CS551 Advanced Software Engineering
LAB ASSIGNMENT #8
Instructor : Dr. Yugyung Lee
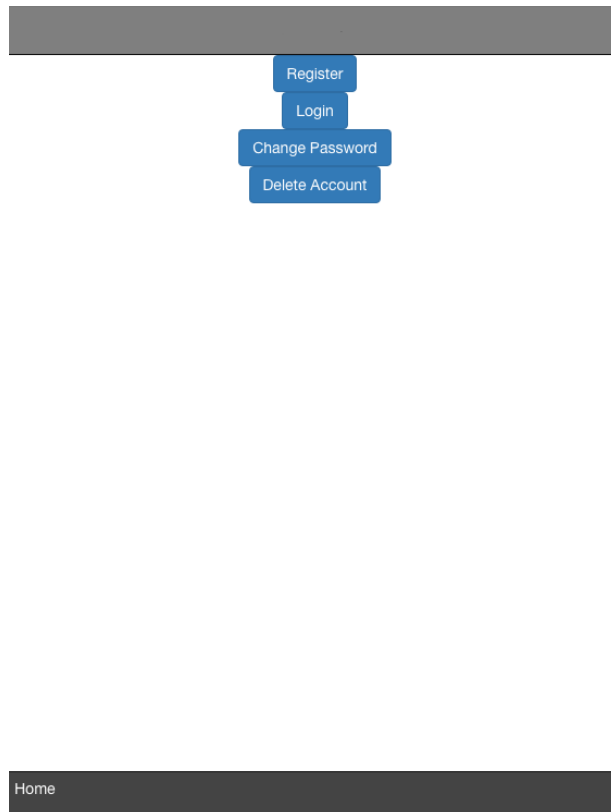# Teaching Assistant : Prady
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Submission Date : 03/16/2016
Class ID : 58

In this assignment, I created a mobile application related to my project. The home page, we can see all the available features of this application such as register, login, change password and delete account. If the user don't have the existing account, they have to create a new account by clicking the register button. The below screenshot shows the home page.

Register

Login

Change Password

Delete Account

Home

The below screenshot shows the register page. By giving all the basic details, the user can create a new account. Some fields are required and the user should have to enter all those fields otherwise the validation error will be thrown. Once the user create an account, they can login through the login page.

Validation test case I

The required filed validation has been applied there in this register page. So the field with * should have to enter, otherwise the error will be thrown. The screenshot shows the successful test because the validate fields are entered.

Register

Username*	jfathima
Password*	**********
Repeat password*	**********
Email*	jfathimajames@gmail..com
Home address	5720 Grand Ave
City	Kansas City
State	MO
Country	United States

Register

* = required fields

Register -Home

Validation test case II

The blow screenshot shows the failure test case. As shown in the screenshot, the user can't directly click the register page. If it's happened, the validation error will be thrown. They have to give the all the required fields.

Validation test case III

As per the below screenshot, if the user gives the wrong username or password, the specific error will be thrown. This is the second failure test case. Once the user register their details, they can login through login page.

Register

Username*	ABC
Password*	**********
Repeat password*	**********
Email*	jfathimajames@gmail..com
Home address	5720 Grand Ave
City	Kansas City
State	MO
Country	United States

Register

* = required fields   The username is incorrect

Register -Home

The login page, we have the option to change the password. If the user want to change the password, they change the password as shown the below screenshot.

Change Password

Username	jfathima
Old Password	***********
New Password	*********
Repeat Password	*********

Change password

Change Password - Home

The below screenshot shows the login page. The user can login by giving their login credentials.

Login here!

Username	jfathima
Password	***********

Login Account

Change Password - Home

After login, the user can get their location or any other specific location by using the map and giving their specific start and end location.

The user can delete their account by giving their login details in delete page as shown in the figure.

Delete Account

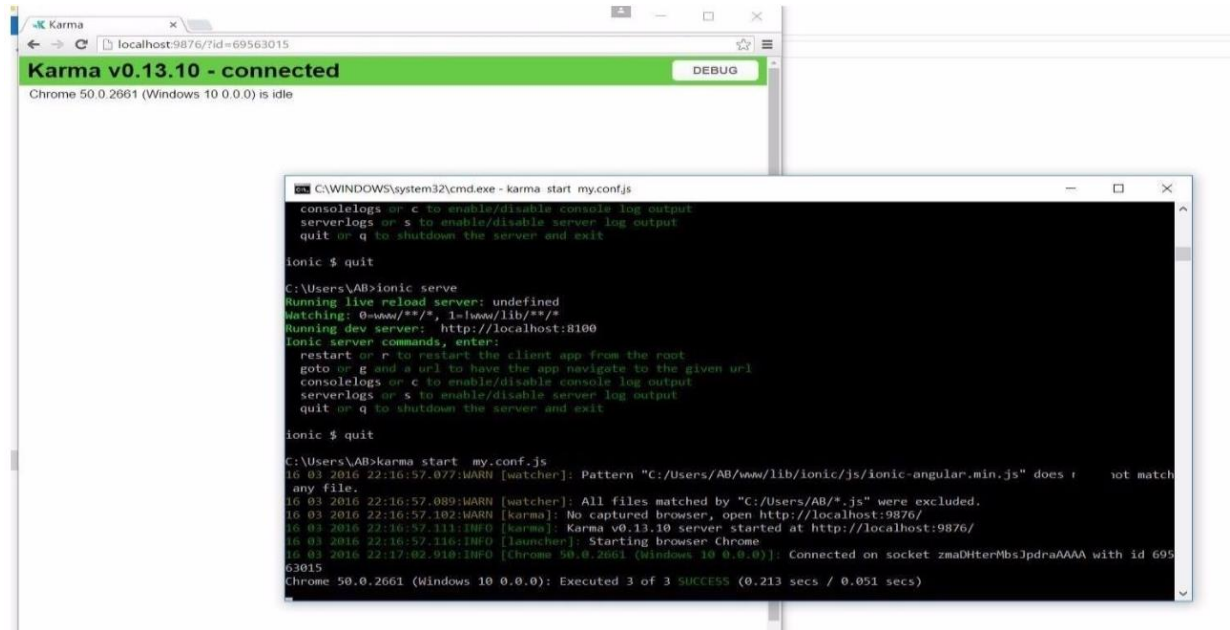To delete an account, enter the login info below and click Remove

Username	Username
Password	Password ✳

Remove

Delete - Home

Unit test case:

Unit testing has done by using karma and jasmine. The below screenshot shows the success case.

The below screenshot shows the failure test case.