**Progress Report**

**- Increment 2 -**

**Group #20**

# **1)** **Team Members**

**Name FSUID GitHub Username**

Betty Tannuzzo byt16 btannuzzo

Genevieve Larkins gtl16 genlarkins

Madison Vandersluis mlv16 vandermadison

Melanie Maguire mjm14z MelanieMaguire

Nicole Garcia nmg16b nicolemgarcia

**2)** **Project Title and Description**

The team is developing a web application called Natural Disaster Relief (NDR) that aims to allow users to provide and request help during the stressful moments before, after and during natural disasters. This application will provide helpful information and news updates on disasters to look out for, as well as provide a forum for relief, shelter seeking and missing person search.

**3)** **Accomplishments and overall project status during this increment**

During this increment, Genevieve was able to set up the Firebase database and created the form that users will use to submit missing or found people and was successfully able to get the project and database to communicate so that user entries are added to the database. Madison set up the basic framework for the forum page, and set up the page so that forum posts were saved to the database and appear in the post feed. Nicole was able to embed the google maps to display the shelters and add the NOAA API to the home page.

**4)** **Challenges, changes in the plan and scope of the project and things that went wrong during this increment**

* One challenge that we had during this increment was setting up the Firebase database and getting it to properly communicate with our project
* Another challenge that Genevieve faced was that her laptop broke during this increment so it set her back a few days until she could get a new one
* Problems with routing buttons
* Betty is having issues centering everything in the prevention tips tab (get that handled soon)
* Madison was unable to fully complete the search bar and filter for this increment, so that will be completed in the next increment.
* Nicole tried getting the google maps API interactive map to work unsuccessfully and for now the google maps is embedded and shows the shelters in Florida (working to figure this out)
* Melanie tried unsuccessfully setting up the users (working on it)
* There were no changes in scope during this increment

**5)** **Team Member Contribution for this increment**

**a)** **Progress Report Contribution**

* Genevieve Larkins
  + Team Member Contribution for this increment
  + Accomplishments and overall project status during this increment
  + Challenges, changes in the plan and scope of the project and things that went wrong during this increment
  + Plans for next increment
  + Source Code
  + Video or presentation
* Betty Tannuzzo
  + Team Member Contribution for this increment
  + Challenges, changes in the plan and scope of the project and things that went wrong during this increment
  + Plans for the next increment
  + Source Code
  + Video or presentation
* Madison Vandersluis
  + Team Member contribution for this increment
  + Accomplishments and overall project status during this increment
  + Challenges, changes in the plan and scope of the project and things that went wrong during this increment
  + Plans for the next increment
  + Source Code
  + Video or presentation
* Nicole Garcia
  + Team Member Contribution for this increment
  + Accomplishments and overall project status during this increment
  + Challenges, changes in the plan and scope of the project and things that went wrong during this increment
  + Plans for the next increment
  + Source Code
  + Video or presentation
* Melanie Maguire
  + Team Member contribution for this increment
  + Challenges, changes in the plan and scope of the project and things that went wrong during this increment
  + Source Code
  + Plans for the next increment
  + Video or presentation

**b) Requirements and design document**

* Genevieve Larkins
  + Overview
  + Functional Requirements
* Betty Tannuzzo
  + Use Case Diagram
* Madison Vandersluis
  + Sequence Diagrams
  + Functional Requirements
* Nicole Garcia
  + Assumption and Requirements
* Melanie Maguire
  + Nonfunctional Requirements
  + Operating Environment
  + Assumption and Requirements

**c)** **Implementation and testing documents**

* Genevieve Larkins
  + Execution-based functional testing
  + Execution-based non-functional testing
  + Non-execution based testing
* Betty Tannuzzo
  + Platforms, APIs, Databases, and other technologies used
  + Non-Execution-based Testing
* Madison Vandersluis
  + Execution-based functional testing
* Nicole Garcia
  + Platforms, APIs, Databases, and other technologies used
  + Execution-based functional testing
* Melanie Maguire
  + Platforms, APIs, Databases, and other technologies used
  + Execution-based functional testing

**d) Source Code**

* Genevieve Larkins
  + Created form that allows user to submit a missing or found person and added the necessary information to link our Firebase database
* Betty Tannuzzo
  + Coded safety tips (text) into prevention tips html file for the designated tab
* Madison Vandersluis
  + Created search bar, post feed, post creation form. Also provided code to link our database data to website (specifically the post feed).
* Nicole Garcia
  + Google Maps integration
  + NOAA integration
* Melanie Maguire
  + Login page setup (mainly spacing)
  + Sign up page form setup that will be used to get info of a user and insert them into the database if the user doesn’t already exist
  + New components to route to a success page for
    - Login
    - Signing Up

**e)** **Video or presentation**

* Everyone contributed

**6)** **Plans for the next increment**

* Genevieve wants to give users the ability to submit pictures with their missing/found person form and also wants to work on getting the entries to display on the MIA page
* Betty wants to design the prevention tips tab to be more user friendly, easily readable, and aesthetically appealing
  + Betty also wants to help with google maps API creating a list view on the Find Shelter tab
* Madison wants to complete the search and filter functionality, and have each post lead to its own page where users can comment and flag a post. Madison also wants to make the page more aesthetically pleasing.
* Nicole wants to fix the Google Maps integration to mark shelters around the entire US and also create a list view of the markers, as well as personalize the home page.
* Melanie wants to create all the users (regular and admin) and have all of the information given to be accurate and logical (making sure city is in a state, zip code is correct for city, etc). Melanie also wants to make sure there are no duplicate users and there are messages to make sure a user logs in correctly. Melanie also wants to make the page more pleasing.

**7)** **Link to video**

[*https://youtu.be/k-IPlkDmnys*](https://youtu.be/k-IPlkDmnys)