**CS 440 Meeting Minutes**

Group 24 Date: September 17, 2020 Time: 18:15 Duration: 80mins

Present, on time: Milind Kurma, Luke Kim, Punit Malpani, Sharmisha Parvathaneni

Present, not on time: None

Absent: None

**Synopsis:**

-We discussed about how the flow of our coding project should be and what languages, and environments we need to use for the development. We also discussed about the web program’s design interface and started researching over requisite database.

**Recent Accomplishments:**

Milind and Luke came up with their ideas about the frontend development technologies. They presented their ideas by showing a small demo of a webpages created using NodeJS with express framework and how will data flow occur for our project.

Punit and Sharmishafocused on the backend and integration of the complete application. They decided to go with Python as backend making use of the Django framework as keeping in mind that features involving machine learning will be integrated later on in the project. They created basic templates for sensor classes needed in the backend.

**Current Individual Activities:**

Luke and Milind will work on the layout of the frontend UI design by creating template for all the required web pages. They will also add a “search” and “advanced search” functionality for our seed recommendation system.

Sharmisha & Punit will search out, collect, and create the required database. They will create python scripts for searching effectively through the database using VSCode environment. They will also emulate sensor data and integrate it in the code.

**Individual Action Items:**

Sharmisha: Search out crop database and their requisite soil type, pH, humidity, and temperature requirements.

Luke: Create the frontend web programs and structure out login functionalities on the page.

Punit: Deploy searching algorithms for the database scanning and emulate sensor data.

Milind: Work on integrating data send from user and displaying effective normal and advances search results.