

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

Week 12 Report

March 11 - March 31

### Team Members

Dheepak Nalluri — *Report Manager*

James Eehinus — *Database Manager*

Andrew Peters — *Meeting Facilitator*

(Luke) Geng Sun — *Scribe*

John Smolinski — *Chief Engineer*

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### Summary of Progress this Report

Our objective for this report was to continue work toward our final product and work on establishing a clear goal. The major feature that we have not implemented so far is finding nearby POIs and organizing them by type and allowing users to choose between them. Other tasks that our group is taking on is reorganizing the website for ease of use and creating a history for each user in the database.

Dheepak implemented the server socket that took in a URL and parsed a JSON message from it. James worked on implementing a store feature in the database for a user's history. Andrew worked on reorganizing the web application by using bootstrap and react-ant. Luke worked on adding a search functionality to the mobile application such that a user could search for a POI. John worked on generating nearby POIs dependent on the type of POI that the user is looking for.

The goal that was set by our client was to start working on everything that we do not have finished for the final product. Since our team has made a good amount of progress toward that, this sprint can be considered successful.

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### Pending Issues

Our mobile application still needs to implement the register and sign in features and implements the server's database. - Luke

We need to begin gathering data for our final presentation - Everyone

The user's history needs to be retrieved in some way - Dheepak, James

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### Plans for Upcoming Reporting Period

Our goal for the next sprint is to wrap up the development of the project completely. The main functionality that we will be demoing is the POIs near the user, so that feature will be top priority

Dheepak will be working on implementing user sessions such that each user can store and retrieve their history from the database

James will be wrapping up development of querying the history of the user

Andrew will be finishing up the organization of our web application

Luke will implement the nearest POIs feature and finish up all other mobile app development

John will implement the rest of the nearest POIs feature

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**Individual Contributions**

<b>Team Member</b>	<b>Contribution</b>	<b>Weekly Hours</b>	<b>Total Hours</b>
Dheepak Nalluri	Worked on parsing JSON data on the server from the client	11	55
James Eehinus	Worked on implementing the history feature in the database	11	64
Andrew Peters	Worked on reorganizing the website to make it more user friendly	10	40
(Luke) Geng Sun	Worked on implementing a search functionality in the mobile application	12	50
John Smolinski	Worked on finding nearest POIs based on the users position on the web application	12	53