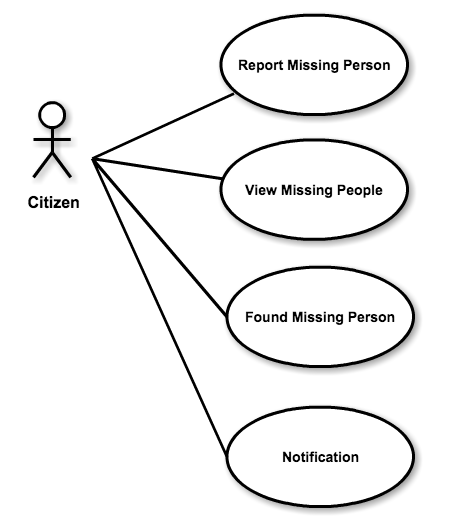
Iterations 5 - Requirement

*Team ID/Name: SB1-SoS*

|  |  |  |
| --- | --- | --- |
| **Team** | **Iteration 5 Proposal** | **Approved** |
|  | **Step 1: User Story Motivation**  **As** a Citizen who lost contact with another citizen in an emergency situation  **I want to** be able to utilize community resources to find the person  **so that** I can ensure their safety. | Y/N  Value: 3 |
| **Faculty/TA Comments:** | |
| **Step 2: UI Mockups**  Link:  <https://popapp.in/w/projects/56412a8e0ddf6b4075874adb/mockups>  Preview:  <https://popapp.in/w/projects/56412a8e0ddf6b4075874adb/preview> | Y/N  Value: |
| **Faculty/TA Comments:** | |
| **Step 3: Elaboration - User Story with Acceptance Criteria**  See below | Y/N  Value: |
| **Faculty/TA Comments:** | |



**User Story with Acceptance Criteria**

(Gherkin notation: Given/When/Then with And as needed)

* **Story 1: View All Missing People**

**As** a concerned Citizen

**I want to** be able to view a list of missing people

**so that** I can recognize and report people when I find them.

* **Scenario: View Missing People Page**

**Given** a Citizen is logged into the system **When** the Citizen opts to view missing people list from the main menu

**Then** the list of missing people is displayed  
**And** the Citizen can select an action (as per the **Missing People Action** rule)

* **Scenario: Browse Missing People List**

**Given** a Citizen is logged into the system and is viewing the missing people list **When** the Citizen selects the “Pass” option or uses swipe gesture

**Then** the next missing person is displayed in the list  
**And** the citizen can select an action (as per the **Missing People Action** rule)

* **Story 2: Report A Missing Person**

**As** a concerned Citizen who cannot find a person in an emergency situation

**I want to** be able to report missing person

**so that** people can be aware of the missing person and help find them.

* **Scenario: Select Report Missing Person Option**

**Given** a Citizen is logged into the system and is viewing the missing peoples list

**When** the citizen selects the report missing person option

**Then** the system displays the missing person form

**AND** asks the citizen to fill in the form

* **Scenario: Missing Person Field Validation**

**Given** a logged in Citizen is reporting a missing person through the form **And** the Citizen has provided all the mandatory fields (as per the **Missing**

**Person Field** Rule) to submit

**When** the system validates that all the mandatory fields have been filled  **Then** the system creates a record of the missing person  
**And** informs all other Citizens that a new missing person has been reported.

* **Scenario: Fail Missing Person Field Validation**

**Given** a logged in Citizen is reporting a missing person through the form **And** the Citizen has not provided all mandatory fields (as per the **Missing**

**Person Field** Rule) before submission

**When** the system validates that mandatory fields are missing  **Then** the system displays error message that mandatory fields are missing.

* **Scenario: Number Validation**

**Given** a logged in Citizen is reporting a missing person through the form **And** the Citizen has entered numerical values in the form for personal attributes

(refer **Numerical Personal Attributes** Rule)

**When** the system validates that personal attribute values are numbers **Then** the system creates a record of the missing person

**And** informs all other Citizens that a new missing person has been reported.

* **Scenario: Fail Number Validation**

**Given** a logged in Citizen is reporting a missing person through the form **And** the Citizen has entered non-numerical values in the form for personal

attributes (refer **Numerical Personal Attributes** Rule).

**When** the system validates that personal attribute values are not numbers **Then** the system displays error message that personal attribute values must be numbers.

* **Scenario: Picture Upload**

**Given** a logged in Citizen is reporting a missing person through the form **And** the Citizen clicks upload picture after selecting a picture

**When** the system validates that a file is present **Then** the system displays the uploaded picture in image section of the form

* **Scenario: Fail Picture Upload**

**Given** a logged in Citizen is reporting a missing person **And** the Citizen clicks upload picture without selecting picture

**When** the system validates that a file is missing **Then** the system displays error message that image file is missing

* **Story 3: Found A Missing Person**

**As** a Citizen who is aware of missing people

**I want to** be able to report that a person has been found

**so that** concerned Citizens are relieved from worrying about the missing person.

* **Scenario: Found Missing Person Option**

**Given** a Citizen is logged into the system and is viewing the missing peoples list

**When** the Citizen selects the found missing person option

**Then** the system displays the found person form

**AND** asks the Citizen to fill in the form

* **Scenario: Found Person Field Validation**

**Given** a logged in Citizen is reporting that a person was found **And** the Citizen has provided all the mandatory fields (as per the **Found Person**

**Field** Rule) to submit

**When** the system validates that all the mandatory fields have been filled  **Then** the system updates the missing person record to “found”.  
**And** informs all other Citizens that a missing person has been found.

* **Scenario: Fail Found Person Field Validation**

**Given** a logged in Citizen is reporting that a person was found **And** the Citizen has not provided all mandatory fields (as per the **Found Person**

**Field** Rule) before submission

**When** the system validates that mandatory fields are missing  **Then** the system displays error message that mandatory fields are missing.

* **Story 4: Notifications**

**As** a Citizen affected by an emergency situation

**I want** everyone to be kept informed about missing people reported and found

**so that** I can be of help to others as much as they can be of help to me.

* **Scenario: Notify All About Missing Person**

**Given** a Citizen is logged into the system

**When** the Citizen reports a missing person

**Then** the system automatically notifies all users in public chat room about the

missing person.

* **Scenario: Notify All About Found Person**

**Given** a Citizen is logged into the system

**When** the Citizen reports that a person has been found

**Then** the system automatically notifies all users in public chat room that a

previously missing person has been found

* **Scenario: Notify Reporter About Found Person**

**Given** a Citizen is logged into the system

**When** the Citizen reports that a person has been found

**Then** the system automatically send a private chat for the Citizen who found the missing person to the Citizen who filed the report originally about the previously missing person that has been found

* **Scenario: Person Online While Filing Missing Report**

**Given** the missing person's username is known

**And** the missing person is online

**When** another citizen tries to file a missing person report for the online citizen

**Then** the system notifies the citizen that the said missing person is currently online.

* **Scenario: Missing Person Goes Online**

**Given** the missing person's username is known

**When** the person who is reported missing goes online

**Then** the system notifies the citizen who filed the original report via private chat

**AND** asks the citizen to mark the missing person as found.

Business Rules

* **Missing People Action Rule** -- Actions are as follows:

|  |  |
| --- | --- |
| **Action Name** | **Option Description** |
| **View Next Missing Person** | Citizen views the next missing person in the list through a swipe gesture or a “PASS” button. |
| **Add Missing Person** | Citizen adds a new missing person to the database. |
| **Found Missing Person** | Citizen reports to the system that the missing person has been found. |

* **Missing Person Field Rule**

|  |  |
| --- | --- |
| **Field Name** | **Field Description** |
| **Missing Person Name** | Missing person name is a mandatory field |
| **Description** | Description is a mandatory field so people can easily identify missing person based on description. |

* **Numerical Personal Attributes Rule**

|  |  |
| --- | --- |
| **Field Name** | **Field Description** |
| **Age** | Age is optional but must be a whole number if entered. |
| **Weight** | Weight is optional but must be a number if entered. |
| **Height** | Height is optional but must be a number if entered. |

* **Found Person Field Rule**

|  |  |
| --- | --- |
| **Field Name** | **Field Description** |
| **Location** | The location of the person as text must be entered |
| **Notes** | Notes must be entered |