CSC 648/848 SW Engineering Fall 2020

SurgeHut

Section 02

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Milestone 3 Summary

Documentation & Version	Date Submitted	CTO/CEO Feedback	Revision Date
Milestone 3, Version 1	11/10/2020		

Summary of Feedback

Our Milestone 3 demo showed that there were many flaws in our code at the moment. Many of the important and primary functionalities needed much improvement and work to be 'On Track'. The main areas from our project that needed work on to be caught up were the UI and Functionality, functionality features as well as aspects of our database.

- UI and Functionality

  The main part of our page that needed focus on in this area was the use of the tabs in our map. The tabs we used on the map were not intuitive at all, which would cause issues for users who are trying to search for results by using the map or the tabs available on the map

- Functionality Features

  This area was the one that required the most work. Features that required work on this area were the alerting system, registration capability and Dashboard for admin users. Currently, alerts and registration is not implemented yet so we will be focusing on making sure those functions are up and functioning efficiently and correctly

- Database

  Our main issues with the Database aspect of the project was that we needed to create some additional tables to account for information that we were trying to use in the application, mainly wildfire information. Apart from that we also needed to add some commenting to our code to make sure that it is clear what its functionality is for users who are not familiar with the code.

List of Tasks Team Chose to Focus On

After receiving our Feedback for our Milestone 3 we made it our priority to work on the Priority 1 features as well as the areas that were mentioned previously (UI and Functionality, Functionality Features and our Database). Because the P1 Features were the main aspects of our project we decided to assign those to the top of our list of assignments, by focusing on the P1 features we would be able to cover the main, base aspects of our application that would be able to showcase all the main features that we intended on implementing. Following the completion of those we would work on the UI Functionality, Functionality Features and Database.

The tasks that we felt needed work on were organized as followed:

1. P1 Features
   a. Integration of COVID case data
   b. Notification alerts for COVID and Wildfires
2. Sharpen features from the Admin Dashboard to better function when approving COVID or Wildfire data and sending out alerts to users
3. Fully implement the Registration and Alert system into our project
4. Finalize the database with information on wildfires in the counties to be displayed as a search results
5. Improve on the UI and Functionality to make the overall website more user friendly and easy to use
6. Add more content/functionality to P2 and P3 features and iron out any additional CSS customization.

List of P1 Functions Agreed at Meeting

Below is the list of Priority 1 Features that were agreed on during our meeting with the Class CEO and CTO

     a. Integration of Covid-19 case data into the website, displays amount of active cases in state

     b. Integration of basic fire data (square mileage burning, active fires etc)

     c. Functioning navigation between each page

     d. Functioning coordinate system with map

     e. Tables for fire, Covid cases and AQI created with some test cases added

     f. Data registration and Administration data approval

     g. Notification alerts on covid and wildfire users