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Lab No : 5

Class ID : 34

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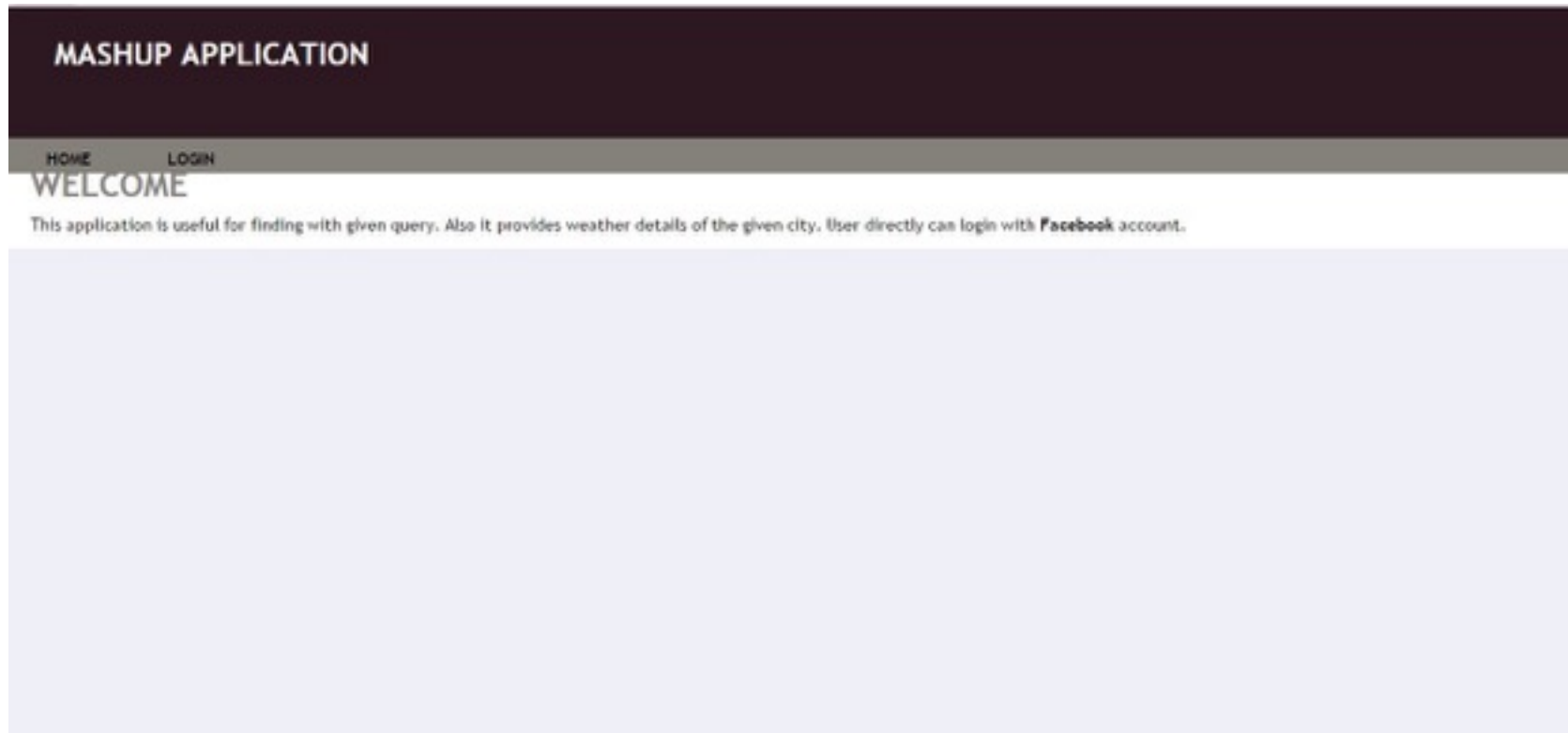
Web Application with Mashup :

The application is useful for getting nearest locations, which are famous according to the query given and location weather report after login with Facebook. In this application we have Mashup the social networks like Facebook to login into the website application, Foursquare for getting the details about the query venues and OpenWeather for getting the weather report for the given city.

Application Steps :

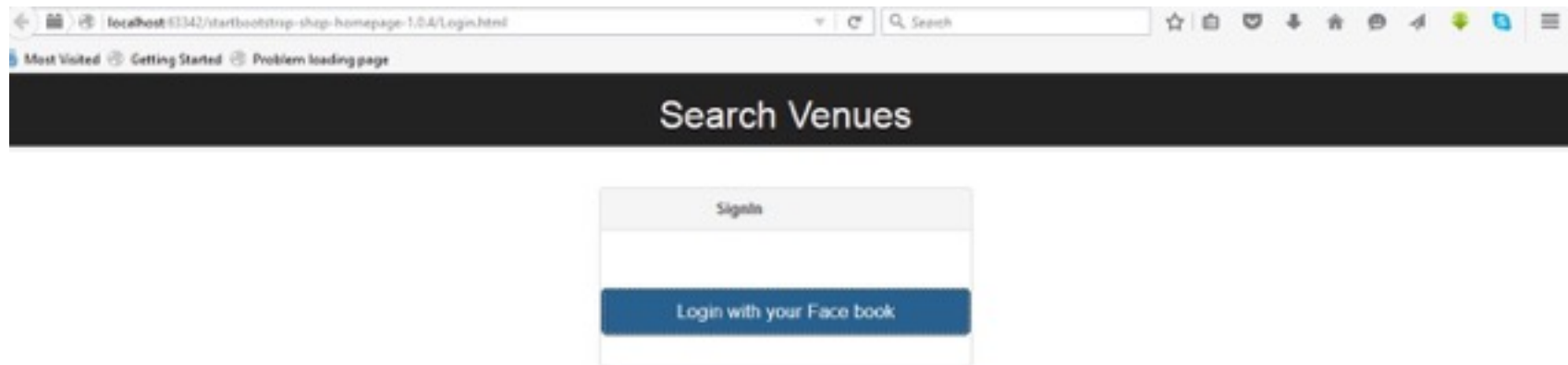
Step : 1 Website Home Page :

The application Homepage gives the details about the features provided by the website like login, home with a welcome message. Now to enter into the website directly login into the website with the login credentials. If the user is new then ask the user to login with facebook.



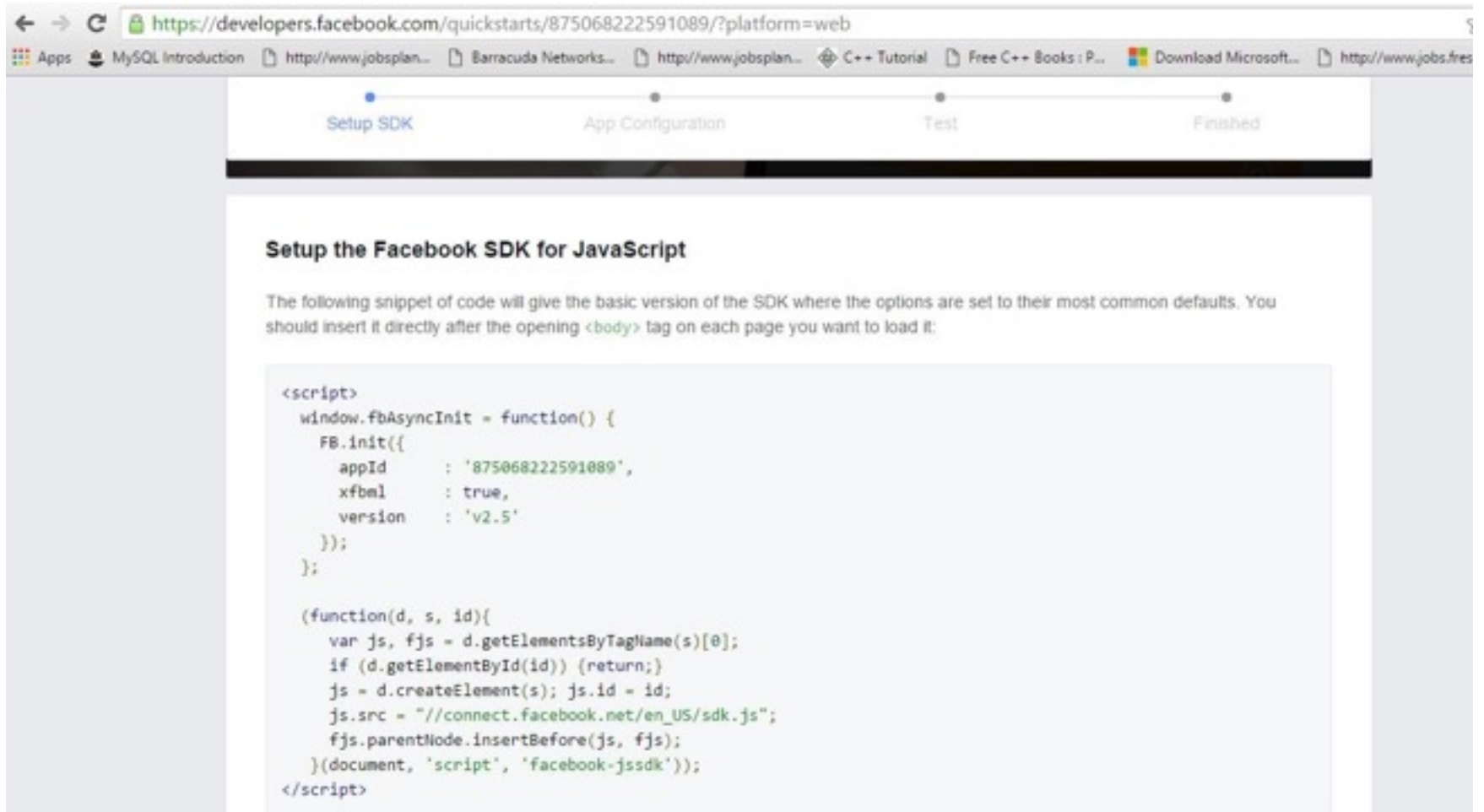
Step : 2 Login Page :

Login page will give the mashup of Facebook to login into the website. Click on the button Login with your Facebook to login with Facebook.



Step 3 : Creating Facebook SDK for JavaScript :

In this for using developers Facebook for getting login credentials in the website, create an account in developers.facebook.com and generate a key by giving website address. Use appld for the login page.



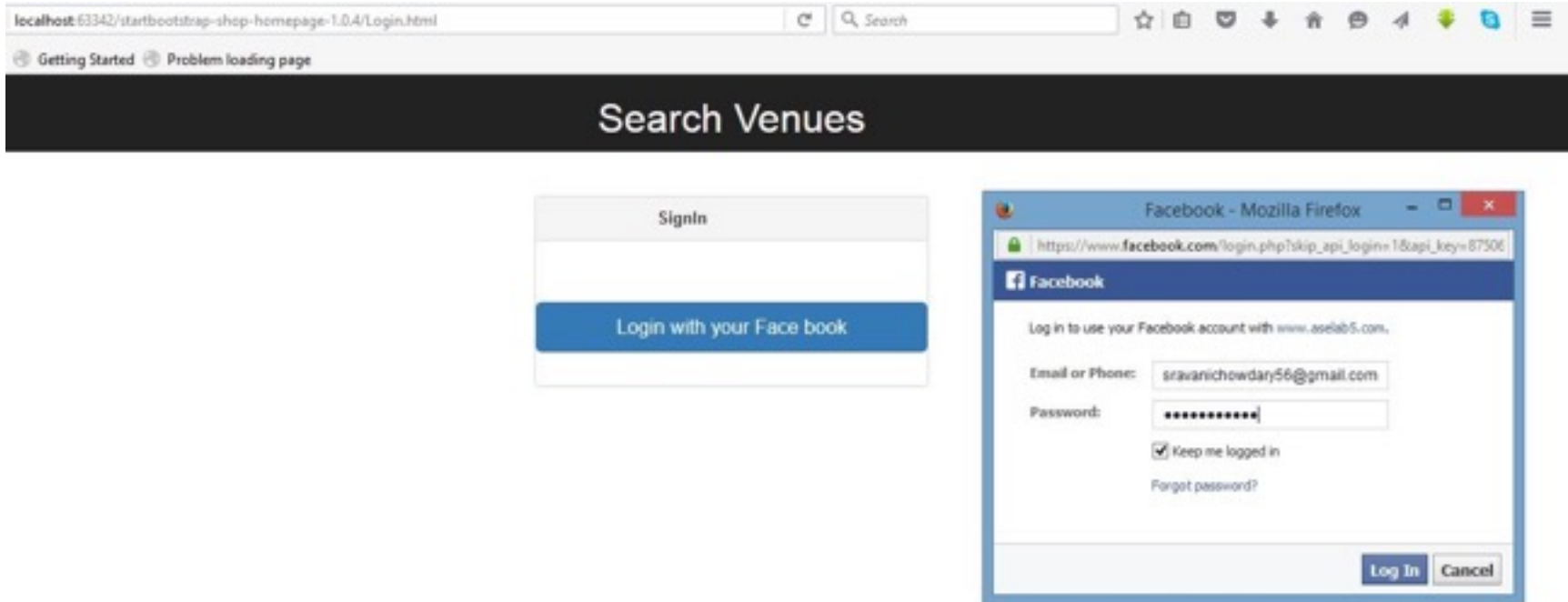
The screenshot shows a web browser window with the URL <https://developers.facebook.com/quickstarts/875068222591089/?platform=web>. The browser's address bar and tabs are visible at the top. Below the browser window, there is a progress bar with four steps: 'Setup SDK' (active), 'App Configuration', 'Test', and 'Finished'. The main content area is titled 'Setup the Facebook SDK for JavaScript'. It contains a paragraph explaining that the following code snippet provides the basic version of the SDK with default options, which should be inserted after the opening `<body>` tag. Below this text is a code block containing the JavaScript code for initializing the Facebook SDK.

```
<script>
window.fbAsyncInit = function() {
  FB.init({
    appId      : '875068222591089',
    xfbml      : true,
    version    : 'v2.5'
  });
};

(function(d, s, id){
  var js, fjs = d.getElementsByTagName(s)[0];
  if (d.getElementById(id)) {return;}
  js = d.createElement(s); js.id = id;
  js.src = "//connect.facebook.net/en_US/sdk.js";
  fjs.parentNode.insertBefore(js, fjs);
})(document, 'script', 'facebook-jssdk');
</script>
```

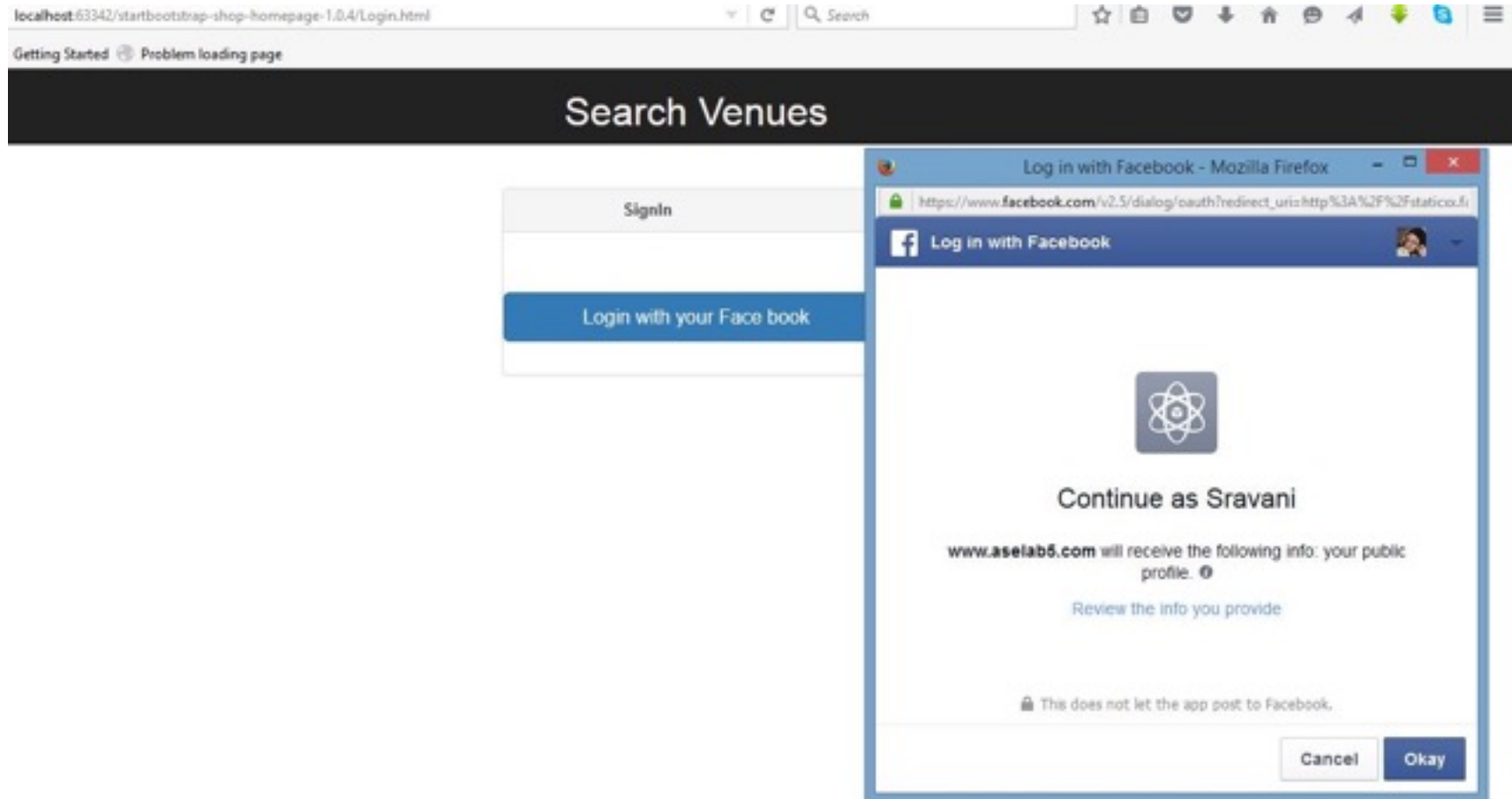
Step 4 : Login with Facebook :

After clicking on the button it will open a new window popup with Facebook login page. Give the login credentials of the Facebook account and click on login.



Step 5 : Facebook Access :

After login into the Facebook it will ask for verification, Click on “okay” for accepting. It will give a popup with the successfully login into the app with Facebook and navigate to search page.



Step : 6 Search Page :

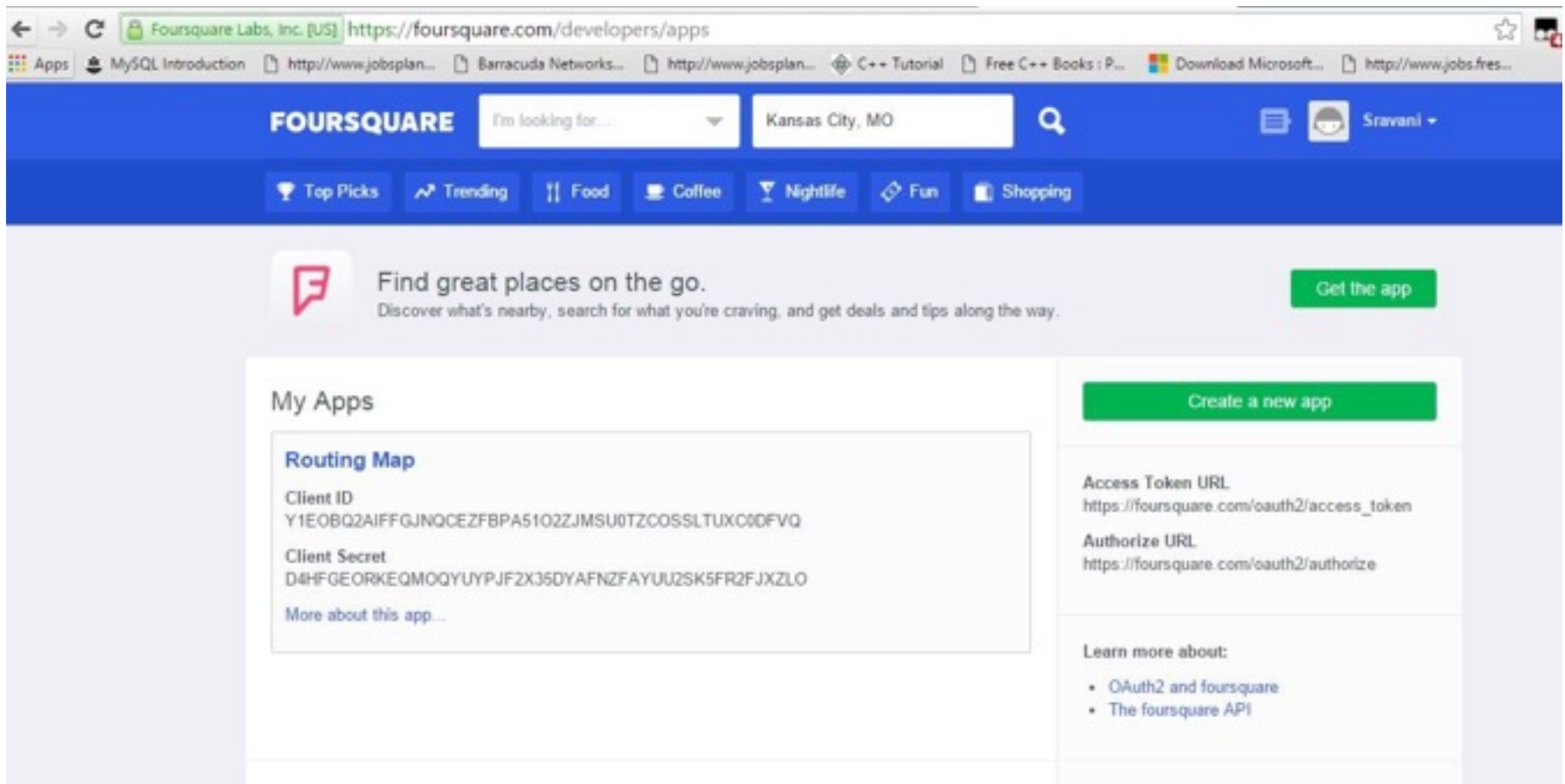
In search page we have two options one is city and another for Interested area query. Just give the details with query for the result.

Search Venues

Enter City
Enter Your Query Here
GetTemperature
Search

Step : 7 Foursquare Mashup Id creation :

In this we will create an account in the foursquare API and create ClientID and Client Secret keys for the application to use the services provided by Foursquare.



The screenshot shows the Foursquare Labs developer interface in a web browser. The address bar displays the URL <https://foursquare.com/developers/apps>. The page features a blue header with the Foursquare logo, a search bar, and navigation links. Below the header, there's a section titled "Find great places on the go." with a "Get the app" button. The main content area is divided into two columns. The left column, titled "My Apps", lists an app named "Routing Map" with its Client ID (Y1EOBQ2AIFFGJNQCEZFBA51O2ZJMSU0TZCOSSLTUXC0DFVQ) and Client Secret (D4HFGEORKEQMOQYUYPJF2X35DYAFNZFAYUU2SK5FR2FJXZLO). The right column contains a "Create a new app" button, the "Access Token URL" (https://foursquare.com/oauth2/access_token), the "Authorize URL" (<https://foursquare.com/oauth2/authorize>), and a "Learn more about:" section with links to "OAuth2 and foursquare" and "The foursquare API".

FOURSQUARE I'm looking for... Kansas City, MO

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

Routing Map

Client ID
Y1EOBQ2AIFFGJNQCEZFBA51O2ZJMSU0TZCOSSLTUXC0DFVQ

Client Secret
D4HFGEORKEQMOQYUYPJF2X35DYAFNZFAYUU2SK5FR2FJXZLO

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

[Create a new 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](#)

Step : 8 Result Page for the Query:

In this we will get all the famous and nearest location venues for the given query with details like Name of the venue and address.

Search Venues

Kansas City
Pizza
<input type="button" value="GetTemperature"/> <input type="button" value="Search"/>

Pizza Bar

Address: 1320 Grand Blvd (btwn E 13th & 14th St), US, Kansas City, MO, 64106, United States,

Minsky's Pizza

Address: 427 Main St (at E 5th St),
US, Kansas City, MO, 64105, United
States,

Pizza Hut

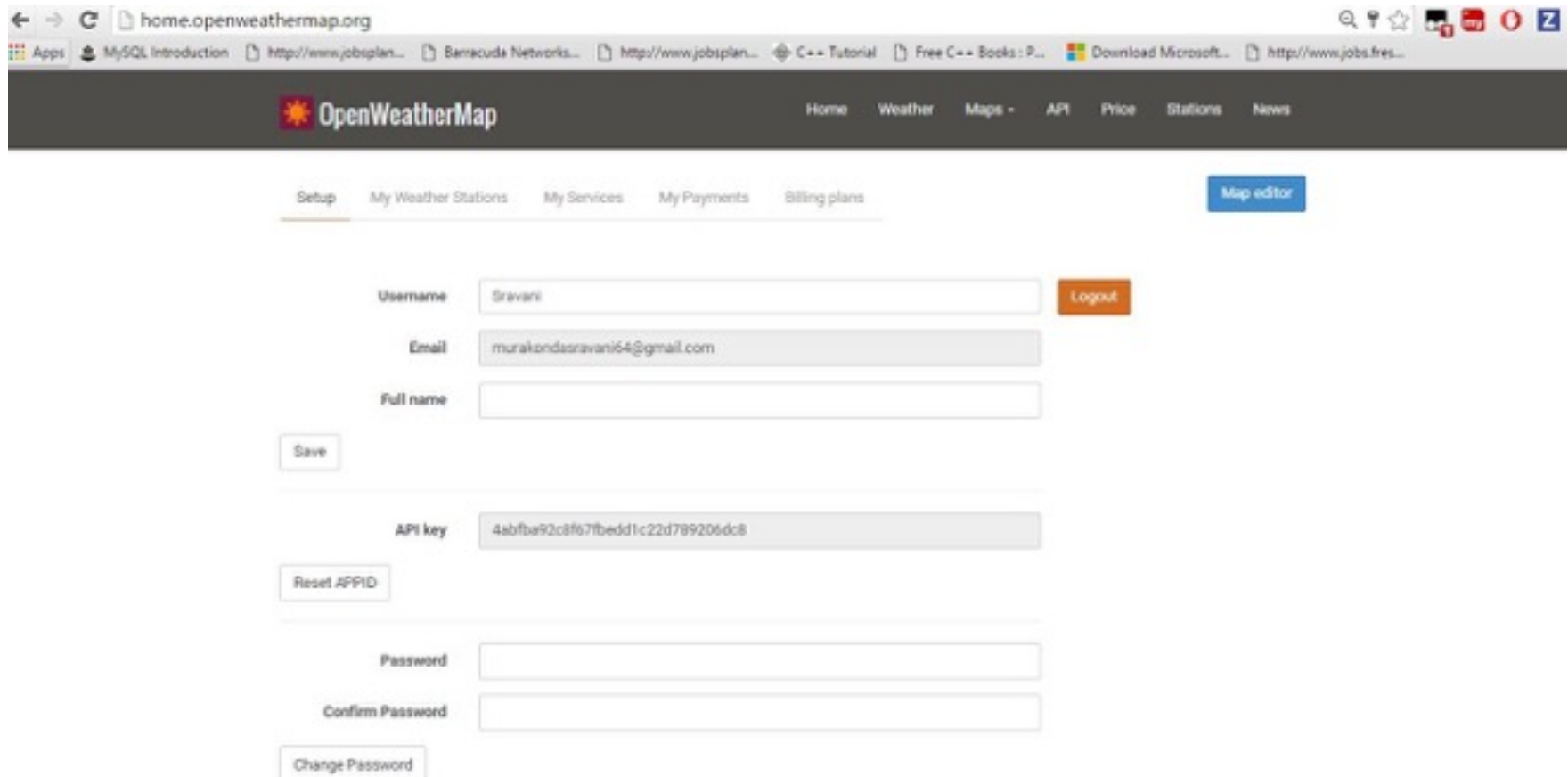
Address: 1020 Broadway Blvd (at W 11th St), US, Kansas City, MO, 64105, United
States,

SPIN! Neapolitan Pizza

Address: 2450 Grand Blvd (undefined), US, Kansas City, MO, 64108, United States,

Step 9 : OpenWeather Mashup :

In this to use OpenWeather site for the weather details input Mashup in our application create account openweathermap.org and see the APIKey for your website.



The screenshot shows the OpenWeatherMap website's account setup interface. The browser's address bar displays 'home.openweathermap.org'. The page features a dark header with the OpenWeatherMap logo and navigation links: Home, Weather, Maps, API, Price, Stations, and News. Below the header, a secondary navigation bar includes links for Setup, My Weather Stations, My Services, My Payments, and Billing plans, along with a blue 'Map editor' button. The main content area contains several input fields: 'Username' (filled with 'Sravani'), 'Email' (filled with 'murakondasravani54@gmail.com'), and 'Full name' (empty). A 'Logout' button is positioned to the right of the Username field. Below these fields is a 'Save' button. Further down, the 'API key' field is filled with '4sbfb92c8f67fbedd1c22d789206dc8', with a 'Reset APIID' button to its left. At the bottom, there are 'Password' and 'Confirm Password' fields, both empty, and a 'Change Password' button.

Step 10 : Weather Details :

In this page we will get the details of the given location weather like temperature, Description and wind.

Search Venues

Kansas City
Pizza

GetTemperature Search

Weather Report

Temaparature	41.99° F
Wind	15.46 miles/hour
Description	Clear

Pizza Bar

Address: 1320 Grand Blvd (btwn E 13th & 14th St), US, Kansas City, MO, 64106, United States,

Minsky's Pizza

Address: 427 Main St (at E 5th St),
US, Kansas City, MO, 64105, United
States,

Pizza Hut

Address: 1020 Broadway Blvd (at W 11th St), US, Kansas City, MO, 64105, United
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Address: 2450 Grand Blvd (undefined), US, Kansas City, MO, 64108, United States,