**User Story Motivation**

**As** a citizen in emergency,

**I want to** share my location and find nearby people on map

**so that** I can chat privately with people nearby and ask helps from them.

**As** a citizen in emergency,

**I want to** find nearby events on map

**so that** I can be aware of emergency events nearby and check out details and photos of these events.

**As** a citizen in emergency,

**I want to** add new events and upload photo of events on map

**so that** I can notify other citizens of the emergency events

**User Story with Acceptance Criteria**

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

Share Location by Browser Criteria

* **Given** the citizen is logged in and browser allows the system to get location data

**When** the user elect to share his or her location

**Then** the system should display the map centered at user’s location **and** show nearby people and events on the map

Share Location by Address Criteria

* **Given** the citizen is logged in

**When** the user elect to share his or her location but the system is unable to get location data from browser

**Then** the system should ask the citizen to enter his or her address to share location

Show Nearby Citizen Criteria

* **Given** the citizen is logged in and shared his or her location

**When** the user click on citizen on map

**Then** the system should display the citizen’s name and link to chat privately with the citizen

Show Nearby Event Criteria

* **Given** the citizen is logged in and shared his or her location

**When** the citizen click on event on map

**Then** the system should display the name, description, location and picture of event

Add Event Criteria 1

* **Given** the citizen is logged in and shared his or her location

**When** the citizen click on map to add event

**Then** the system should display an input form to ask citizen to enter the name, description, duration and attach the photo of the new event

Add Event Criteria 2

* **Given** the citizen is logged in and shared his or her location

**When** the citizen completed the form to add event and submit the form

**Then** the system should display the new event on map

Add Event Request Response Time Criteria (Non-functional requirement)

* **Given** the citizen is logged in, shared his or her location

**When** the citizen completed the form, attached the photo of event and click submit

**Then** the system should respond to the request within 5 seconds 80% of the time

Business Rules

* Location rules: the longitude and latitude entered by the citizen should be valid
* Event rule: the duration of the event should be less than 24 hours from the time user create the event
* Event rule: if the event expired, the system should remove the event on the map
* Map rule: the map only shows the people and events within 1 longitude and  1 longitude from the user’s location