CS-235 User Interface Design – Project Proposal

Project Code Name: Hola (Might change later)

Developer(s):   *Piyush Bajaj, Paridhi Agrawal*

Date: *09/12/2017*

Abstract

This application enables a user to locate other users in a user-specified location. The application can be expanded to include search based on multiple user's parameters.

Objectives

- *Enable user to find people in their vicinity.*
- *View other user's Facebook profile.*
- *Get distance/direction between two end users.*
- *Leverage Google Map API's for user data visualization.*
- *Efficient use of Facebook API's to gather relevant user data for analysis and application.*
- *To learn various UI best practices in Google Maps.*
- *To design an interactive, user-centric User Experience.*

Implementation Plan

Using ATOM, create a web-app where a user can register via Facebook and view neighboring users over a sophisticatedly designed interface. The user can narrow their search results based on the various input parameters such as, Name, Interests, Hometown, Work, School. User can also view other user data profile over a custom designed map marker and connect with them.

Libraries: Google Map API, Facebook Graph API v2.10, RESTful API

Programing language: JavaScript, MySQL/MongoDB

Tools: ATOM cloud IDE

 As we are a team of two, we plan to distribute implementation of various features, such as login and access, data visualization of user data profile, location, photos and search based on user parameter.

Maintaining a single data repository which will hold all user data fetched by Facebook APIs. This will be complimentary for all features.

Interests & Skills: Web-Development, UI Designing, RESTful API services, MySQL, JavaScript