

Quality plan

To ensure the highest quality for this project, behavior-driven development will be used. Bit Bucket and Dropbox will be used by the team to maintain version control and organize project materials.

The project will be rigorously tested to ensure functionality and usability for the client. The tests will break down the project into major functions provided to the client, such as badge tracking. Each function will be tested for functionality to the client's specifications and then tested for usability using either the client or other test subjects with the main focus being that the client can use that specific function. Analysis will most likely be conducted in person and monitored by one of the team members. Results will be created using notes from the analysis and stored on Dropbox or Bit Bucket. The notes taken should specify how the subject reacted to the system such as time it takes to perform a certain task and visual cues given by the subject. The results from the test will be used to provide feedback on the system. Any changes suggested by the test will be noted and given a priority in development of the system. A test will be successful if the subject and a developer on the team can perform the given task with no visual trouble. The developer conducting the analysis with the subject in person will decide whether a test is successful or not.

Communication with the client will be maintained on a weekly basis. Communication will either be conducted through e-mail or in person. During in-person communication, notes will be taken to ensure all important points are noted. As the project becomes more functional, demonstrations will be conducted in-person so the client can see progress in the project.