	Yes	NULL

Table structure for table Movers

Field	Type	Null	Default
mover_id	int(11)	Yes	NULL
mover_first_name	varchar(25)	Yes	
mover_last_name	varchar(25)	Yes	
mover_bio	text	Yes	
mover_image	varchar(255)	Yes	
mover_rank	int(11)	Yes	
mover_title	varchar(255)	Yes	

Table structure for table Professions

Field	Type	Null	Default
profession_id	int(11)	Yes	NULL
profession_name	varchar(50)	Yes	

Table structure for table Questions

Field	Type	Null	Default
ques_id	int(11)	Yes	NULL
ques_text	varchar(255)	Yes	
feedback_right	varchar(255)	Yes	
feedback_wrong	varchar(255)	Yes	
ques_image	varchar(255)	Yes	NULL

Data Dictionary

Project Implementation Plan

For phase #3, the project will be separated into the following sections:

1. Individual page layout
2. Site map
3. Color scheme
4. Coding
5. Database
6. Implementation
7. Documentation

The deadline for the project is July 13th. Major coding on this section will begin on June 25, which gives us approximately three weeks to finish the project. The coding part of the project will be divided into various parts, depending on the pace and understanding of each team member.

This success of this project depends on the Use Cases, ER-diagrams and the Entity classes that were developed during Phase Two by the team and Professor Heimann. The coding depends largely on the accuracy of these classes. It is predicted that all of the classes will be completed and tested before implementation.

The features will be broken up by difficulty and by the skill sets of all of the team members.

Week 1 (Due June 29th)	Week 2 (Due July 6th)	Week 3 (Due July 13th)

Layouts update
Site maps update
Database population
Site content
Color schemes
Trivia game
Add / Edit / Remove Events
	Blogs
	Link Database to the site
	Graphical features
	Images
	Logins
	Security
		Testing by actors
		   -General users
		   -HR Professionals
		   -Administrator settings
		User testing
		Fixing problems
		Documentation
		Upload to the server

Assuming that everything will go as planned, and all the tasks for the upcoming weeks will be completed on its due date, this website will be active and ready to use on schedule.

Time Accounting

Feasibility Update

In the statistics shown in the Phase One report dealing with the total time calculated to complete the projects, it was found that it would take 112 individual hours per week to complete all tasks, features, and the overall website. This was an unrealistic and unfeasible goal which would have lead to a delayed and unfinished project. The use cases were prioritized based on the client's primary needs, down to certain additional features that will be good to have. The use cases that were taken out of the project were level B and C use cases. The reason those use cases were removed was because they were not essential for creating a good website. Removing those use cases cut the project hours in half (56 individual hours per week) and has made the project much more realistic.

Now that we have the individual hours under control, other issues have caught our attention. Some team members are not completing the number of work hours in order to make the project completion possible and other team members have been doing extra work to make sure deadlines are met. As a result, this leaves some of our hardest working team members drained and could lead to less quality work. This project could increase in difficulty if certain team members remain unreliable.

The original project plan, which had tasks assigned to specific team members, was changed in accordance with the pace, skill, and willingness of each team member. All the tasks were completed on time so the project is still progressing as scheduled; therefore it is reasonable to assume that the scope set by our earlier calculation was accurate. As we approach the programming aspect of the project, it will become clearer as to whether we will have any technical difficulties with the project.

QA Manager's Report

In Phase One, there were many imbalances in the amount of work each team member completed. Some team members did the majority of the work; while others did little to contribute to the project. To avoid repeating this error, the Project Manager decided to assign each team member specific tasks for Phase Two.

Defect Prevention

The team tried to prevent defects in teamwork by talking to teammates and allowing all issues to be aired out in a diplomatic manner with a faculty member to moderate. The Project Manager then assigned each task to two individuals to help with accountability. He also tried to insure that the tasks were completed in a timely fashion by assigning deadlines. Had this process been followed, Phase Two would have been relatively simple to complete. However, there were many deviations from the original plan.

Defect Appraisal

The deadlines and pairing up with team members was to help uncover some of the defects in work before it came time for the Quality Assurance Manager to review them. This process worked at times, but the team pairs mostly separated the work between them and handled tasks alone. This led to a lot of uncorrected work being turned in the night before the phase report was due.

Defect Correction

The final result was that the majority of corrections were made the night before the phase report was due. Work was rewritten, resubmitted, and reviewed through the "Bronze, Silver, and Gold" stages.

Cost of Quality

There were 179 reported working hours, and 50 of those hours were spent in revisions. This means that roughly 28% of our work was spent in the editing or rewriting of work. As a result, the team is being counterproductive with their efforts. If the re-writing process had been cut in half to 25 hours, it would have allowed all of the team members to be in bed by midnight and get a full night's rest. In order to improve productivity, the team must manage their time more efficiently and follow the method the Project Manager originally set for the team.

Project Metrics

Process Quality Metrics

Hours Worked by QA Manager
This phase report was much better planned than the previous. Almost all of the team members did their part as expected. The previous phase lacked the understanding that every team member had to contribute in Quality Assurance activity. Because every team member did not contribute to QA activity in Phase 1, the 12 hours before the phase report was due were excruciating, as our QA Documentation Manager stayed up over night to complete the necessary tasks.

Number of tasks sent back to previous level, associated date
Since the team used the level based reviewing system for this phase, there were 6 tasks sent back to the previous level. The use case narratives were redone, along with the data dictionary, the test case narratives, the graphic user interface outline, the risk management report and feasibility report. We counted all of these tasks as wasted time.

Summary/Comments

For this report, the team spent a little over 20 hours on QA activity. Since most of the Phase 2 tasks were about system design and the other various sections of the report were related to one another, the team thought that most hours would be needed for QA activity. Therefore, almost all of the team members participated in QA activity.

Project Status/Progress Metrics

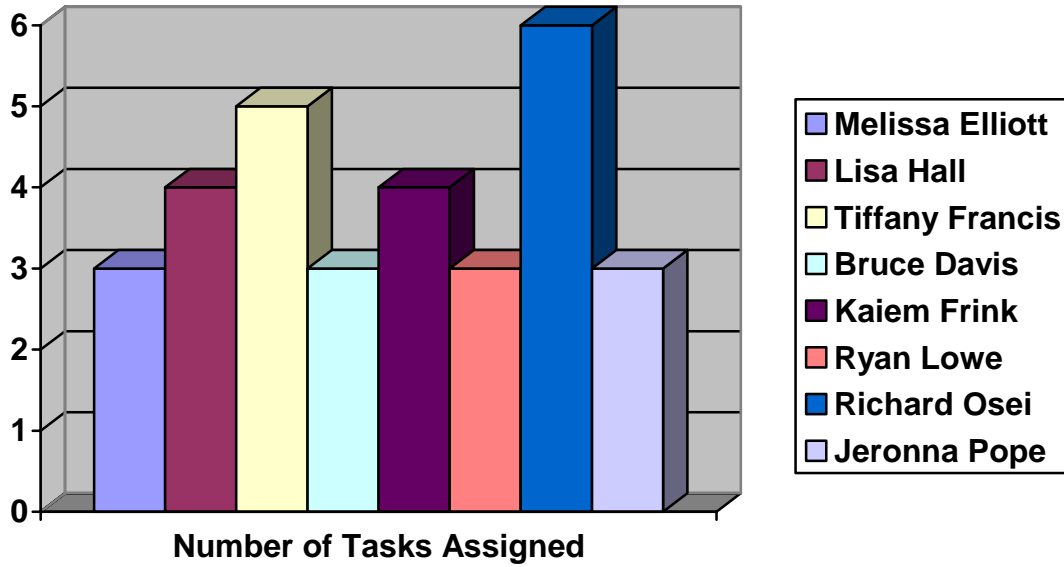*Percent of tasks completed on time per person and as a team*

There were a total of 33 tasks assigned for Phase 2, and 14 of those were done by the assigned deadline.

The table below shows the number of tasks that were assign to a team member, the assign date and the date it was due.
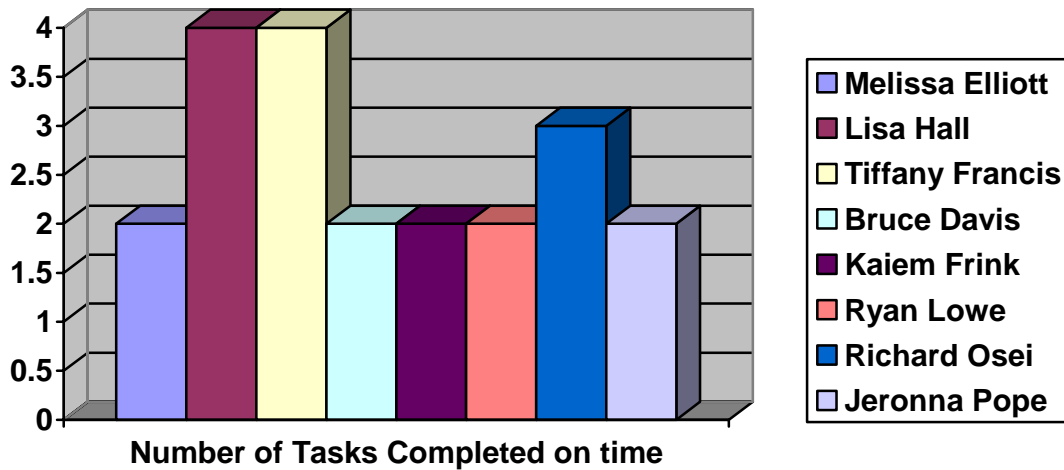
Team Member / Group	Number of Tasks Assigned	Number of Tasks Completed on time	% of assigned task completed on time
Melissa Elliott	3	2	66.66
Lisa Hall	4	4	100
Tiffany Francis	5	4	80
Bruce Davis	3	2	66.66
Kaiem Frink	4	4	100
Ryan Lowe	3	2	66.6
Richard Osei	6	3	50
Jeronna Pope	3	2	66.6

Chart of Number of tasks assign to a team member

Number of Tasks Assigned

Legend:
- Melissa Elliott
- Lisa Hall
- Tiffany Francis
- Bruce Davis
- Kaiem Frink
- Ryan Lowe
- Richard Osei
- Jeronna Pope

Number of Task completed on time

Number of Tasks Completed on time

Legend:
- Melissa Elliott
- Lisa Hall
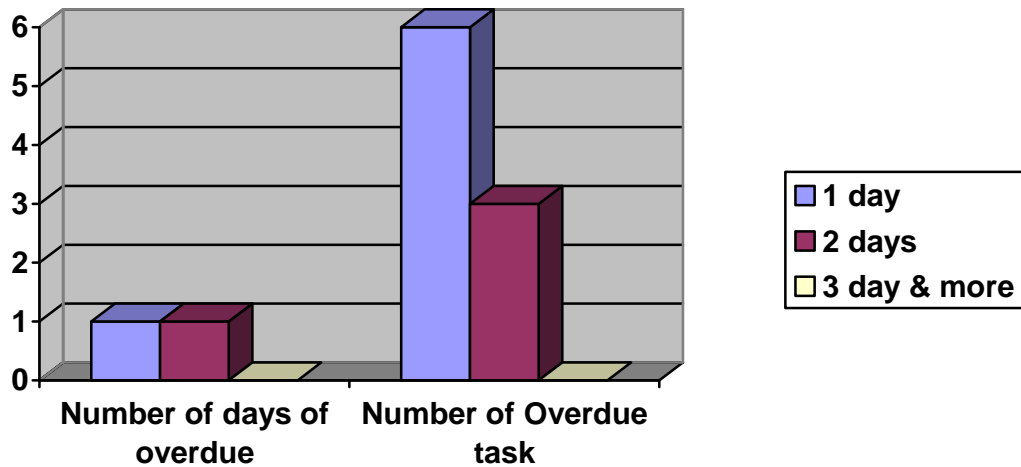- Tiffany Francis
- Bruce Davis
- Kaiem Frink
- Ryan Lowe
- Richard Osei
- Jeronna Pope

Percentage of task completed on time
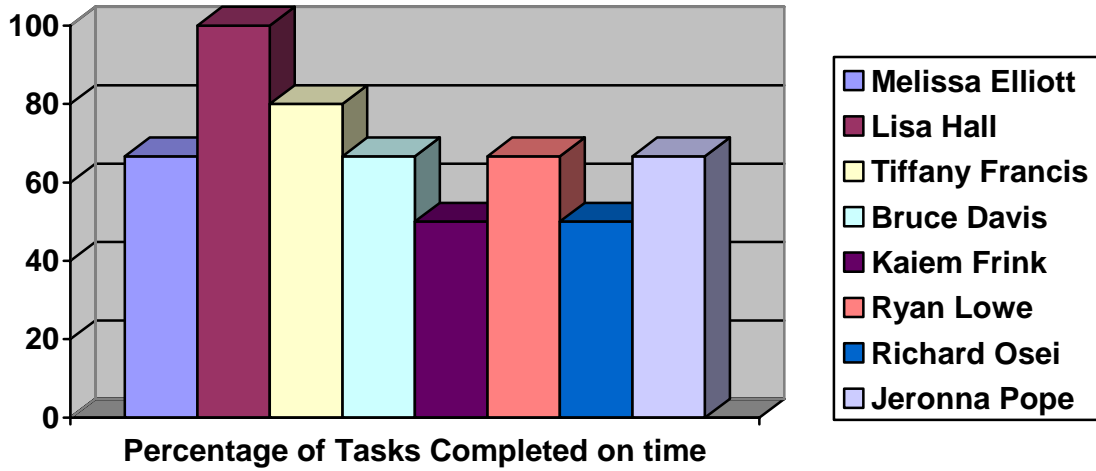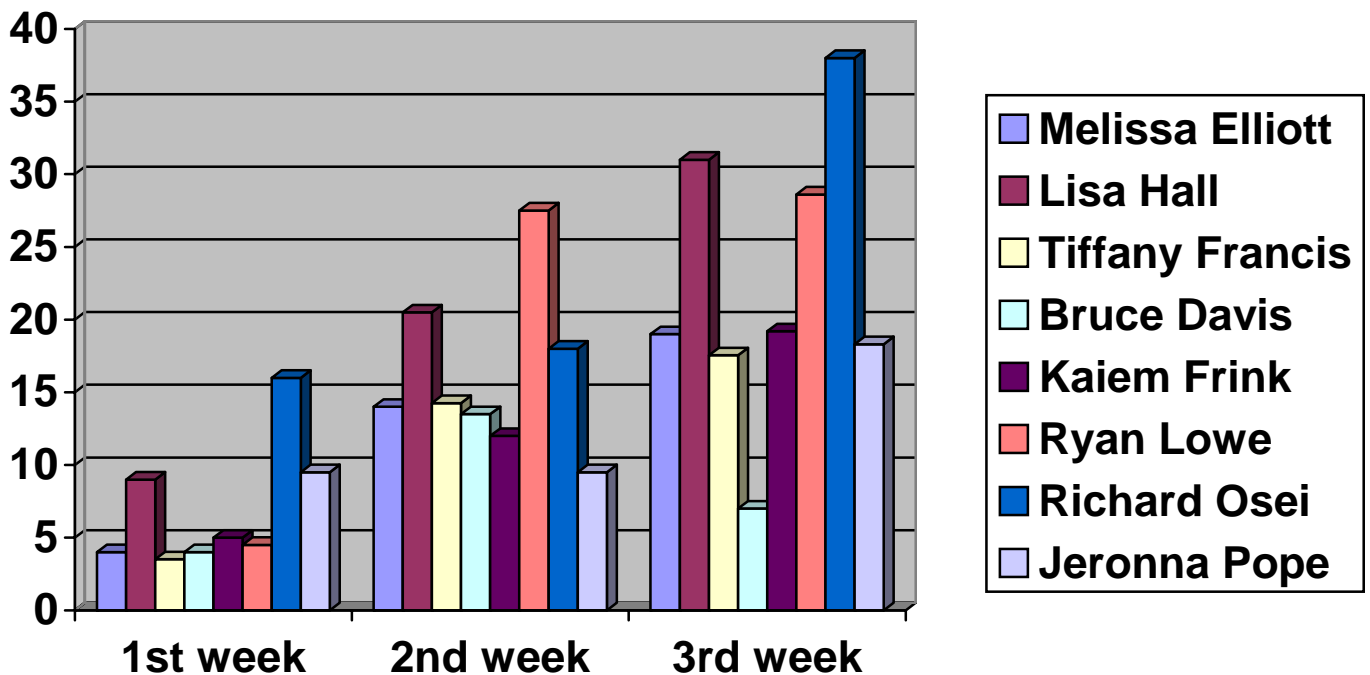

Average number of days overdue

The average number of days for tasks turned in overdue
= (6 * 1day + 3 * 2days + 0 * 3 days) / total task over due = 1. 33 = 1.3 days

Task of individual hour per week

Summary / Comments

During Phase 2, about 68.32% of the tasks assigned to the team members were done on time. This number is far below the number that the team expected. However, the team only had one and a half weeks to work on the Phase 2 report. The schedule was tight and the entire team members had to manage their time well to complete the assigned work on time. The average number of days for overdue tasks was 1.3 days, which is a considerably low time factor.

Task Analysis

Risk Analysis

1. Worrisome Hardware Stability

There may be times when the server is down and we are unable to access our files.

Likelihood of occurrence: Low

Impact of Risk realized: Catastrophic

Warning Signs: A Professor may come in and say the server is going down, but sometimes there aren't any warnings for server failure.

Abatement Strategy: Copy all files to a portable drive.

Problems:	The server has gone down but all files were preserved.

2. Miscommunication with the Client

Miscommunication with the client can lead to an unsatisfied client. It will waste a lot of time if the client's goals and the team member's goals are not aligned.

Likelihood of occurrence: Low

Impact of Risk realized: Catastrophic

Warning Signs:	The client's belief that all expectations are to be met, or continue to try to change requirements in the final stages.
Abatement Strategy:	Keeping communication lines open, presenting proper timelines and projecting realistic ideas of what is feasible.
Any Problems:	No problems have occurred with the client as of yet.

3. Limited Knowledge of Database Usage

Likelihood of occurrence: Medium

Impact of Risk realized: Catastrophic

Warning signs:	Time lines are not being met, Lack of explanation of database functionality. Lack of database experienced, lack of experienced with programming.
Abatement Strategy:	Keeping the project in perspective and learning to ask for assistance when needed.

5. Lack of Interaction between Software Personnel

Miscommunication between the team members can lead to an unsatisfactory product. It can lead to two different understandings of how the software should look and function. This could create a potential opportunity of not meeting deadlines, which will result in bugs within the product.

Likelihood of occurrence: Medium

Impact of Risk realized: Catastrophic

Warning Signs: Team members not able to explain why functionality is present, data types not linking to appropriate data fields.

Abatement Strategy: Keeping communication lines open, each team member understanding the processes that are taking place within each person assigned lead.

4. Team Conflict

If there is dissension within the team then it will be difficult to get work done. Communication will break down and hostilities will rise.

Likelihood of occurrence: High

Impact of Risk realized: Moderate

Warning Signs: Team members not pulling their weight, unreachable, unwilling to compromise, not respecting team members.

Abatement Strategy: Keeping communication lines open, controlling tempers and talking calmly, remembering the common goal.

Problems: There have been team members unwilling to cooperate, communication going one-way, lack of respect, and distrust.

What was done: Team members discussed their issues in a diplomatic format with a faculty moderator. The defecting team members resolved to do better.

Why this is still an issue: Some team members have not fulfilled their duties to the team and have remained defensive and uncooperative.

Problem Analysis and Issues

Team and Schedule Management

A potential concern is appropriate delegation of task. While developing a schedule for the team, the skills, willingness to work, and pace of each individual should be taken into consideration. The schedule was created open-mindedly, and assumed that the team members were up to the task presented to them. This resulted in team members taking on switching roles throughout the week, or taking on additional roles when other team members were lacking. Although the work was distributed evenly, tasks may have been mismatched to the team member's abilities. For Phase Three, there should be a little more discussion as to who is assigned to what task to encourage team harmony.