

# CS551 Advanced Software Engineering

## LAB ASSIGNMENT #4

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### Wireframe Web application

As per the requirement, Created Wireframes and a web application with 3 pages such as login page, register page and home page.

#### Login page :

The login page has two buttons

- (i) Login - On clicking login button, the page will navigate to home page
- (ii) Register - On clicking register button, the page will redirect to register page for new account registration.

**Login your information**

**Register first if you don't have an account**

Username

Password

[Register](#)

The above screenshot shows the login page with login and register button. If the user already has an account. They can easily login to home page otherwise the user should create an account by using the registration page.

The below screenshot shows the login page where the user is already having an account. Then this page will directly redirect to the home page.

**Login your information**

**Register first if you don't have an account**

Username

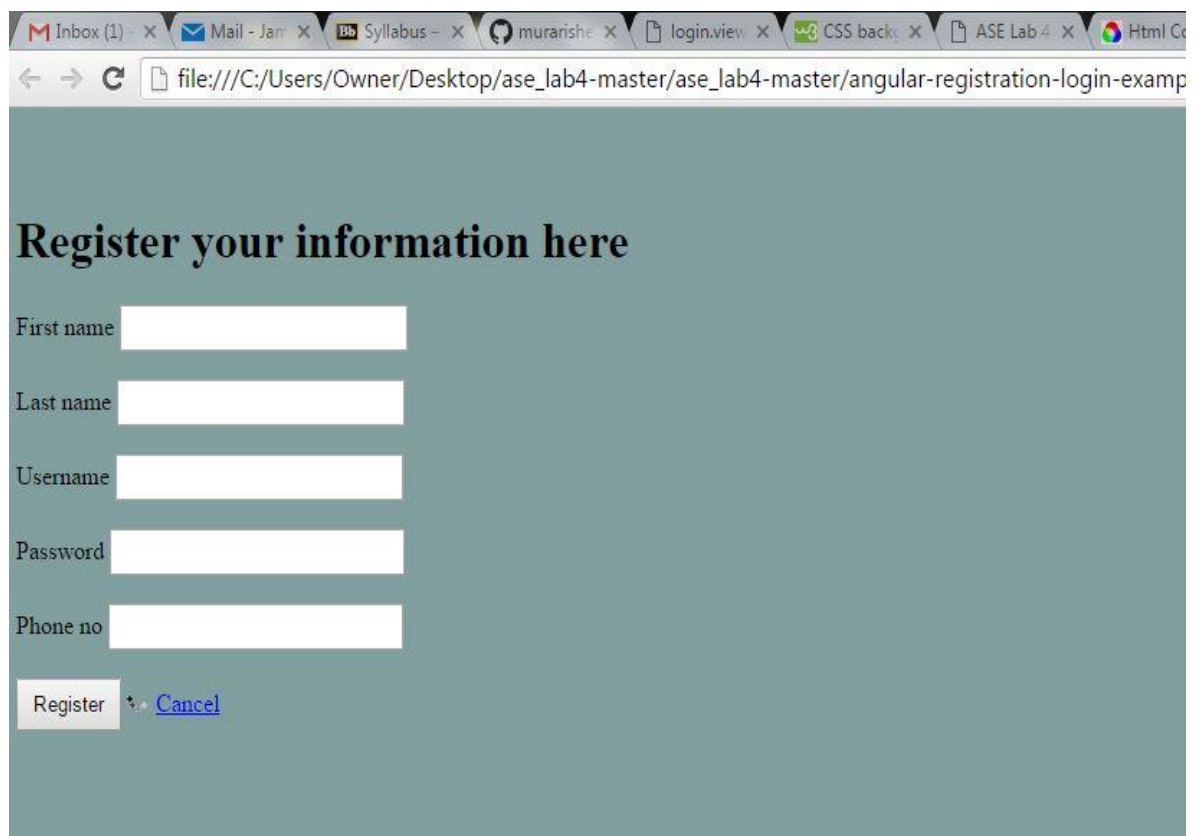
Password

[Register](#)

### Registration page:

The registration page has a form to take basic information from the user and then it will create a new account for that specific user. After completing the registration page, the user can easily login with their new account.

The below screenshot shows the registration page and all available basic information tabs.



The screenshot displays a web browser window with multiple tabs open. The active tab shows a registration form with the title "Register your information here". The form includes five input fields: "First name", "Last name", "Username", "Password", and "Phone no". Below the input fields, there is a "Register" button and a "Cancel" link.

Register your information here

First name

Last name

Username

Password

Phone no

[Cancel](#)

The below screenshot shows the registration page with all the basic information. After entering all the basic information, the user will get a new username and password and this page will redirect to the login page for a normal login.

The screenshot shows a web browser window with several tabs open: 'Inbox - jfath...', 'Mail - Jame...', 'Bb Announcem...', 'murarishett...', and 'ASE Lab 4'. The address bar displays a file path: 'file:///C:/Users/Owner/Desktop/ase\_lab4-master/ase\_lab4-master/a'. The main content area has a teal background and features the heading 'Register your information here' in a large, bold, black serif font. Below the heading is a registration form with the following fields: 'First name' with the value 'Fathima', 'Last name' with the value 'James', 'Username' with the value 'jfathima', 'Password' with masked characters '.....', and 'Phone no' with the value '816-255-8060'. At the bottom of the form are two buttons: a grey 'Register' button and a blue 'Cancel' link.

**Register your information here**

First name Fathima

Last name James

Username jfathima

Password .....

Phone no 816-255-8060

Register [Cancel](#)

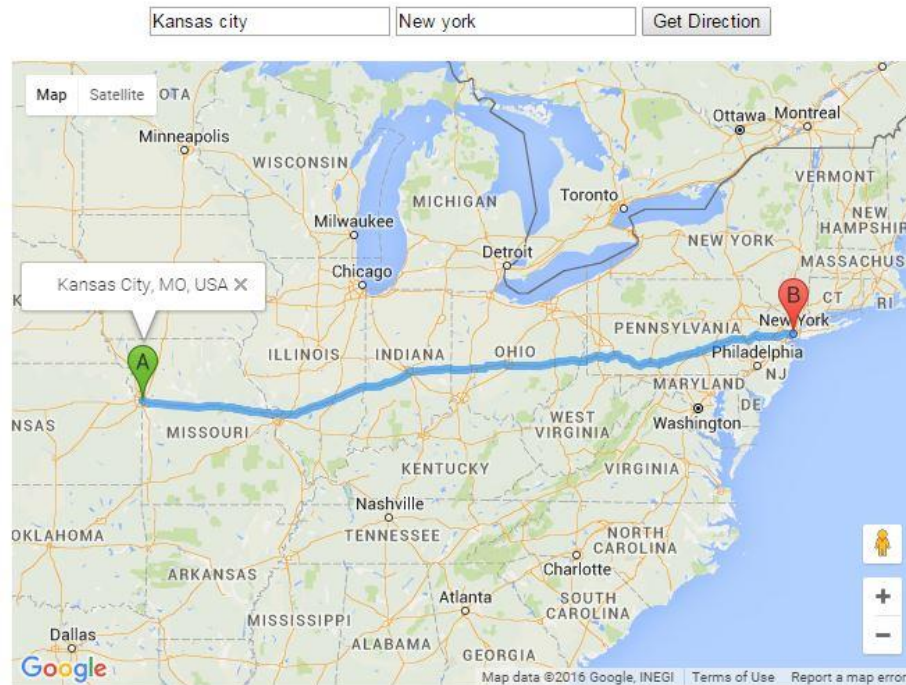
### Home page:

The home page is using the Google Map web service to mark Start and End Points and also displaying the weather details for both source and destination places.

Once the user login successfully, the page will redirect to the home page. To get the direction, the user should enter the source and destination places and then hit the get direction button. Then they will see the route with directions for their specified locations.

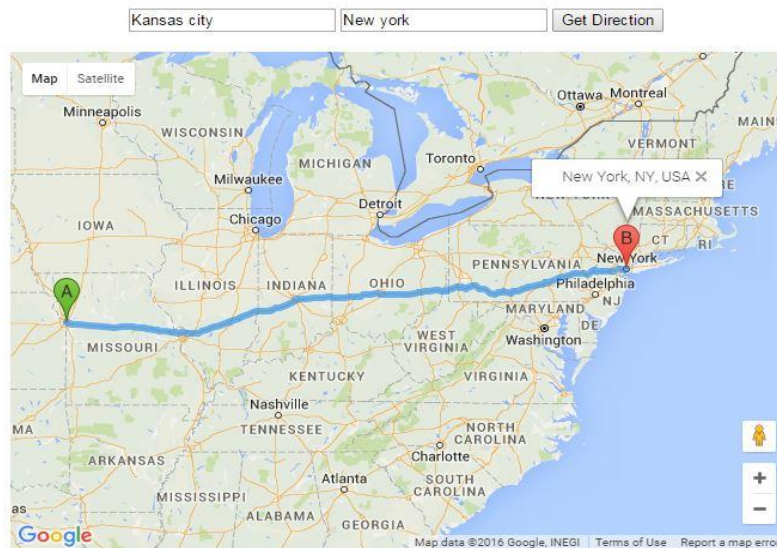
The below screenshot shows the home page map with source location marked map and destination place as well.

## Weather details for source and destination with directions



The below screenshot shows the direction for the specified source and marked destination place.

## Weather details for source and destination with directions



The next and final screenshot is for getting the weather details for both source and destination places. So the below screenshot shows the source place weather (Kansas city) as 61F and the destination place weather (New York) as 37F.



Get weather for Source

## Forecast For Kansas City

Current: Fair | 61F

Get weather for destination

## Forecast For New York

Current: Cloudy | 37F

### Conclusion:

Based on the requirement, The login page has been created with two buttons such as Login and Register. The user will go to register page by clicking the register button and will create a new account if they already don't have an existing account. Otherwise the user can directly login to the home page by giving their existing account details. The home page is using the external Google Map web service to mark Start and End Points and also displaying the weather details for both source and destination places.