

sdmay20-22: Real-time Re-Recommendation System for POI Visits

Week 11 Report

February 26 - March 10

Team Members

Dheepak Nalluri — *Report Manager*

(Luke) Geng Sun — *Scribe*

Andrew Peters — *Meeting Facilitator*

John Smolinski — *Chief Engineer*

James Eehinus — *Database Manager*

Summary of Progress this Report

Our objective for this report was to create sample routes that a user is able to choose from and go to. To accomplish this task, our group had to expand the current hard coded route to be able to change and accommodate for various use cases. Alongside this task, we routed the pages such that the login and register feature had their own pages. We also integrated the database into our login and register feature.

Dheepak worked on merging all of the work on different branches between all of the group members. He also worked on Geomapping and creating another socket on the server to accept JSON messages from the mobile application. Luke worked on creating sample routes on the mobile client. John worked on creating sample routes on the web client. Andrew worked on separating the login and register to separate pages. And James worked on integrating the database with the login and register.

This goal that was set by our client for this sprint was to have sample routes that a user is able to choose from. As this was accomplished during the sprint, this sprint was successful.

Pending Issues

The server needs to be able to take in a url and get out a JSON message. -Dheepak

The login and register still has the map on their pages -Andrew

The hard coded routes need to be removed and a search functionality needs to be created -John and Luke

Plans for Upcoming Reporting Period

Our goals for the next sprint is to be able to search any route from any initial point. The client will take the user's position and the destination.

Dheepak will work on parsing the JSON data such that POIs can be searched for on routes from one place to another

Luke will be working on sending JSON messages to the server and creating a visited history function on the mobile client

John will work on coding the routing to take any route that the user specifies on the web client

Andrew will work on removing the map from the login and register pages along with creating a greater function for the login

James will work on creating a visited history in the database that can be retrieved and used on either client

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Dheepak Nalluri	Created a socket on the server for JSON messages and researched Geomapping	12	44
(Luke) Geng Sun	Created the routing functionality	11	38
Andrew Peters	Separated the login and register into separate pages	18	30
John Smolinski	Created the sample routes on the web client	14	41
James Eehinus	Integrated the database into the web and mobile application	13	53