

Systems Engineering - Team 38

Raluca Ioana Vacaru, Yee Chong Tan

Overview

These two weeks on the project have been centred around getting the web app pages done and designing the database. For the latter, we were working with the other 2 teams, team 39 and team 40 because we need to make use of their outputs to do data visualisation. Besides that, we were dealing with user authentication of the web app so that we could have accounts and different projects for different users. By the submission of the report, we managed to get most of the front end pages done, including the user login page, with data stored locally. We are going to use Django for database for now to ensure everything goes smoothly.

Meetings

We haven't got any meeting scheduled with our client within these 2 weeks. However, we are looking to schedule our next meeting 2 weeks after reading week. By the next meeting, we aim to have a working database, and most of the front end ready to be reviewed by our client. Besides that, we aim to discuss further about the database implementation with our client and also seek suggestions from him on the visualisation of data and user feedback mechanism.

Goals for the next two weeks

There are a few goals we want to achieve in the following weeks in order to keep on the good work:

- ✚ Have a common database running between our team, team 39 and team 40
- ✚ Start designing project overview page.
- ✚ Making use of the outputs of team 39 and team 40 to do data visualisation.

Individual section

Raluca Vacaru

In the past weeks, I have been heavily working on the front-end of the web app, finishing all pages except for the project overview. In terms of that page, I have started experimenting with different JavaScript data visualisation libraries, trying to find one that we can use to display the pie charts. I am also thinking of ways that we can use data visualisation in other parts of the application in order to make the information clearer to our users.

Yee Chong Tan

In the past weeks, I have been looking into user authentication and also

trying to link the user login page with our web app. Besides that, I have been working with team 39, and team 40 in designing a common database for the web app since we will be making use of their outputs to do data visualisation.