

Meet-n-Eat - A Geotargeting Suggestion Engine

Project Journal

by

CMPE 295A

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Richard Sinn (Feb 27, 2014)

27th February, 2014

ABSTRACT
Meet-n-Eat - A Geotargeting Suggestion Engine
[Native Android Application]

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Meeting friends or colleagues for coffee or lunch is a part of everyone's social life. This application intends to solve the need for socially active people by proposing to build a mobile application through which, users can decide easily on where to meet and what they want to eat. By determining the geographical location of users either through zip code, country, region/city different content and suggestions can be delivered. Similar applications exist in the market, but their recommended coordinates are restricted to only two distant points. This application aims to provide coordinates for more than two distant points and also filters the results based on restaurant ratings and the type of cuisine.

The application will be built in the android development environment using mobile sdk. The prototype of the application will be the first step, followed by iterative development according to the requirements. A new user of the application has to sign up with their details to maintain the user profiles on the server. The membership information will be stored on a server like Amazon EC2. Once a user is logged in he/she could choose their friends profiles and indicate to meet these friends. Algorithms will be developed to determine the midpoint coordinates between locations based on each user's input zip codes and suggest the meet-and-eat recommendations and visualize through google maps API's. The user will be given a list of cuisine options to choose from, along with what the ratings of the restaurant should be (e.g.: A 4 star restaurant). The ratings of the restaurants will be collected from website like yelp. This data shall be periodically updated and cached on the server. Each of the team members will be involved in the analysis, design, development and testing phase. Unit testing would be done for each part of the product to ensure the quality of the product.

Meet-and-Eat application will help solve the problem of deciding a place to catch up with people. Distance shall no longer be a problem, since the application will find the most convenient and desired restaurant which is accessible to everyone. As time is an important factor in every field, the application will strive to help manage user's time better by doing all the meet-n-eat planning for them.

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Week #1 - Meeting minutes 1

Project Topic: Meet and Eat - Geotargeting Suggestion Engine

Supervisor: Richard Sinn

Joined (or not): Yes

Date/Time: 1/27/2014 8:00PM -8:20PM

Approach: Face-to-Face

Location: Engineering room 325

Attendees: Richard Sinn (supervisor), Sriranjitha Vasudevan, Shubra Shetty, Shruthi Raghunath

Topics discussed:

- Project Abstract discussion
- Obtain approval for project approach and abstract

Action/Work items:

- Complete Team Effectives Group Assignment
- Plan meeting Schedule and get approval signature from supervisor

Next meeting plan: 1/31/2014

Week #1 - Meeting Minutes 2

Project Topic: Meet and Eat - Geotargeting Suggestion Engine

Supervisor: Richard Sinn

Joined (or not): Yes

Date/Time: 1/31/2014 3:00 PM - 4:00 PM

Approach: Face-to-Face

Location: King's Library 3rd floor study area

Attendees: Sriranjitha Vasudevan, Shubra Shetty, Shruthi Raghunath

Topics discussed:

- Discussion about project approach
- Project Abstract discussion

Action/Work items:

- Complete writing abstract
- Submit signed meeting schedule on canvas
- Complete Team Effectives Group Assignment

Next meeting plan: 2/3/2014

Week #2 - Meeting Minutes 1

Project Topic: Meet and Eat - Geotargeting Suggestion Engine

Supervisor: Richard Sinn

Joined (or not): Yes

Date/Time: 2/3/2014 8:00PM -8:15 PM

Approach: Face-to-Face

Location: Engineering room 325

Attendees: Richard Sinn (supervisor), Sriranjitha Vasudevan, Shubra Shetty, Shruthi Raghunath

Topics discussed:

- Review of Abstract
- Discussion of next steps in project (research)

Action/Work items:

- Complete Abstract and submit the assignment
- Complete Abstract presentation and submit the assignment

Next meeting plan: 2/7/2014

Week #2 - Meeting Minutes 2

Project Topic: Meet and Eat - Geotargeting Suggestion Engine

Supervisor: Richard Sinn

Joined (or not): Yes

Date/Time: 2/7/2014 11:00 AM -12:00 PM

Approach: Face-to-Face

Location: King's Library 3rd floor study area

Attendees: Sriranjitha Vasudevan, Shubra Shetty, Shruthi Raghunath

Topics discussed:

- Discussion about project approach
- Project Abstract discussion

Action/Work items:

- Complete Abstract and submitted assignment
- Submit Abstract presentation

Next meeting plan: 2/10/2014

Week #3 - Meeting Minutes 1

Project Topic: Meet and Eat - Geotargeting Suggestion Engine

Supervisor: Richard Sinn

Joined (or not): Yes

Date/Time: 2/10/2014 8:00PM - 8:15 PM

Approach: Face-to-Face

Location: Engineering room 325

Attendees: Richard Sinn (supervisor), Sriranjitha Vasudevan, Shubra Shetty, Shruthi Raghunath

Topics discussed:

- Discussed review comments got from advisor
- Discussed project approach

Action/Work items:

- Change/correct abstract
- Send completed abstract for signature
- Continue research on existing similar projects if any, and data collection

Next meeting plan: 2/14/2014

Week #3 - Meeting Minutes 2

Project Topic: Meet and Eat - Geotargeting Suggestion Engine

Supervisor: Richard Sinn

Joined (or not): Yes

Date/Time: 2/14/2014 11:00 AM -12:00 PM

Approach: Face-to-Face

Location: King's Library 3rd floor study area

Attendees: Sriranjitha Vasudevan, Shubra Shetty, Shruthi Raghunath

Topics discussed:

- Discussion on existing applications
- Planned to attend Symposium on 2/20/2014

Action/Work items:

- Changed and updated Abstract
- Submit final signed Abstract copy on canvas

Next meeting plan: 2/17/2014

Week #4 - Meeting Minutes 1

Project Topic: Meet and Eat - Geotargeting Suggestion Engine

Supervisor: Richard Sinn

Joined (or not): Yes

Date/Time: 2/17/2014 8:00PM -8:15 PM

Approach: Face-to-Face

Location: Engineering room 325

Attendees: Richard Sinn (supervisor), Sriranjitha Vasudevan, Shubra Shetty, Shruthi Raghunath

Topics discussed:

- Continue research on topics related to project.
- Discussion on tools required for the project

Action/Work items:

- Continue research on related topics and tools for the project.

Next meeting plan: 2/21/2014

Week #4 - Meeting Minutes 2

Project Topic: Meet and Eat - Geotargeting Suggestion Engine

Supervisor: Richard Sinn

Joined (or not): Yes

Date/Time: 2/21/2014 3:00 PM -4:00 PM

Approach: Face-to-Face

Location: King's Library 3rd floor study area

Attendees: Sriranjitha Vasudevan, Shubra Shetty, Shruthi Raghunath

Topics discussed:

- Tools required for project
- Data Collection progress

Action/Work items:

- Started writing Project journal
- Creation of Refworks account to collect Citations used in research.

Next meeting plan: 2/24/2014

Week #5 - Meeting Minutes 1

Project Topic: Meet and Eat - Geotargeting Suggestion Engine

Supervisor: Richard Sinn

Joined (or not): Yes

Date/Time: 2/24/2014 8:00PM -8:20 PM

Approach: Face-to-Face

Location: Engineering room 325

Attendees: Richard Sinn (supervisor), Sriranjitha Vasudevan, Shubra Shetty, Shruthi Raghunath

Topics discussed:

- Discussion about data management
- Discussion on tools required for the project
- Discussion about development environment

Action/Work items:

- Continue research on related topics and tools for the project.

Next meeting plan: 2/27/2014

Week #5 - Meeting Minutes 2

Project Topic: Meet and Eat - Geotargeting Suggestion Engine

Supervisor: Richard Sinn

Joined (or not): Yes

Date/Time: 2/27/2014 11:00 AM -12:00 PM

Approach: Face-to-Face

Location: King's Library 3rd floor study area

Attendees: Sriranjitha Vasudevan, Shubra Shetty, Shruthi Raghunath

Topics discussed:

- Discuss features required
- Discuss the journal entries of past and future timings and dates

Action/Work items:

- Submit Project journal assignment
- Research about development Environment

Next meeting plan: 3/3/2014