**CS 440 Meeting Minutes**

**Group:** 14 **Date**: 2/26/2021 **Time:** 11:30 **Duration:** 76 minutes

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

**Present, not on time:** None

**Absent:** None

**Synopsis**

The team has been working on the development of the coding project and brainstorming the requirement phase of the development project. Everyone is working on the different story points for completing the sprints and integrating the different functionalities conducive to an agile software development environment.

**Recent Individual Accomplishments:**

The group has been working on the coding project for completing the estimations of the scenario for the first release. Alekh designed a MySQL database for storing the information of the users and making the registration process efficient. Ayaan enhanced the search bar for making it more informative and integrated the Nest API for object-relational mapping of the database. Karan added the add trails and details component for routing information between components and presenting it in Mapbox. Maseeh designed the services between components to reduce code redundancy and helped streamline the component interaction with information.

**Current Individual Activities:**

After developing the full-stack architecture of GPS Trails the group is focused on the backend design and the database design of the platform. Alekh and Ayaan are working on designing the database structure and setting up the API server. Karan and Maseeh are working on the frontend portion of GPS Trails.

**Individual Action Items:**

* **Ayaan:**
  + Work on the Nest API
  + Design the classes which will connect to the database.
  + Help implement search component for parks.
  + Learn NestJS
* **Alekh:**
  + Design the database for the components.
  + Plan the schema and develop the registration component
  + Create a user schema in MySQL.
* **Karan:**
  + Work on the map coordinates.
  + Plan the add trails sections to make the feedback component.
  + Help implement the search for the trails
  + Create details trails page
* **Maseeh:**
  + Work on the details section to add the trails of parks.
  + Design the tables and scheme of the database with Alekh.