Project Plan

By: Katrina Connors, Tavon Pourboghrat, Steven Aldridge
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Points

• Statement of Work
• Resource List
• Roles
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• Schedule
Statement of Work

• We are developing Interactive Simulation-based Virtual Classroom for the Illinois Board of Education

• This Project will be a web-based course management system with open-source simulations

• The project will offer teachers an opportunity to use open-source simulations and base a lesson plan around them
Resource List

• Google Apps Engine
• Personal and Computer Science Lab computers for programming
• Database Software (Oracle)
• Internet Access
Work Breakdown

- Team Leader
- Researcher
- Interface Designer
- Web Developer/Google Apps Developer
- Database Interaction
- GUI Implementation
- Tester
Work Breakdown

• Team Leader- Katrina Connors
  • This person is responsible for managing the team. She is responsible for setting up team meetings, initiating contact with the client, and ensuring the completeness of submissions. She will also ensure that everything is submitted within a deadline.

• Researcher- Tavon Pourboghrat, Steven Aldridge, Katrina Connors
  • The researchers are responsible for finding pertinent information to the project in order to include all necessary features.

• Interface Designer- Tavon Pourboghrat, Steven Aldridge, Katrina Connors
  • The interface designers are in charge of sketching a representation of the final graphical user interface.
Work Breakdown

• Web Developer/Google Apps Developer- Steven Aldridge
  • This person is in charge of deploying the application to Google Apps. This person will also make sure that the project works in the web browser.

• Database Interaction- Katrina Connors
  • This person is in charge of creating a database for all necessary information that needs to be stored. This person will also ensure that there are queries created for every necessary function of the program.
Work Breakdown

• GUI Implementation- Tavon Pourboghrat
  • This person is in charge of taking the GUI design and putting it into code so that it reflects the drawings. This person will also link the GUI to the various actions that need to be performed.

• Tester- Tavon Pourboghrat, Katrina Connors, Steven Aldridge
  • The testers will be in charge of fully testing the code created by the programmers. The testers will ensure that the finished code meets all the requirements for the project. The testers will be expected to test throughout the coding process as well as at the end.
Project Schedule

- Project Design
- GUI Design
- GUI Implementation
- Database Implementation
- Web-based Implementation
- Joining All Features
- Project Testing

All adjacent features to the right of the vertical grey box are dependent on those to the left of the box.
Risks- Inexperience with Google Apps

• Probability- 100%
• Impact- Since this is the environment the project will run on, we will have to spend extra time researching how to make it work.
• Actions- The team will have to do individual research. Each group member needs to gather information related to their specialization.
Risks- Team Availability

• Probability- 60%

• Impact- The group members have conflicting school schedules. Finding times for meetings can be difficult. Some parts of the project can only be done in a group setting, and if all group members are not available, then deadlines may not be met.

• Actions- The group leader must find out the schedule of every member and work around these schedules. The group will use every moment available to meet and discuss the project.
Risks- Software May Not Meet Customer’s Needs

• Probability – 15%

• Impact- This will affect the final project and the satisfaction that the customers will have with it.

• Actions- The team will make efforts to meet with the stakeholders, as well as make sure that the stakeholders have a clear understanding of our vision and scope.
Questions?