**Progress Report**

**- Increment 3 -**

**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 restyled the way that the MIA entries display and added more things for users to fill-out in the missing/found person forum. Nicole added a home page to the website, explaining all the services provided as well as fixed the find shelter google maps implementation. Originally, the google maps was simply embedded with the markers to shelters in Florida. However, after Nicole implemented a map that would show shelters all over the U.S. and would be easily updatable by the administrator. Betty updated the aesthetics of the preparation tips using some bootstrap implementations, she also helped in the integration of images into the missing person cards. Madison completed the help-forum page updating its graphics and completing the functionality of the search bar, provide help component, and the individual post page. Melanie created a user object that holds the information of the user to be put into the database and created the functionality to push those objects in the sign-up module and the email and password to be checked in order to log a user in.

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

* Genevieve could not figure out how to store images in the database because all examples she could find online were using deprecated aspects of Angular so we scrapped that idea and instead opted to store a link to a picture online. Nicole thought that the home page would be a better welcome/intro page to the site and would explain better what our site did. Therefore, we changed the structure of our project while still keeping most promised features from our original proposal. When merging the site, to make the aesthetics consistent Betty implemented bootstrap features into her section. Some syntax and functions were not working and Betty had to figure out new ways to implement blog-style features. Madison struggled with the search bar for a while as she had to figure out how to make a custom pipe and force a variable to update in one component while an event was called in a sibling component. Melanie could not figure out how to use the authentication features for Firebase. Instead of using the authentication stuff she made a user object to go into the database to be stored. There are still issues with making sure the login info of the child is checked correctly by checking if the data of a user is the same as that being inserted in the forms of the login page.

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

**b) Requirements and design document**

* Genevieve Larkins
  + Functional Requirements
  + Non-Functional Requirements
  + Use Case Diagram/Textual Description
* Betty Tannuzzo
  + Use Case Diagram
  + Assumptions and Dependencies
* Madison Vandersluis
  + Functional Requirements
  + Sequence Diagrams
* Nicole Garcia
  + Non-functional Requirements
  + Assumptions and Dependencies
* Melanie Maguire
  + Functional Requirements
  + Assumptions and Dependencies

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

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

**d) Source Code**

* Genevieve Larkins
  + Formatted the way the MIA entries display and added to the form that users fill out to submit an entry
* Betty Tannuzzo
  + Reformatted the preparation/tips tab to include bootstrap features and template. Also implemented the images on the missing person entry
* Madison Vandersluis
  + Reformatted request help function to include more information (i.e location, tags)
  + Added individual post page where users can comment, flag, or mark their own post as solved.
  + Completed functionality of search and provide help filters
  + Updated help-forum page to be more visually pleasing
* Nicole Garcia
  + Re-formatted website to include a home page. The homepage included many bootstrap implementation features. Also, worked on the weather alerts to include an alert banner, and find shelter to manually add emergency shelter markers to the google maps and embed that into the map.
* Melanie Maguire
  + Got the sign-up to create a user object and put it in the database
  + Made sure the password for the user object is at least 8 characters long
  + Attempted to have login work by looking at the email and password info of each user and making sure the information received from the login forms matches a user and is correct

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

* Everyone contributed