CS 440 Meeting Minutes

Group <u>24</u> Date: <u>October 1 2022</u> Time: <u>20:00</u> Duration: <u>60 minutes</u>

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

Present, not on time: None

Absent: None

Synopsis:

In the meeting, we discussed our coding project design both UI and backend applications. Since we have presentation next week, we must finish the basic application such as showing results based on the client's choice of soil. This basic application will be done in collaboration this week.

For development project, we understood the work flow and our application scope, so we decided to study and improve as we advance in this course.

Recent Accomplishments:

We changed our development language from React.js to Python since python is better to implement other advanced and data intensive applications. Since our UI is not a social media app, we agreed to use Django for front and back end.

Using Django, Luke and Milind mainly worked on UI component and authentication on the website. Based on the authentication, the service will be varies. For instance, without login, there is no service but information about the application. With login, the user can perform intended search for a result.

Sharmisha and Punit mainly worked on the documentation project that requires many details and clear outline of diagrams.

Throughout this week, we worked closely to exchange our ideas and works to understand the overall process.

Current Individual Activities:

Luke, Punit, and Sharmish will work on the basic search application of the website that provides first search result to the customers. It is going to be an exciting week.

Sharmisha & Milind will design the database for emulated data. Since we did not implement sensors, we have to emulate our database with given set of data.

Individual Action Items:

Sharmisha: Search out requisite soil type and crop database based on the soil type and region.

Luke: Creating the basic search application that produces the result, collaborate with Sharmisha on data collection.

Punit: Works with Luke to finish the basic application and implement the emulated data from Sharmisha.

Milind: Working with Sharmisha to emulate soil type and crop database based on the soil type and region.

For Development project, all of team members will join to improve the existing documents with clear diagrams and structured documentations.