

EE/CprE/SE 492 Status Report 1

End of 491 - Sept. 5

Group number: 10

Project title: “Visualizing Probabilistic Whereabouts of Moving Objects”

Client &/Advisor: Goce Trajcevski

Team Members/Role:

Nathan Thoms - Team Lead & Frontend Developer

Mara Prochaska - Backend Developer

Eric Jorgensen - Documentation

Ryan Cook - Fullstack Developer

Report Summary

This is our first report back from the summer break – no work was done over break and we are now getting back in the headspace required for implementing our design from senior design 1. At the end of the first semester we had reserved a virtual machine from ETG, setup a GIT repository and initialized both the frontend and backend frameworks. A preliminary login/sign-up box UI component was created for the frontend while the backend was successfully linked to the database. Working on linking the front and backend to perform a simple task like passing and storing user credentials is in the near horizon.

Accomplishments

Frontend progression consisted of development of the navigation bar shown in figures 1 through 3 below. Not visibly apparent, but some of the frontend was restricted to follow better modular design through use of Vue’s UI component files.

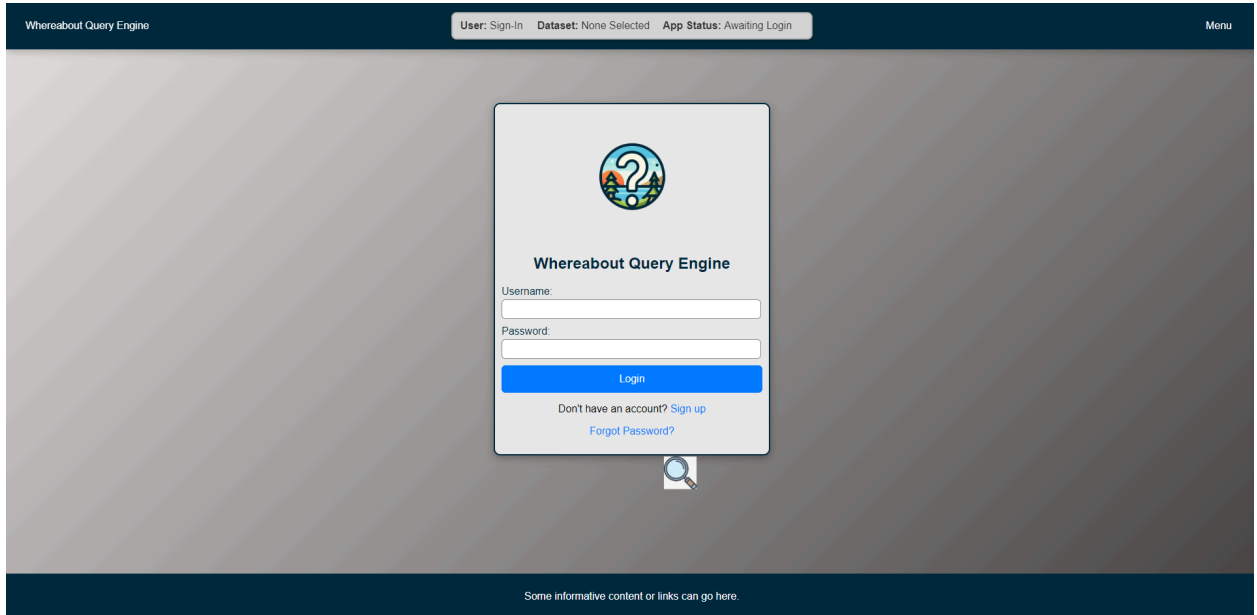


Figure 1 - Login Page Development

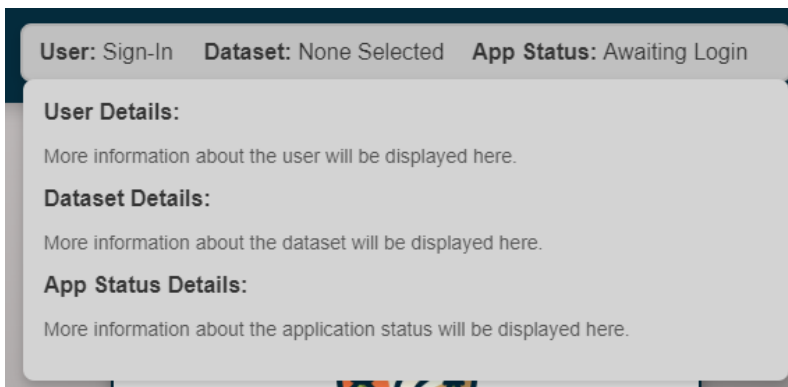


Figure 2 - Navigation Bar; Application Status

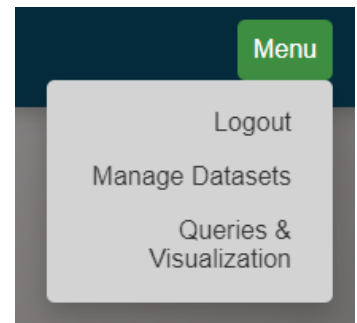


Figure 3 - Navigation Bar Hover Drop Links

Pending Issues

No current pending issues, but we are working to find a time that will work for a team meeting that includes our advisor.

Individual Contributions

Team Member	Individual Contribution	Hours this Week	Hours Cumulative
Nathan Thoms	Created navigation bar & login page UI components	2.5	62.5
Mara Prochaska	491 Project Review & Team Meeting	1	49.5
Eric Jorgensen	Team meeting	1	35
Ryan Cook	Reboot server, backend work, Team meeting	2	44

Upcoming Plans

We plan to complete our 491 Project Review assignment and meet with our advisor to identify the next tasks for project implementation. Creating a Gantt chart for the assignment will help us define specific goals and develop a task-specific schedule. After meeting with our advisor and clarifying our project goals, we plan to begin implementing the project and ensure all team members have resources configured to contribute to the source code.

Action Items

Team Member	Individual Goals	Estimated Hours
Nathan Thoms	Figure out how to package frontend project files to be served by the backend when deployed. Continue working towards developing UI components.	5
Mara Prochaska	Configure development environment, contribute to backend source code	5
Eric Jorgensen	Begin working on 491 project review	2.5

Ryan Cook	Continue backend development and finish login features. Make sure server is set up and running as expected.	5
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