COMP-SCI 5551 Advanced Software Engineering

Assignment 4 Solution

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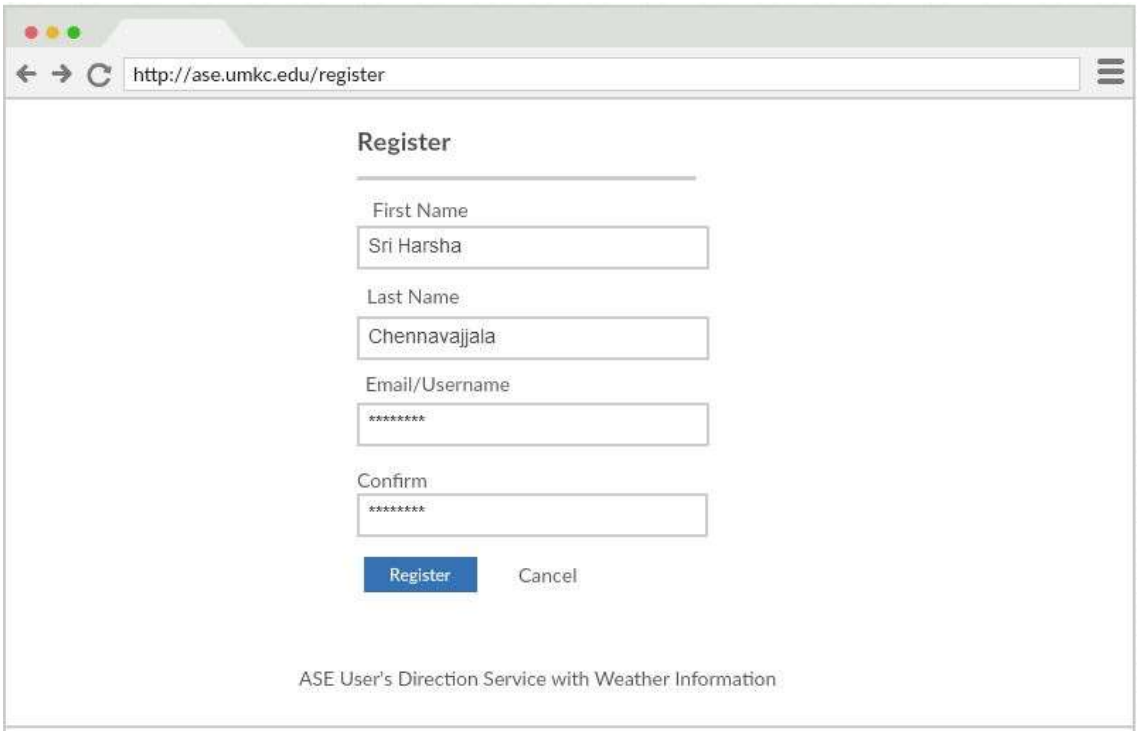
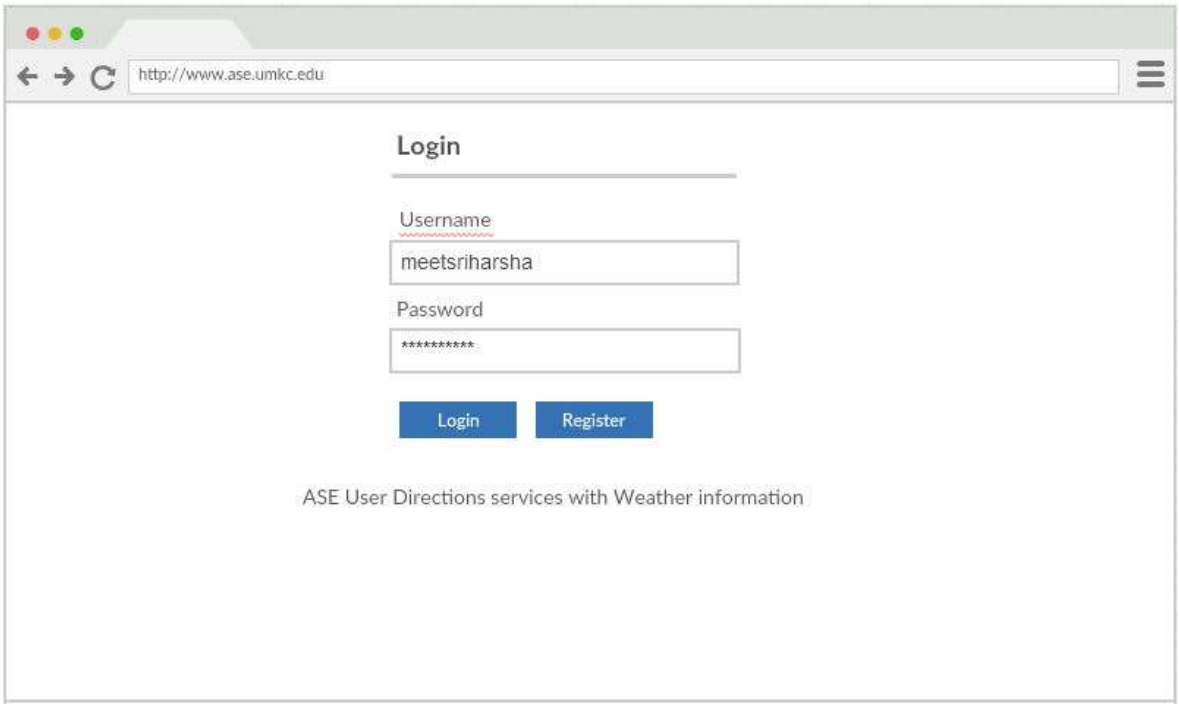
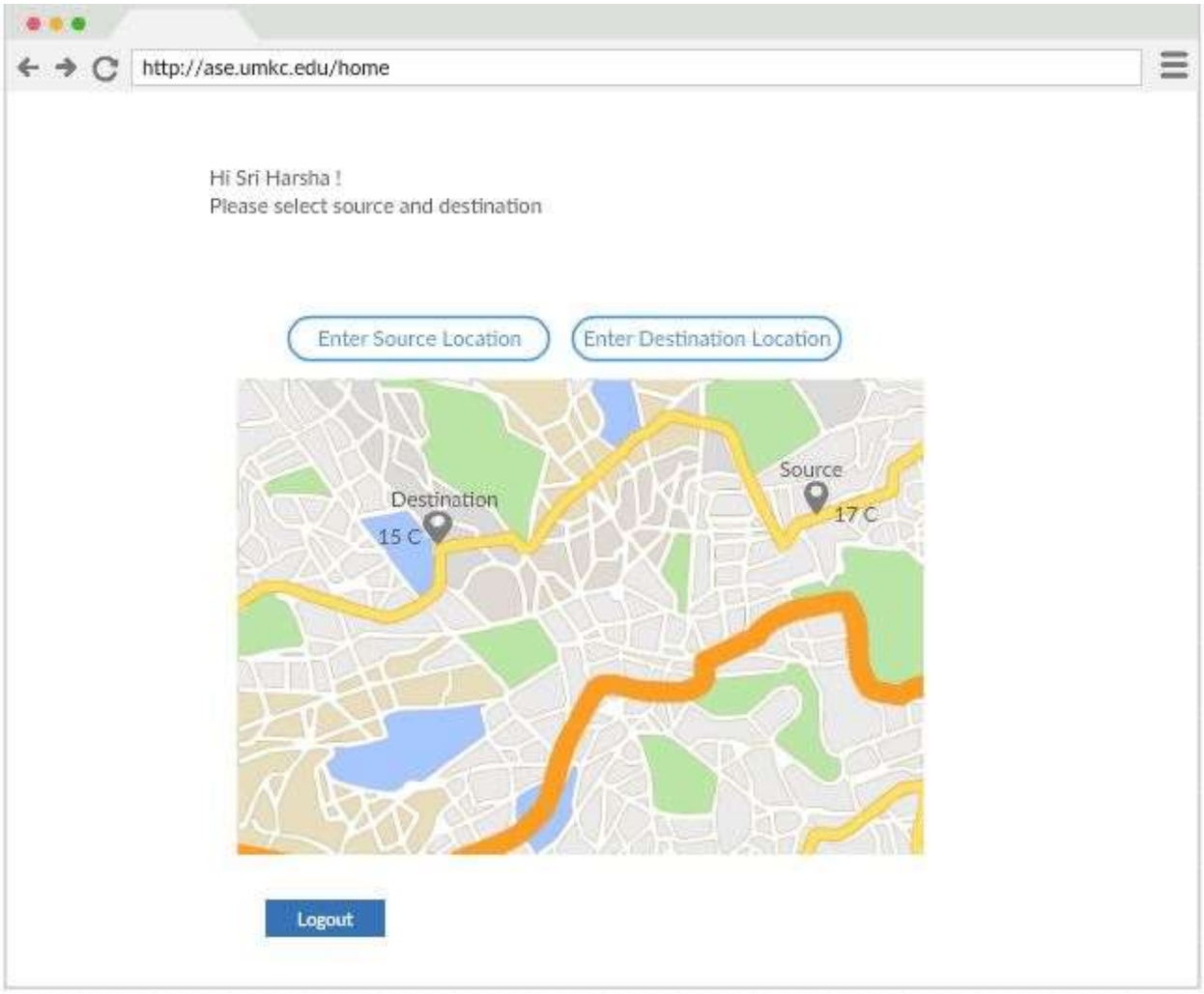
Wireframe diagram for new user registration screen:



Wireframe diagram for user login screen:



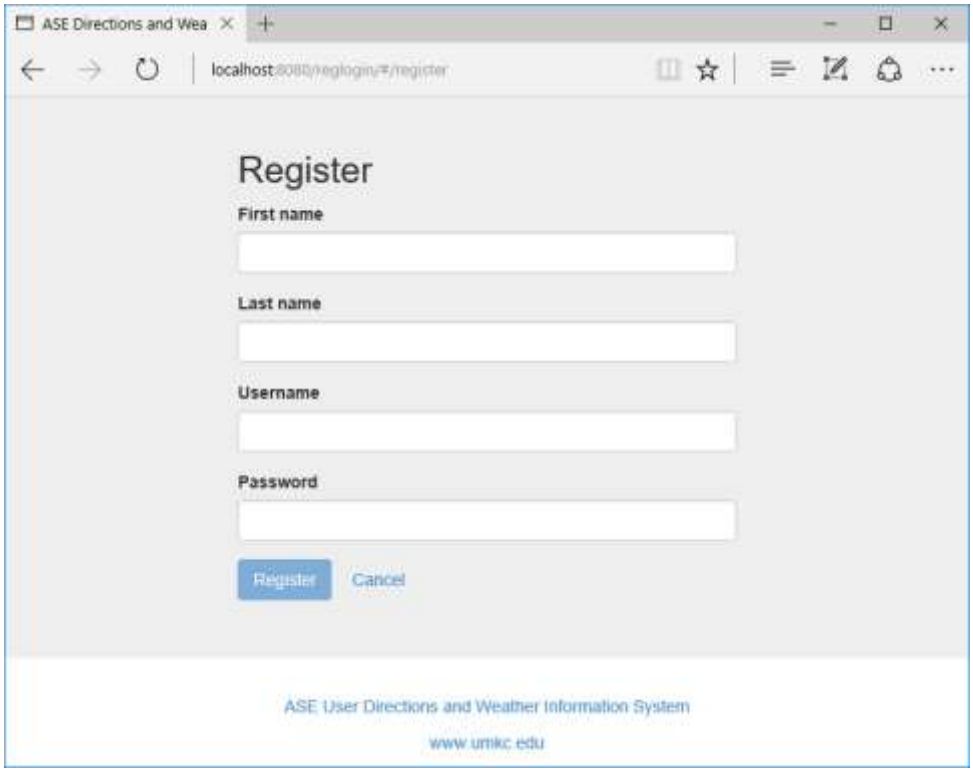
Wireframe diagram for directions and weather page:



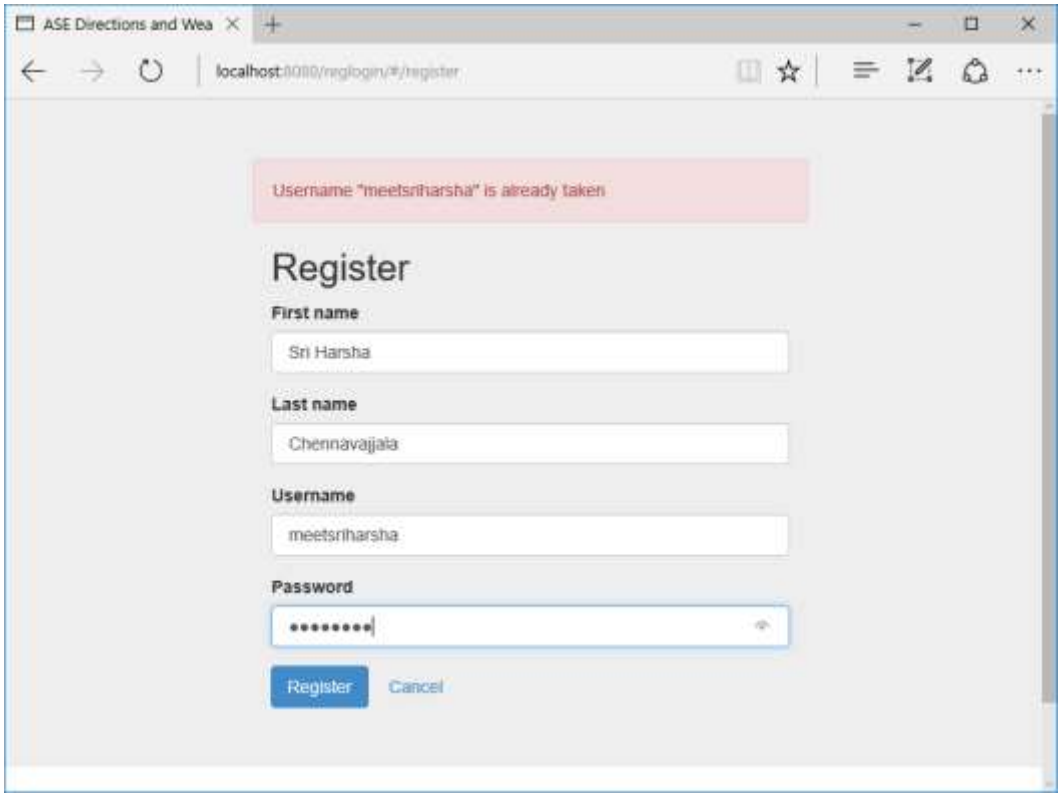
Work done during the website development:

First created the login and registration pages using html 5 and angular js.

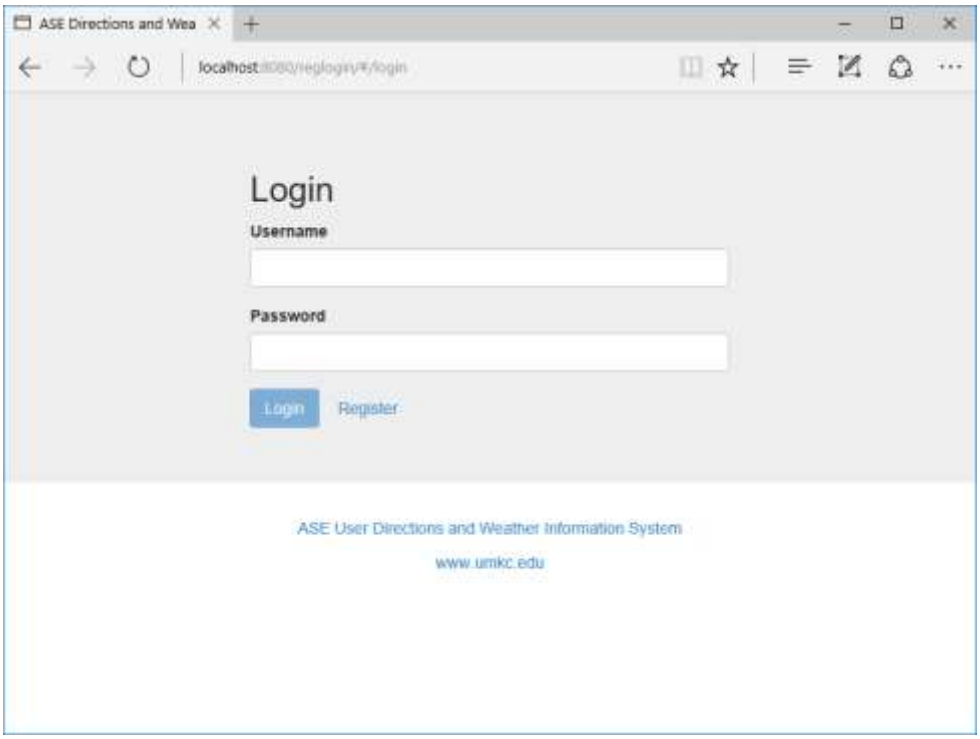
Registration screen:



Registration form has some input data validations.

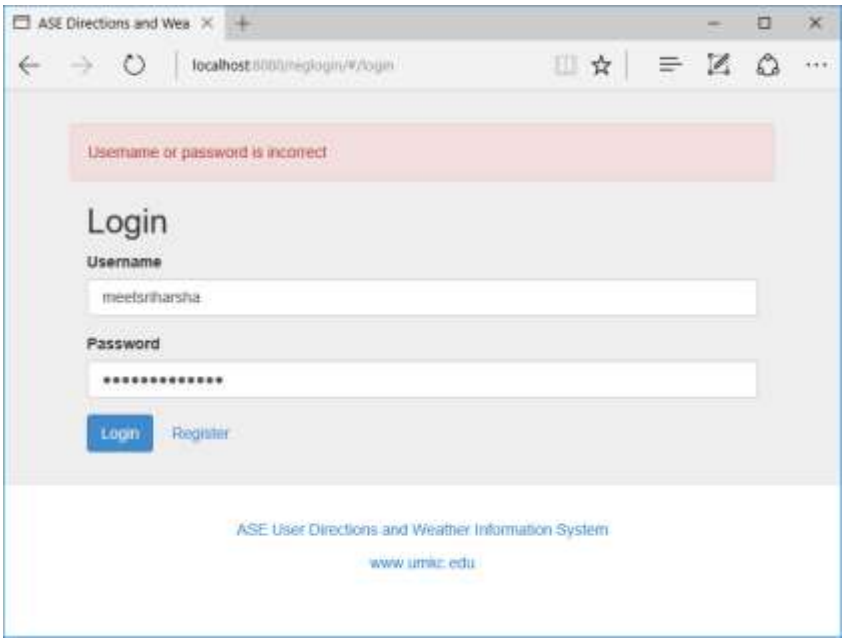


Login Screen:



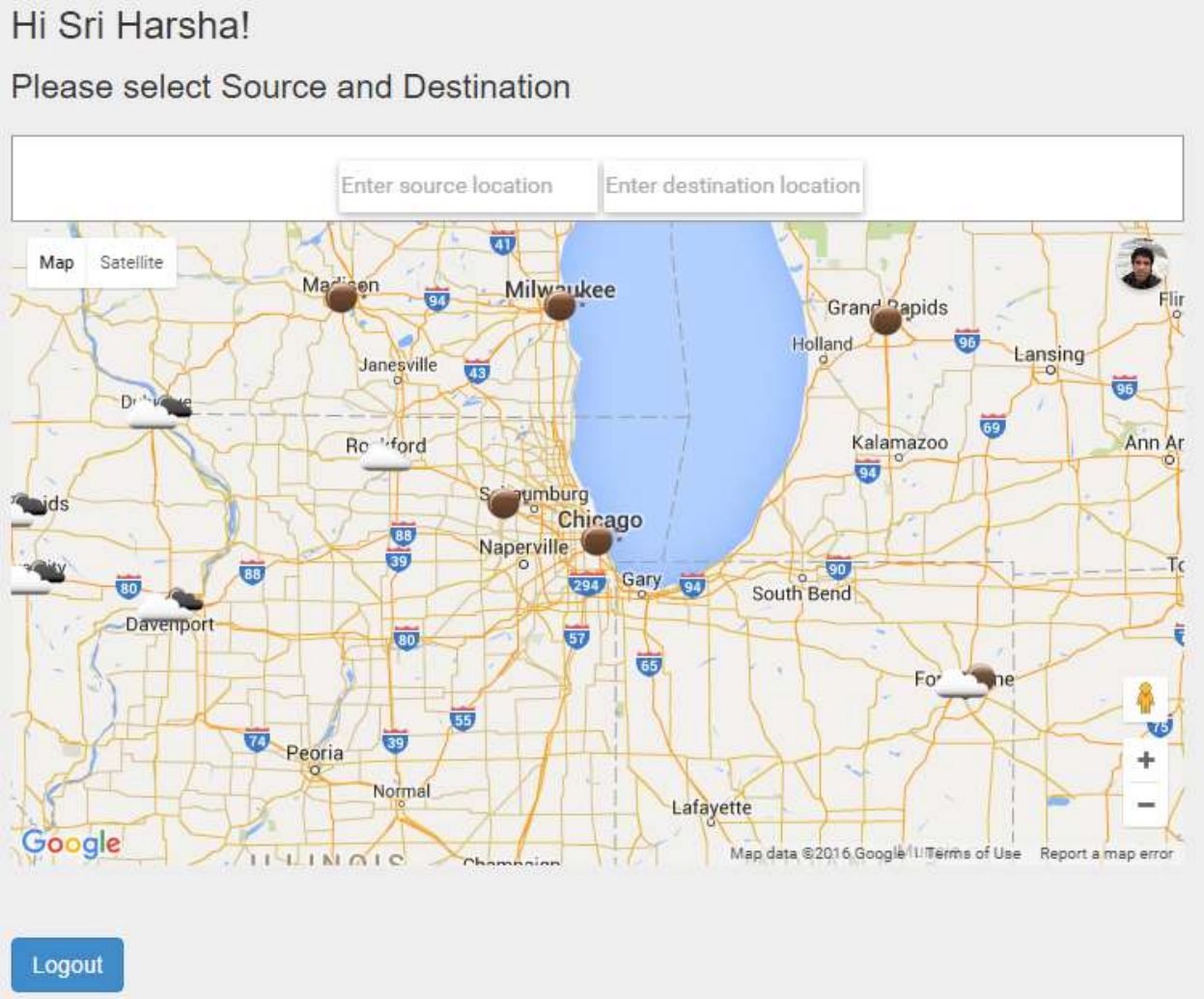
Note: Registered user details will be stored using localstorage. Later, these details will be used to evaluate the user credentials.

If we enter wrong credentials, the page will display an error message as shown below.

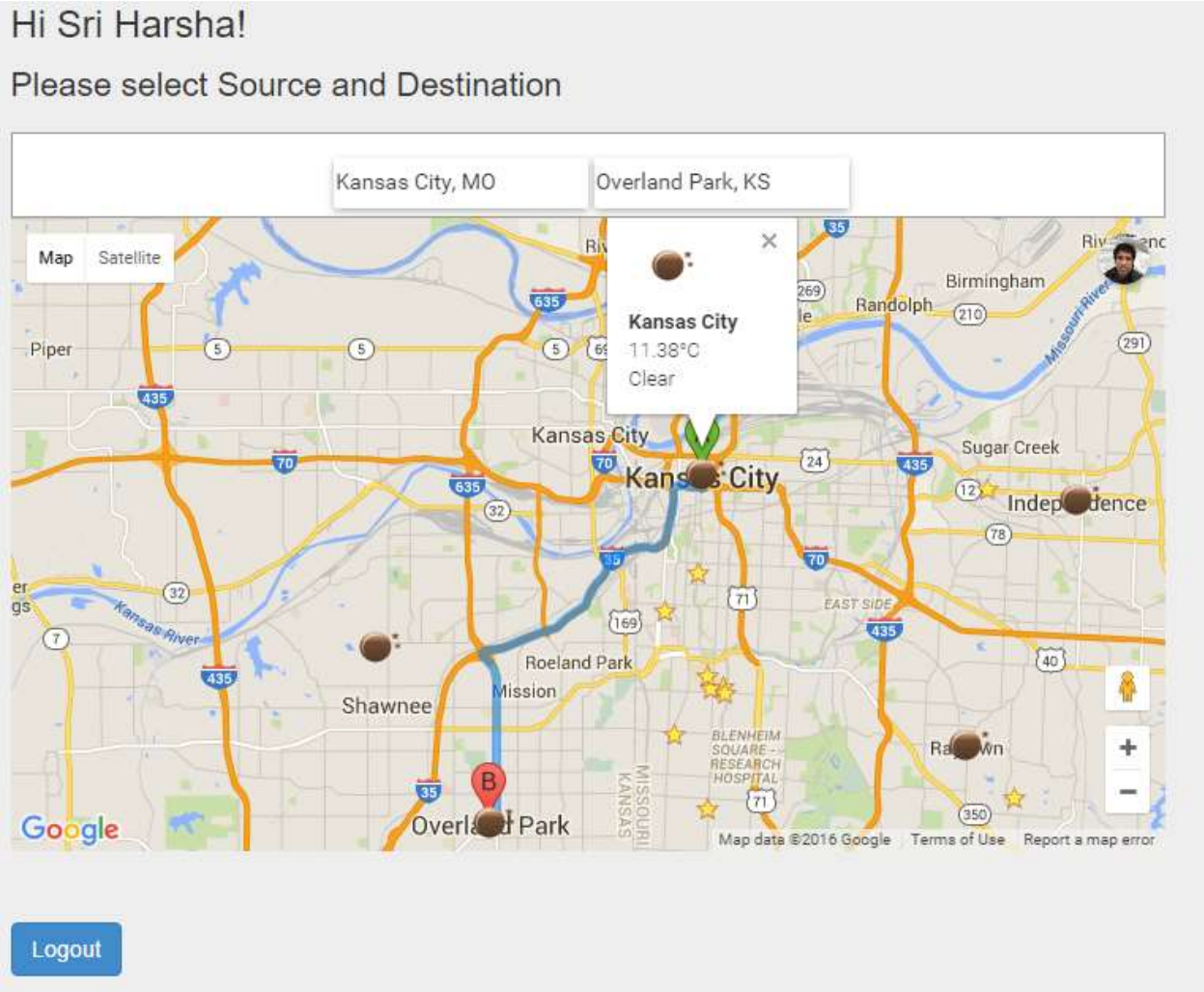


Home Screen:

Home screen will have a map with two input fields for source and destination for which we want to get the directions.



After the user entered the source and destination city names, directions will be displayed along with the weather information.



Here, I've used Google Maps Directions javascript API to get the directions from source to destination.

For weather information, I've used Open Weather Maps API. I've embedded the corresponding javascripts and added a new layer for weather information.

I've created API keys for both Google Maps and Open Weather Maps.

There is a Logout button for the user to logout of his account.