
EE/CprE/SE 491 WEEKLY REPORT 5

4/8 – 4/21

Group number: 34

Project title: Semantic Visit Aware Recommendation of Hotels

Client &/Advisor: Goce Trajcevski

Team Members/Role:

Dylan Hampton – Frontend
Zachary Garwood – Backend
Thomas Frohwein - Frontend
Britney Yu — Backend
Joe Zuber – Backend
Nathan Schenck – Frontend
Kevin Knack – Backend

Weekly Summary

In the last two weeks, to start, the front-end team put finishing touches on any UI/UX components that needed cleaning up. This included adding a distance metric selector that would allow the user to choose between miles, meters, etc. Also, this included cleaning up some dropdowns/lists to help better the user experience.

The past two weeks, the back-end team has been wrapping up all work on the backend. This has included minor code changes, more test cases, and documentation regarding the process to setup and test the backend. Besides this, the majority of our efforts have been on preparing everything required for the Final Project Review assignment.

Past week accomplishments

Zachary Garwood: Helped fix an encoding issue regarding the Chicago setup. Cleaned up parts of the backend code and added test cases for Chicago. Worked on adding documentation to the project repository regarding the setup and testing of both the frontend and backend. Helped work on the final report and met with a few group members to discuss and work on the project poster.

Dylan Hampton: Worked on adding dynamic metrics for the maximum distance input. This allows users to choose between mi, km, and m which is then converted into meters before being sent to the backend. Worked with other front end members on UI / UX feel and usability. Helped work on the final report as well as met with other group members to work on and discuss the final poster.

Nathan Schenck: Worked on the final touches to the user experience of the frontend. This included adding extra controls to the hotels list so the user has a lot less scrolling to do when viewing multiple hotels with long routes. These controls had multiple iterations but a final design was chosen and moved forward with. On top of that addition, many other small changes were made to help improve the user experience. Apart from development, contributions to the final report were written and a meeting between the group working on the final poster was had.

Thomas Frohwein: Worked on final project review assignment with group to complete final report. Also started working on final review slides to create a presentation slidedeck that will be presented.

Britney Yu: Created some tests to figure out what our POIs categories should be set to. Fixed an issue in our App.py file. Tested the backend code. Created an outline for the demo video and made sure to include all the specific features that we wanted to highlight for our demo.

Joe Zuber: Contributed to the final report, started work on the final slides.

Kevin Knack: Added more backend tests. Worked on final report and final slides.

Pending issues

Individual contributions

NAME	Individual Contributions	Hours this week	Hours cumulative
Thomas Frohwein	Worked on final project review assignment to complete final report with group. Started final review slides to create a presentation slidedeck.	6	46
Nathan Schenck	Added hotel list controls for collapsing and expanding routes. Changed hotel map pin. Truncated long hotel names in the list. Disabled the POI dropdown when a city isn't selected. Made the map jump to the selected city. Wrote the frontend design changes included in the final report.	8	70
Dylan Hampton	Added dynamic metrics for maximum distance input, worked with other frontend members on UI / UX, and worked on final report and poster.	7	67
Zachary Garwood	Fixed encoding issue with Chicago setup, added Chicago test cases, added project setup and testing documentation, and worked on final report and poster	6	70
Joe Zuber	Final report and final slides efforts	8	46
Britney Yu	Created tests to determine what index each POI is set to and categorized them into ones that were more fitting. Created an outline and started practicing for the demo video.	6	47
Kevin Knack	Added more backend tests and worked on final report and final slides	6	42

Plans for the upcoming week

Zachary Garwood: Work on final report and poster, and prepare for the final presentation. Meet with our client/advisor to get feedback on our documents and make any necessary changes.

Thomas Frohwein: Work on final review slides and meet with the client to receive feedback.

Nathan Schenck: Work on the final poster. Meet with the client to receive any last feedback on the application or any feedback on the poster.

Dylan Hampton: Work on final report and poster. Meet and discuss with the client to get feedback on the poster, report, or application.

Joe Zuber: Continue to work on the final slides. Help out if needed with other Final Project Review assignments.

Britney Yu: Create and Record the demo video to make sure it fulfills the requirements. Help proofread and look over the slides and poster to ensure it meets all the requirements needed for the final submission. Practice for the final presentation.

Kevin Knack: Work on final slides. Help with the final report and poster. Add more backend tests.

Summary of weekly advisor meeting

We met with our advisor briefly and he gave us feedback on the final design for the application so that we could make the final changes prior to our presentation. Our advisor also gave us advice on how to create a well designed poster and presentation.