**CS 440 Meeting Minutes**

**Group:** 14 **Date**: 2/3/2021 **Time:** 18:30 **Duration:** 70 minutes

**Present, on time:** Alekh Meka, Ayaan Siddiqui, Karan Vishwakarma, Maseeh Khan

**Present, not on time:** None

**Absent:** None

**Synopsis:**

This week our group had formulated a plan of action for the coding project. During this first sprint, we planned to determine the proper methodologies and frameworks to efficiently implement the project. After analyzing the depth of the project, we had decided on creating a web application that tailors the requirements set forth by the previous group. For our backend framework, we had decided on using Node.js with MySQL as our database. For the client facing application we decided to go with either React or Angular.

**Recent Individual Accomplishments:**

After a comprehensive analysis of the purpose and use cases of GPS trail, the team prioritized the work based on the functionality of the system. Following our story points, everyone started their work on different components of the application. Alekh and Ayaan did comprehensive research on front end libraries of React and Angular to implement the user interface. For the backend compatibility, Karan and Maseeh utilized packages from NodeJS for connecting to MySQL database and storing user’s data.

**Current Individual Activities:**

Everyone is focusing on developing a basic infrastructure to support the basic application software. For an interactive user interface, Ayaan and Alekh are planning to develop the front end map and components using APIs of React or Angular framework. Karan is setting up the database tables required for providing the users the relevant information. Maseeh is designing the APIs for streamlining the interaction between the frontend and backend components.

**Individual Action Items:**

* **Ayaan:** Learn APIs and REST API design, Set up stories with Jira, research Angular and React
* **Alekh:** Setting up search bar components for route information in the user interface.
* **Karan:** Designing the tables of Database system for the backend application
* **Maseeh:** Focusing the designing the NODE api for connecting the various components.