

Iteration 5 - Team A1 Requirements Proposal

Team ID/Name: __A1__

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Within your team, each use case needs to be different and independent:

There should be **NO overlaps or dependencies between use cases.**

Make sure that your new use case do not rely on the internet or cellular network.

CLONE THIS DOCUMENT FOR YOUR TEAM IN [THE STUDENT DELIVERABLES FOLDER FOR SE PROJECT - ITERATION 4-5](#)

Check the following pages for the template for each use case and student...

Iteration 5 Proposal	Approved
<p>Step 1: User Story Motivation:</p> <p>As an user, I want to share my location and also see others' location, so that citizens nearby can group together, help each other.</p> <p>As an user, I want to find useful information on the map like restroom, food and water supply center , etc.. so that I can rescue myself instead of asking others to help me.</p> <p>As an administrator, I want to locate all my trapped citizens, so that I can easily guide the rescue team to help them.</p> <p>As an administrator, I want to mark all the useful information on the map like the position of restroom,food and water supply center ,and so on for people in this survivable network so that citizens can find those resources on the map and help themselves out of trouble.</p> <p>This story could potentially be broken down into smaller related stories.</p>	<p>Y Value: 3</p>
<p>Faculty/TA Comments: That's a useful user story. Overall it is a good proposition. I approve it and would like to see the features that you describe and possibly real-time notifications on new updates. For example, when the administrator marks the position of the restroom, users get a notification. Furthermore, when someone finds water or food, he could also send a notification or message using a button that he is safe.</p>	
<p>Step 2: UI Mockups Link: https://drive.google.com/open?id=0By2pYvkrK2c6cTRnQ250WjdONIE</p>	<p>Y Value*: 0.75</p>
<p>Faculty/TA Comments: Mockups clearly describe the idea. The map is going to be saved beforehand because there is no internet access.</p>	
<p>Step 3: Elaboration - User Story with Acceptance Criteria See below</p>	<p>Y Value*: 1</p>
<p>Faculty/TA Comments: User story is clear and complete with sufficient acceptance criteria and business rules.</p>	

*Value point might be revisited as the target user has a better understanding of the functionality.

User Story with Acceptance Criteria

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

- **Location Display Criteria :**
Given a Citizen is logged in the system.
When the Citizen selects to check the map.
Then the system displays all Citizens' locations with their usernames
- **Useful Information Display Criteria**
Given a Citizen is logged in the system.
When the Citizen selects to check the map.
Then the system displays all useful informations have been marked like restroom, food and water supply center , etc..
- **Location Marking Criteria:**
Given an administrator is logged in the system.
When the administrator selects to mark the map.
Then the system displays all locations which were marked before like restroom, food and water supply center ,etc..
And the administrator input the informations the new locations.
Then the system updates these information on the map.
- **Locate Citizens Criteria:**
Given an administrator is logged in the system.
When the administrator selects to mark the map with trappers' location.
Then the system displays all trappers' locations marked before.
And the administrator input the informations the new locations.
Then updates new locations on the map to identify the trappers' location.
- **Out of Range Criteria:**
Given a Citizen is logged in the system.
When the Citizen's location is out of range of the given map.
Then the system displays the Citizen's location at the edge of the map.
And at the edge of the map, there can be more than one Citizen.

Business Rules

- **Real-Time Rule:** All locations display at the map should be the correct location at that time.
- **Location Display Rule:** Online users should be marked differently with Offline users. Citizens should be marked differently with places.
- **Location Marking Rule:** The user who can mark the map must be an administrator, common users can not mark the map as they like.