**Test and Verification Document for Sonim Rugged Phone XP3340**



**Test Case 1: Amber Key is Pressed**

*Purpose:*

1. When a user presses the coloured amber '2' on the keypad, verify that the lone worker is checked into SafetyLine by displaying a notification message that includes last login time, GPS location, and the next check in time.

*Requirement Traceability:*

SafetyLine web application.

*Setup:*

1. On the phone, go to **Menu** **> My files > Phone > Java (or Others)**

2. Select a .jad file named "Two".

3. It would ask if you want to download, select "Yes".

4. Afterwards, go back to the main menu and the application should be under Apps.

*Test Data:*

|  |  |  |
| --- | --- | --- |
| **Action** | **Input** | **Expected Output** |
| Checking in | Hold down '2' on the keypad | Notification message that says "Checked into SafetyLine", the last check in time, GPS location, and the next check in time. |
| Check the SafetyLine web app | Login username and password | Under the User "Phone XP3340, Sonim", the status should say "OK" |

*Screenshots:*

**Test Case 2: Green Key is Pressed**

*Purpose:*

1. When a user presses the coloured green '3' on the keypad, verify that the lone worker is signed off from SafetyLine by displaying a notification message that includes a duration of the check in.

*Requirement Traceability:*

SafetyLine web application.

*Setup:*

1. On the phone, go to **Menu** **> My files > Phone > Java (or Others)**

2. Select a .jad file named "Three".

3. It would ask if you want to download, select "Yes".

4. Afterwards, go back to the main menu and the application should be under Apps.

*Test Data:*

|  |  |  |
| --- | --- | --- |
| **Action** | **Input** | **Expected Output** |
| Checking in | Hold down '3' on the keypad | Notification message that says "Signed off from SafetyLine" and duration of the check in time. |
| Check the SafetyLine web app | Login username and password | Under the User "Phone XP3340, Sonim", the status should say "OK" |

*Screenshots:*

**Test Case 3: Alarm is Pressed**

*Purpose:*

1. When a user presses the red button on the side of the phone, verify that the lone worker is alerted to SafetyLine by displaying an emergency message.

*Requirement Traceability:*

SafetyLine web application.

*Setup:*

1. On the phone, go to **Menu** **> My files > Phone > Java (or Others)**

2. Select a .jad file that contains the code for the alarm button.

3. It would ask if you want to download, select "Yes".

4. Afterwards, go back to the main menu and the application should be under Apps.

*Test Data:*

|  |  |  |
| --- | --- | --- |
| **Action** | **Input** | **Expected Output** |
| Checking in | Hold down the red button of the side of the phone | Notification message that says “Emergency toggled to SafetyLine" |
| Check the SafetyLine web app | Login username and password | Under the User "Phone XP3340, Sonim", the status should say "OK" |

*Screenshots:*