CS5551-ADVANCED SOFTWARE ENGINEERING

Dr. YUGYUNG LEE

ASSIGNMENT - 5

SUBMITTED BY: SWETHA CHANDRA KARROTI | STUDENT ID: 16208563| CLASS ID: 21
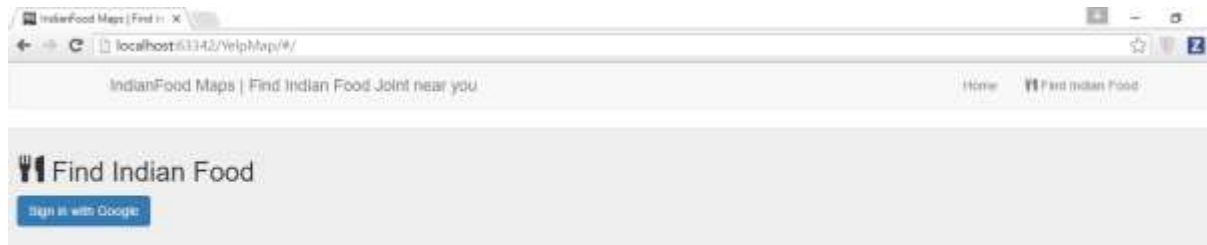
Given task is to create a Mashup Application and include a social login.

App Idea: Use Geo Location API and get the current location and using the FourSquare API get the list of Indian Restaurants and plot those restaurants on Google Map with information like Restaurant Address and distance from current user's location.

Steps Involved:

1. First Create a Project on Google Developer console in order obtain Client ID to integrate Google Plus login on the application.
2. Create an AngularJS application using WebStorm IDE and the module is named FoodMap with ngRoute dependency.
3. When the user clicks on Login with Google+, the user is redirected to Google Login authorization page and upon successful login, the user is redirected to the application landing page specified in the Google Developer Console Project Credentials page.
4. Upon Landing on the page, the access token from the URL is parsed and is passed to the YelpCtrl, by making an REST call to the API, basic info of the user is obtained and is parsed and inserted into DOM.
5. In the FoodMap route, the browser requests the user for letting him/her know the current coordinates. These coordinates are passed to FourSqaure search End point along with query string "Indian" and with a category ID that belongs to Indian Cuisine restaurants.
6. Upon successful request, response is parsed and is plotted on the map with markers.
7. Markers infowindow contains the information like, Restaurant Name, restaurant address and distance from the user's current location.
8. In the FoodMap.html page a table is created and ng-repeat is used to show the list of Restaurants that are returned from FourSquare response.

SCREENSHOTS:

Upon logging in, User Full name is fetched from Google public profile.

IndianFood Maps | Find Indian Food Joint near you   Home   🍴 Find Indian Food

Swetha Chandra, Indian Restaurants near you

Swagat Fine Indian Cuisine

Ruchi Indian Cuisine

Indian Hills Country Club Snack Bar

Indiana Market and Deli

Indian restaurant

Chili N Spice Indian Bistro

Chili N Spice Indian Bistro

Rushi's Indian Restaurant

Indian palace

Indian Creek Community Church Cafe

Indian mix grill

Chili N Spice Indian Bistro

Mirchies Indian Eatery

Chili N Spice Indian Bistro

Mirchies Indian Eatery

Indian curry and bbq bistro

Saffron indian

Rajmahal Indian Restaurant

Taj Mahal

Chilli N Spice Indian Bistro

Mirchies Indian Eatery

indian curry and bbq bistro

Saffron Indian

Rajmahal Indian Restaurant

Taj' Mahal

Chilli N Spice Indian Bistro

Mirchies Indian Eatery

indian curry and bbq bistro

Saffron Indian

Rajmahal Indian Restaurant

Taj' Mahal