**Team 21 - Bash Guardians - Party Guard iOS – Yashwanth Teja Mangalapally**

**Client Name: Jacob Stansbury**

**Team member roles & responsibilities:**

Spandana - S524987 - Primary Contact  
Pushpak - S525004 - Issues Management  
Vinod - S525117 - Communications and Documentation Management  
Yashwanth - S525056 - Quality and Testing Management  
Nandeesh - S525120 - Requirements Management  
Naveen - S525051 - Data Management  
Sanjeev - S525034 - Client Management

I’m responsible for the quality and testing management. I need to test the application for proper validations and see to it that the application doesn’t hang-up. We are using BitBucket for Code sharing and Trello for progress check. We are almost done with our user interface design. I have performed unit testing on all the screens. My responsibility also includes writing test cases and integration testing. The screens on which I have performed testing include

* Login screen
* User registration
* PG team screen
* Fraternities list screen
* Issue reporting screen
* Issue collection by host user
* Application information guide
* History of reported events.

**Accomplishments:**

Successfully performed testing of Partyguard iOS application, remaining work is to deploy the application on a client's device and make source code copies in a DVD.

Things learned and produced:

**Things Learned:**

1. I have learnt how to test iOS application manually. I learnt how to check the requirements against the input fields like a phone number should consist of 10 digits.
2. I have learnt how to write test cases using assumptions and preconditions.
3. I have learnt how to perform usability testing and how to jell well with the team members.
4. I have learnt how to collaborate with other teams in performing integration testing.
5. I have enhanced my presentation skills and also learnt about Jasmine and Karma testing.

**Things Produced:**

1. A comprehensive test plan that specifies the entire plan of how the application is tested and to compare the expected and actual test design.

[https://drive.google.com/file/d/0B9iZa-k0WjKFcFRlNnVSOFRULU0/view?usp=sharing (Links to an external site.)](https://drive.google.com/file/d/0B9iZa-k0WjKFcFRlNnVSOFRULU0/view?usp=sharing)

1. Unit testing and its results where every field is tested.

[https://bitbucket.org/bashguardians/bashguardians/src/2fcfdaed76c2f53ae261e3d0464915ce150d307b/Unit%20Test%20results.docx?fileviewer=file-view-default (Links to an external site.)](https://bitbucket.org/bashguardians/bashguardians/src/2fcfdaed76c2f53ae261e3d0464915ce150d307b/Unit%20Test%20results.docx?fileviewer=file-view-default)

1. Usability Testing where we checked how easy it is to use the application.

[https://bitbucket.org/bashguardians/bashguardians/src/2fcfdaed76c2f53ae261e3d0464915ce150d307b/UsabilityTestPlan.docx?fileviewer=file-view-default (Links to an external site.)](https://bitbucket.org/bashguardians/bashguardians/src/2fcfdaed76c2f53ae261e3d0464915ce150d307b/UsabilityTestPlan.docx?fileviewer=file-view-default)

**Artifacts on which we are working on**:

 Documentation of the project and a few services which are to be implemented.

**Challenges Faced**:

* Acquiring permissions from university police for implementing the emergency button.
* Collaborating with the web services team to integrate the services.