**Project Name**: Party Guard iOS **Prepared by**: Yashwanth Teja Mangalapally

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**1.** **Introduction:**

## 1.1 Purpose:

To prepare the test plan for Party Guard iOS application.

**1.2 Scope:**

It is a mobile application designed for users to help prevent sexual assaults and accidents at parties. There are three different types of users for this application, basic user, guard user and the host user. The host user creates a profile of their fraternity house by giving details like contact information, area and appoints guard users. The host user and guard users will get alerts/notifications of specific situations to be solved from the basic user. The basic user creates an account. After the account is created they can open the application during a party to report any situation for which host user and guard user will be responsible for solving the problem. If the problem is not solved Emergency button can be used to send an alert to the police.

**1.3 Project Identification:**

The table below identifies the documentation and availability used for developing the test plan.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Document  (and version / date) | Created or Available  (Yes/No) | Received or  Reviewed  (Yes/No) | Author or Resource | Notes |
| Requirements Specification | Yes |  | BashGuardians |  |
| Functional Specification | No |  |  |  |
| Use-Case Reports | Yes |  | BashGuardians |  |
| Project Plan | No |  |  |  |
| Design Specifications | Yes |  | BashGuardians |  |
| Prototype | Yes |  | BashGuardians |  |
| User’s Manual | Yes |  |  |  |

**2. Test Approach:**

Testing will be carried in various stages with different types.

**2.1 Testing Stages: -**

**2.1.1 Unit Testing:**

**Unit testing will be done by developers after development.**

**2.1.2 Integrated Testing:**

**Integration testing will be done by integrating each screen with Services.**

**2.1.3 System Testing:**

**System testing will be done by all the teams of Party Guard (iOS, Android, website & Services)**

**2.1.4 Acceptance Testing:**

**Acceptance Testing will be done by the client.**

**2.2 Testing Types: -**

|  |  |
| --- | --- |
| Test Objective: | To test the user interface of the application. |
| Technique: |  |
| Completion Criteria: |  |
| Special Considerations: |  |

**2.2.1 GUI Testing:**

**2.2.2 Functional Testing:**

|  |  |
| --- | --- |
| Test Objective: |  |
| Technique: |  |
| Completion Criteria: |  |
| Special Considerations: |  |

**2.2.3 Performance Testing:**

**2.2.3.1 Performance Profiling:**

|  |  |
| --- | --- |
| Test Objective: |  |
| Technique: |  |
| Completion Criteria: |  |
| Special Considerations: |  |

|  |  |
| --- | --- |
| Test Objective: |  |
| Technique: |  |
| Completion Criteria: |  |
| Special Considerations: |  |

**2.2.3.2 Load Testing:**

**2.2.4 Configuration Testing:**

|  |  |
| --- | --- |
| Test Objective: |  |
|  |  |
| Technique: |  |
| Completion Criteria: |  |
| Special Considerations: |  |

|  |  |
| --- | --- |
| Test Objective: |  |
| Technique: |  |
| Completion Criteria: |  |
| Special Considerations: |  |

**2.2.5 Installation Testing:**

**2.2.6 Browser Testing:**

|  |  |
| --- | --- |
| Test Objective: |  |
| Technique: |  |
| Completion Criteria: |  |
| Special Considerations: |  |

**3. Test Deliverables:**

The following are the test deliverables:

1. Test Plan

2. Test Case

3. Summary Report

4. Deployment Guide

5. Developer’s Manual

**4. Environmental Needs:**

|  |  |
| --- | --- |
| **Machine** | **Configuration** |
| Server |  |
| Client |  |

**4.1 Hardware:**

**4.2 Software:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Machine** | **OS** | **Browser** | **Software Required for testing** |
| Server |  |  |  |
| Client |  |  |  |

**4.3 Tools:**

**5. Staffing:**

**5.1 Responsibilities:**

|  |  |
| --- | --- |
| Test Plan |  |
| Test Case |  |
| Manual Testing |  |
| Automated Testing |  |

**5.2 Training:**

**6. Dependencies/Risks:**

**7. Schedule and Milestones:**

**7.1 Schedule:**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Testing Type** | **Unit Testing** | | | **Module Testing** | | | **System Testing** | | |
| **GUI** | **Functional** | **Perform-**  **ance** | **GUI** | **Functional** | **Performance** | **GUI** | **Functional** | **Perform-**  **ance** |
| **Schedule Date** | 12/12/2001 |  |  |  |  |  |  |  |  |

**7.2 Milestones:**

|  |  |
| --- | --- |
| **Module Name** | **Release Date** |
|  |  |
|  |  |

**8. Approvals:**

|  |  |  |
| --- | --- | --- |
|  | Project Manager | Quality Manager |
| Name |  |  |
| Signature |  |  |