

Project Proposal

GROUP #15-3

TEAM NAME: THE DISASTERS

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App

Application Name: DisasterReady

Application Description:

In DisasterReady, users will log in to be allowed into the site. Once logged in, users can track and log nearby disasters on a map. Google Maps will be used across the application to help visualize which areas need assistance and coordinate meetup points. These tracked disasters will be logged in real-time and will be accessible by all other users. The users can also utilize this map to locate and share resources among other users.

To be prepared for the disasters tracked on the map, there will be an informational section that educates users on protocols and what to do in various emergencies. This section will also contain relevant contact information for emergency services apt to the user's specific emergency. Furthermore, there will be notification support provided through Twilio which will alert users and volunteers in the event of an emergency.

For efficiency, a group planning feature will be implemented so that volunteers may coordinate a meetup or event. Administrators may view a list of volunteers and assign roles or jobs for an event as they see fit. This will help streamline the process of providing aid.

Vision Statement:

For residents, responders, and community administrators, who need an efficient way to prepare for, respond to, and recover from disasters. DisasterReady is a disaster management application that provides real-time reporting, resource sharing, and educational tools for disaster preparedness.

Version Control (GitHub): <https://github.com/linneajones18/DisasterReady.git>

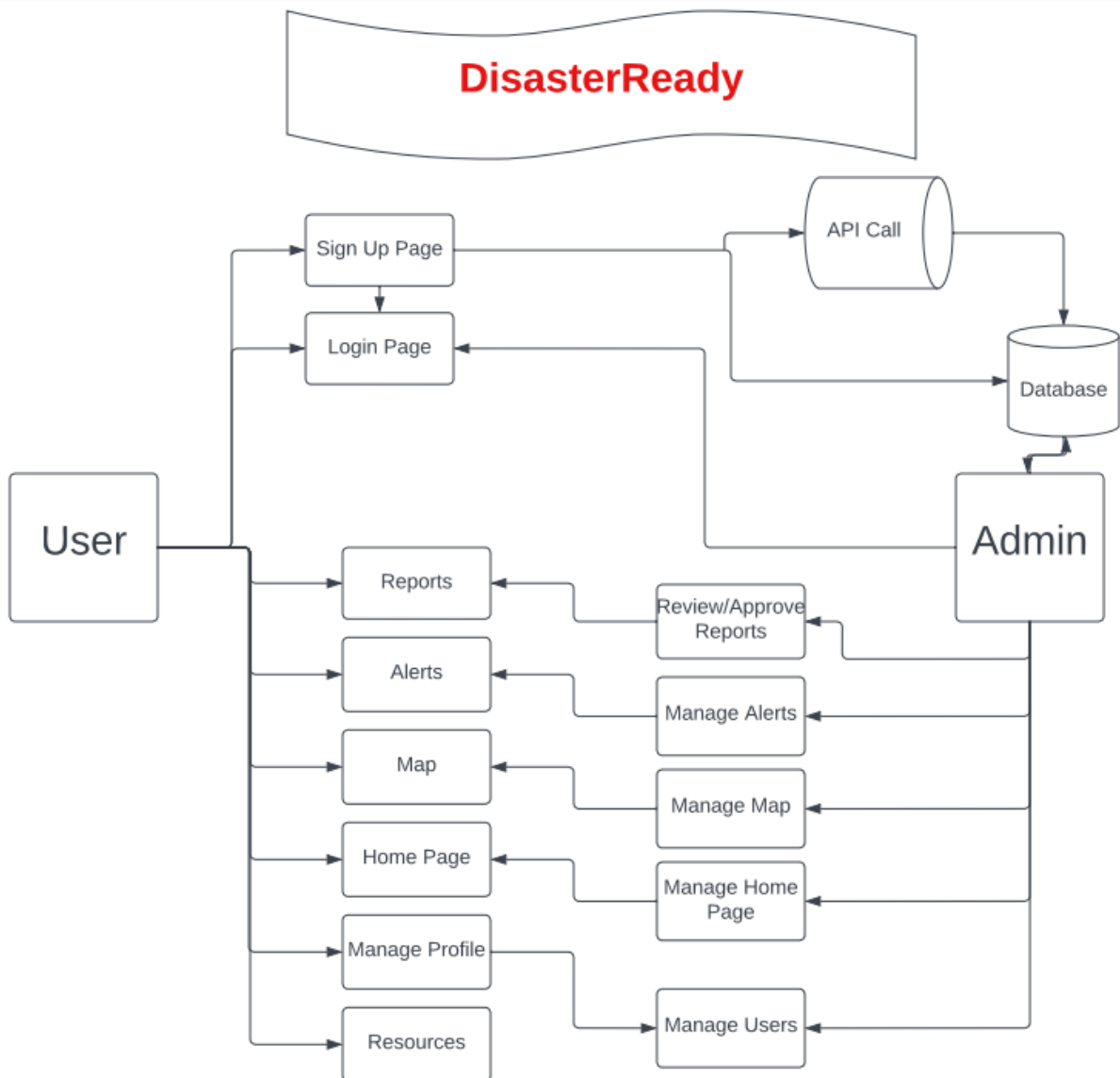
Development Methodology: Agile with Scrum

Communication Plan: The team is currently utilizing Discord as the main method of communication.

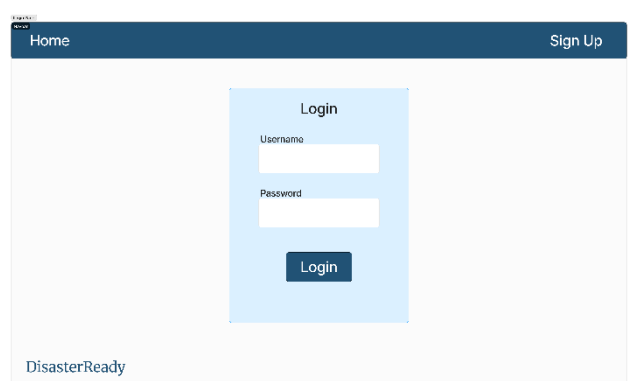
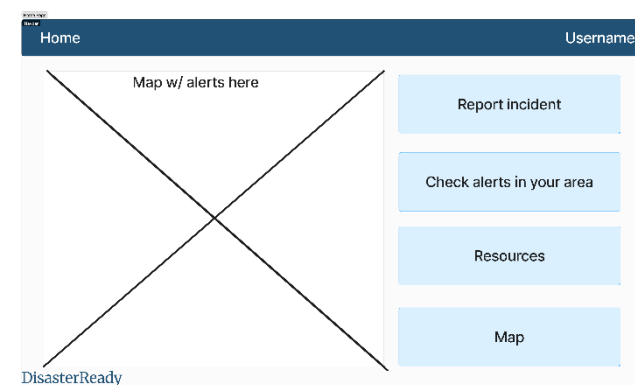
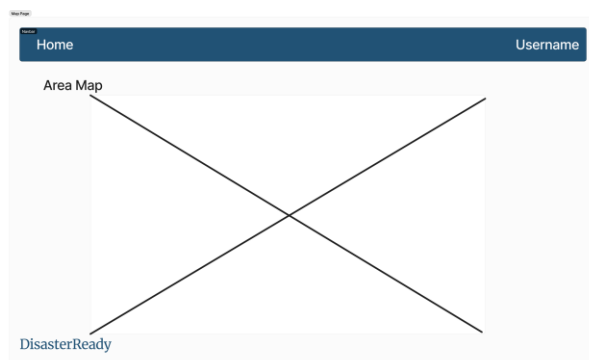
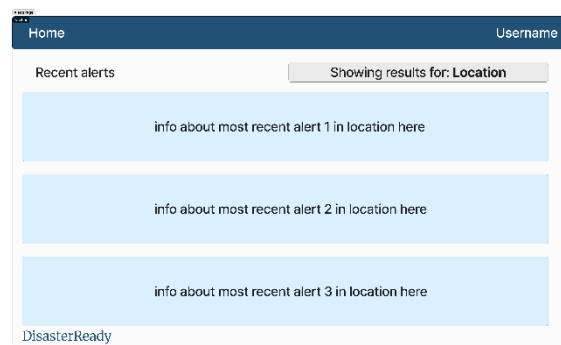
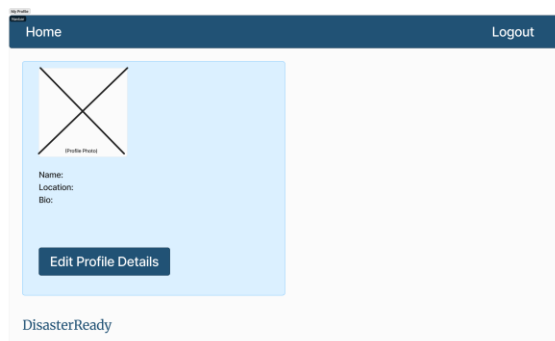
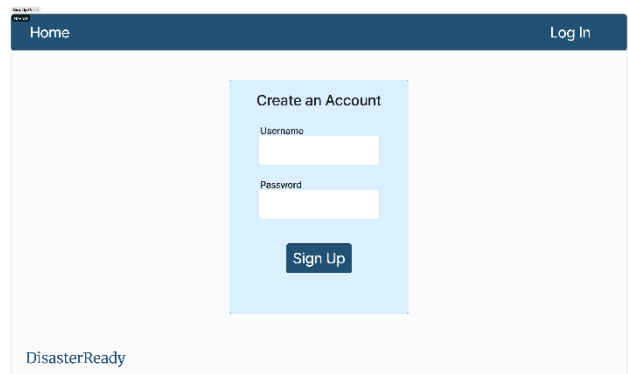
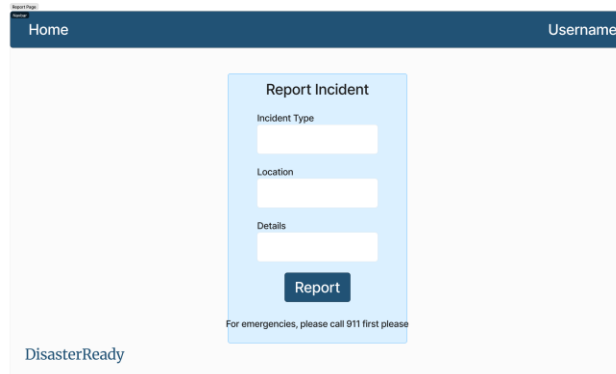
Team Meeting Schedule: Wednesdays ~5:45 (tentative) over Zoom

TA Meeting: Mondays 4:15-4:30

Use Case Diagram



Wireframes:



HomeADMINUsername

Accept/ Deny recent alerts

Showing results for: Location

info about most recent alert 1 in location here

PostDeny

info about most recent alert 2 in location here

PostDeny

info about most recent alert 3 in location here

PostDeny

DisasterReady