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Course:ASE

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Lab No : 8

Class ID : 34

Date : 16th Mar 2016

Question 1 & 2 :

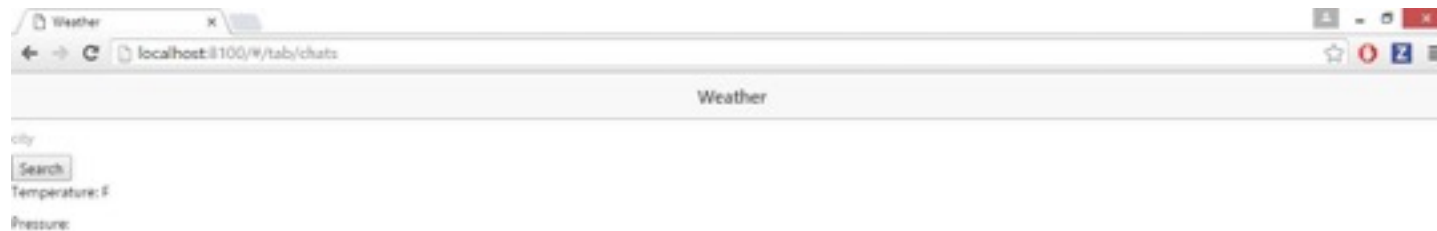
Objective :

The main aim of my project is creating an android application, which is useful to guide a person in a new place about different events like finding places, restaurants and events happening around. For the input I used FourSquare API and OpenWeather API as reference. For that the user gives a query as input. After that I have created an ionic application for my android application.

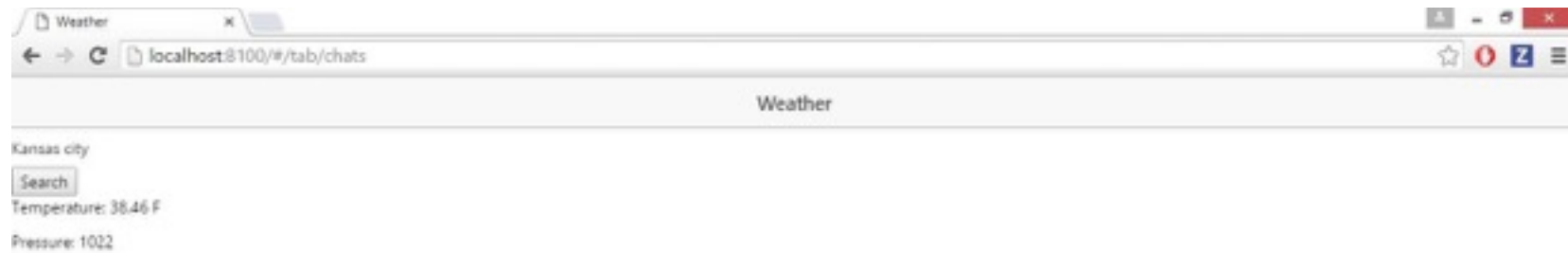
Ionic Application :

Angular JS became the core innovation that made hybrid apps possible in mobile applications. To develop Angular JS the industry subsequently created the Ionic Framework to build AngularJS web apps and hybrid mobile apps. For that I used Brackets to develop Angular JS. Ionic provides similar functionality for AngularJS that Android UI elements provides for Java. It is an Open Source front-end SDK for developing mobile applications and also hybrid applications

Application Steps : Step 1: Weather Details :



Output 1 : In this, I have given an input box to give the city name, where the user wants know the temperature. After clicking on the button, it will display the temperature of the city.



Step : 2 : Food Details :

Output 2: In this, I have given an input box to give the food type, where the user wants know the list of restaurants, which provide particular food. After clicking on the button, it will display the list of restaurants in the city. In this output I have given Pizza as an input, Where it displayed different restaurants list.



Restaurants

localhost:8100/#/tab/dash

☆ ⓘ Z ☰

Restaurants

Pizza

Search

Restaurants List

Pizza Shoppe

Wheat State Pizza

SPINI Neapolitan Pizza

Waldo Pizza

Pizza Chef

Old Shawnee Pizza & Italian Kitchen

Longbranch Steak and Pizza

Pizza 51 West

Prairie fire Oven Mobile Pizza

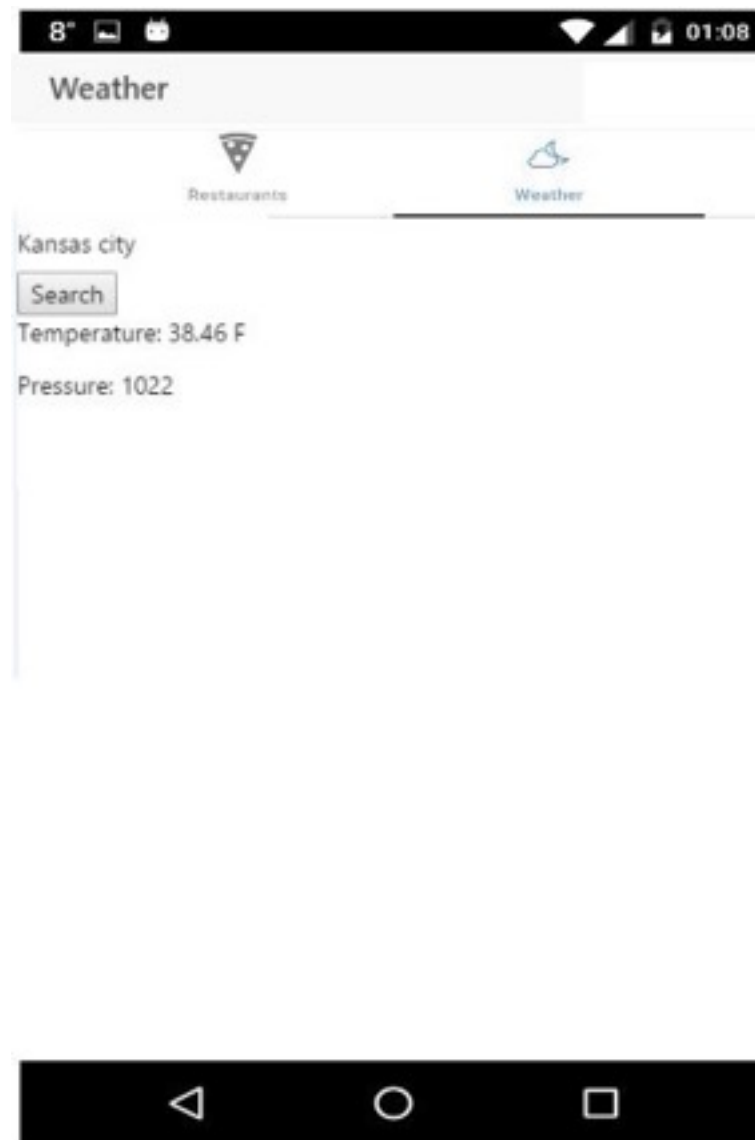
Pizza Hut

Step 3 : Android application for Weather Report:

After implementing weather report, I have developed an android application for displaying weather details using mobile application. In this, I have given an input box to give city and after clicking the button it will display the temperature of the city.



Output :

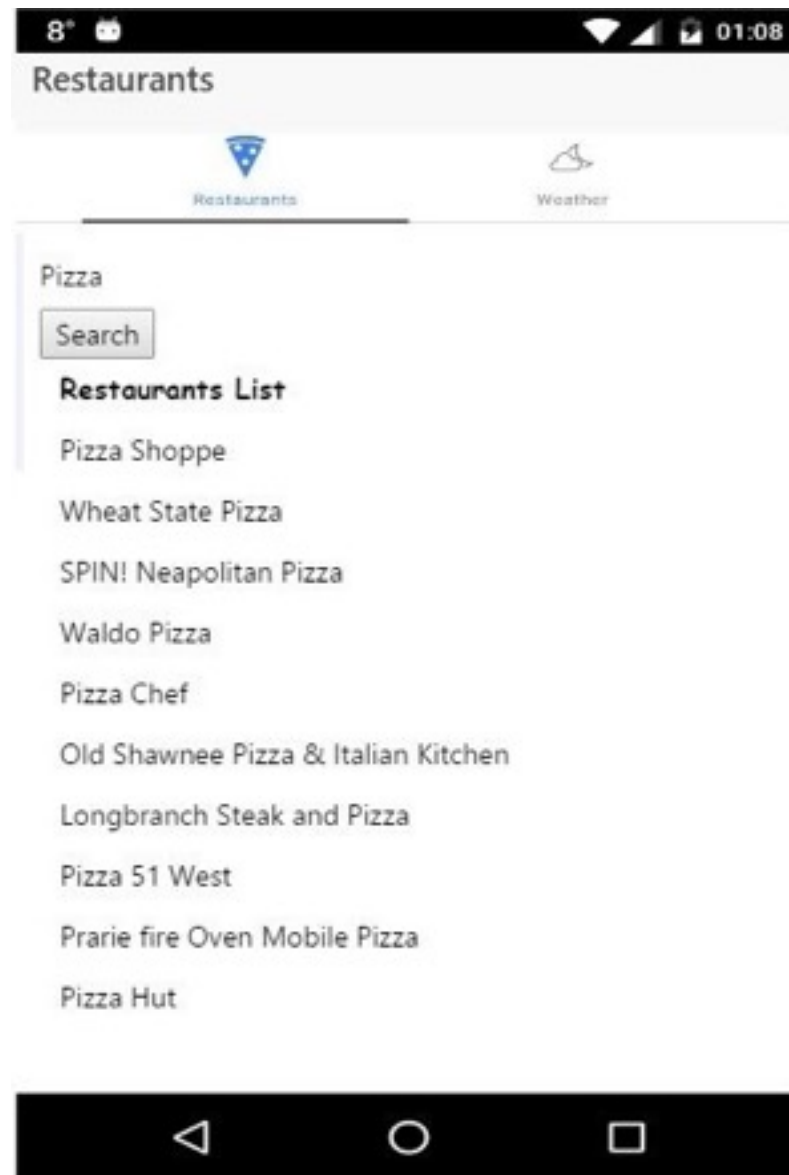


Step 4 : Android application for Restaurants List :

After implementing Restaurants list view, I have developed an android application for displaying restaurants details using mobile application. In this, I have given an input box to give food item and after clicking the button it will display the list of restaurants in the city.



Output :



API Screenshots :

Foresquare API :

The screenshot displays the Foursquare API developer interface. At the top, the Foursquare logo is on the left, followed by a search bar containing "I'm looking for..." and a location field set to "Overland Park, KS". Navigation tabs include "Top Picks", "Trending", "Food", "Coffee", "Nightlife", "Fun", and "Shopping". Below the navigation bar, a promotional banner encourages users to "Find great places on the go" with a "Get the app" button. The main content area is titled "My Apps" and features a "Create a new app" button. Under "My Apps", a card for "Routing Map" displays the Client ID "Y1EOBQ2AIFFGJNQCEZFBPA51O2ZJMSU0TZCOSSLTUXC0DFVQ" and the Client Secret "D4HFGEORKEQMOQYUYYPJF2X35DYAFNZFAYUU2SK5FR2FJXZLO", with a link to "More about this app...". To the right, the "Access Token URL" is "https://foursquare.com/oauth2/access_token" and the "Authorize URL" is "https://foursquare.com/oauth2/authorize". A "Learn more about:" section lists "OAuth2 and foursquare" and "The foursquare API". The footer contains links for "About", "Blog", "Businesses", "Cities", "Developers", "Help", "Jobs", "Cookies (Updated)", "Privacy (Updated)", and "Terms", along with the text "English". The bottom right corner states "Foursquare © 2016" and "Lovingly made in NYC & SF".

FOURSQUARE I'm looking for... Overland Park, KS

Top Picks Trending Food Coffee Nightlife Fun Shopping

Find great places on the go.
Discover what's nearby, search for what you're craving, and get deals and tips along the way. [Get the app](#)

My Apps [Create a new app](#)

Routing Map

Client ID
Y1EOBQ2AIFFGJNQCEZFBPA51O2ZJMSU0TZCOSSLTUXC0DFVQ

Client Secret
D4HFGEORKEQMOQYUYYPJF2X35DYAFNZFAYUU2SK5FR2FJXZLO

[More about this app...](#)

Access Token URL
https://foursquare.com/oauth2/access_token

Authorize URL
<https://foursquare.com/oauth2/authorize>

Learn more about:

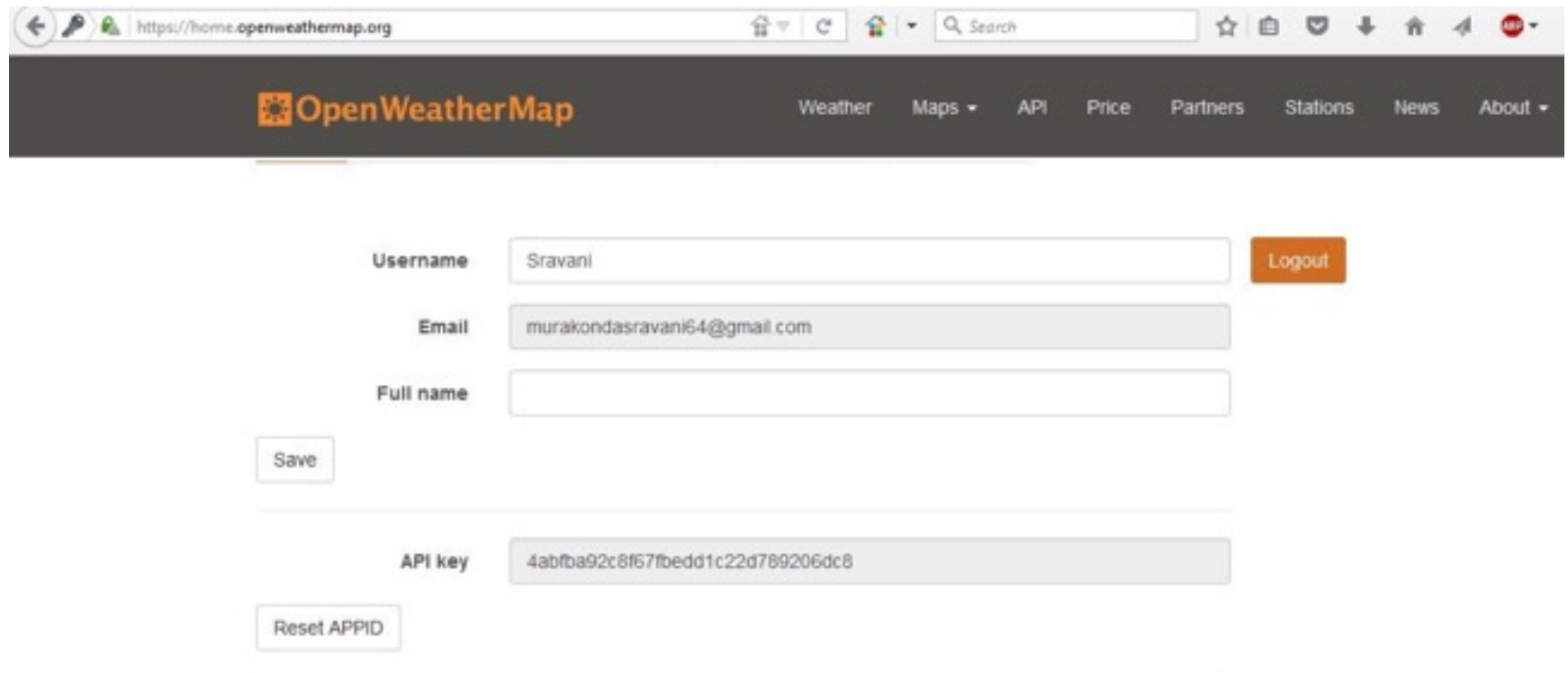
- [OAuth2 and foursquare](#)
- [The foursquare API](#)

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English

Foursquare © 2016 Lovingly made in NYC & SF

OpenWeather API :



The screenshot shows the OpenWeatherMap website's API key management interface. The browser's address bar displays the URL `https://home.openweathermap.org`. The website's header includes the OpenWeatherMap logo and a navigation menu with links for Weather, Maps, API, Price, Partners, Stations, News, and About. The main content area contains two sections for user information. The first section, titled 'Username', has input fields for 'Username' (containing 'Sravani'), 'Email' (containing 'murakondasravani64@gmail.com'), and 'Full name' (empty). A 'Logout' button is positioned to the right of the 'Username' field, and a 'Save' button is below the 'Full name' field. The second section, titled 'API key', has an input field containing the key '4abfba92c8f67fbedd1c22d789206dc8'. A 'Reset APPID' button is located below this field.

Username: Sravani

Email: murakondasravani64@gmail.com

Full name:

Save

API key: 4abfba92c8f67fbedd1c22d789206dc8

Reset APPID

Test Cases : 1

Search : For Pizza

Pre-Conditions : Before opening the application enable the GPS and also device should be with Internet Service with Query

Test-Steps : Open Applications and give the input query

Expected Results : A list of restaurants, where Pizza is available

Actual Result : A list of restaurants which provides pizza were displayed

Test cases : 2

Search : City Name

Pre-Conditions : Before opening the application enable the GPS and also device should be with Internet Service with Query

Test-Steps : Open Applications and give the input query

Expected Results : Temperature Details of the given city

Actual Result : Displayed temperature of the given city

References :

- 1) <http://brackets.io/>
- 2) <https://foursquare.com/>
- 3) <http://openweathermap.org/>
- 4) <https://ccoentraets.github.io/ionic-tutorial/>

