

LAB ASSIGNMENT – 7

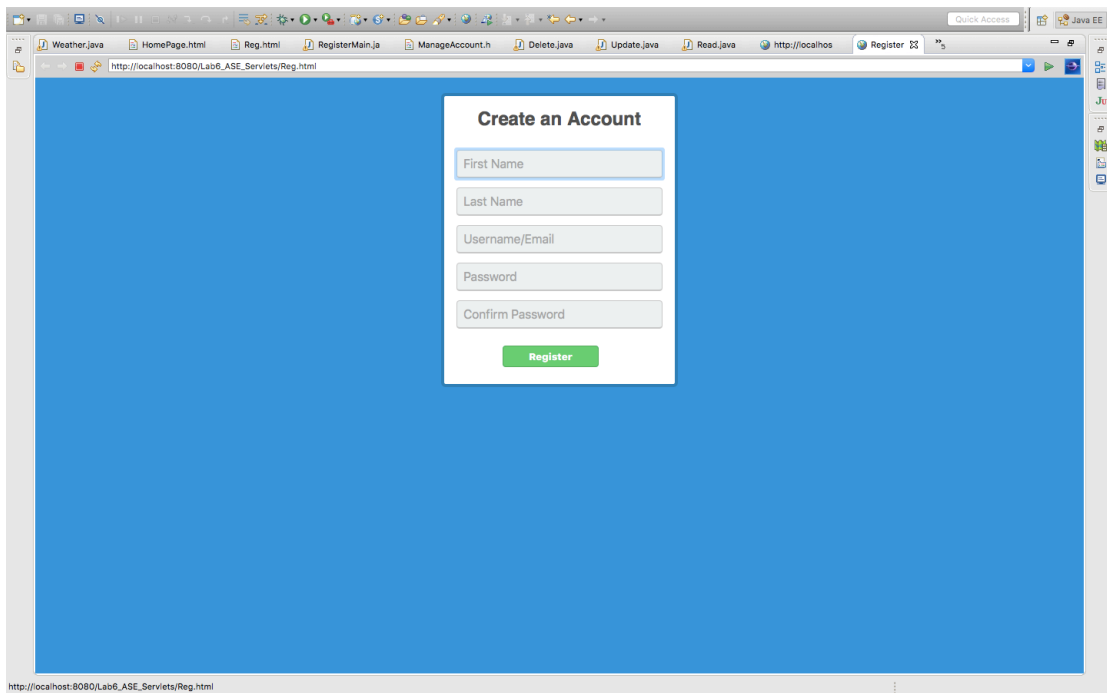
ADVANCED SOFTWARE ENGINEERING

SERVLETS

- This application intends to have CRUD Operations using MongoDB.
- The user creates an account to login to the application (Create Operation)
- The user can also change the password whenever required. (Update Operation)
- The details of the registered users are displayed. (Read Operation)
- The user can delete the account (Delete Operation)

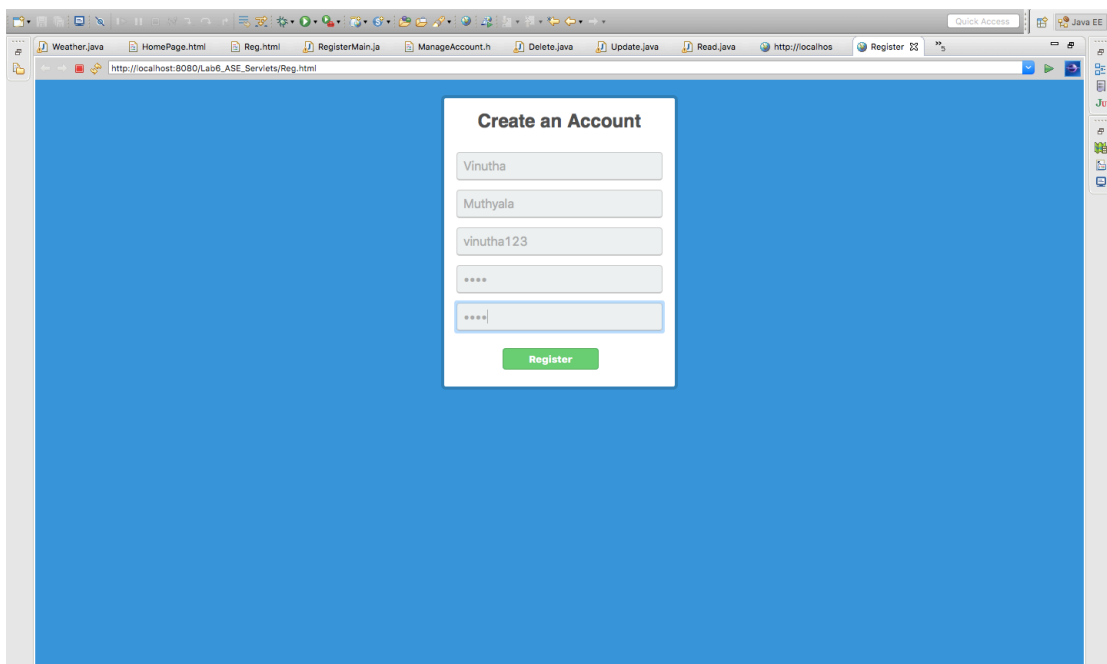
Screenshots:

1. Register Screen



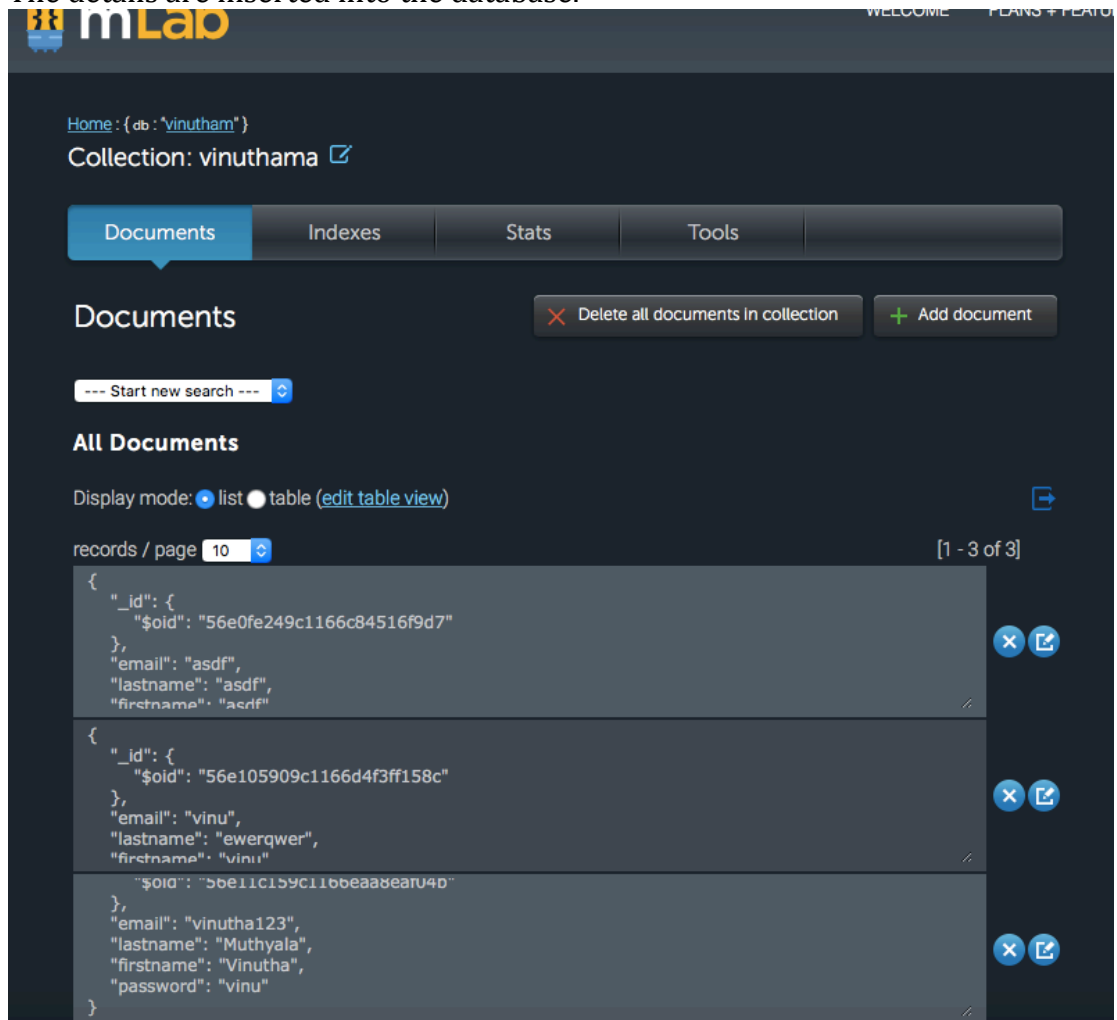
The screenshot shows a web browser window with the URL `http://localhost:8080/Lab6_ASE_Servlets/Reg.html`. The page has a blue background. In the center, there is a white box titled "Create an Account". Inside this box, there are five input fields: "First Name", "Last Name", "Username/Email", "Password", and "Confirm Password". Below these fields is a green button labeled "Register". The browser's address bar and tabs are visible at the top.

2. Register Screen – Enter the details.

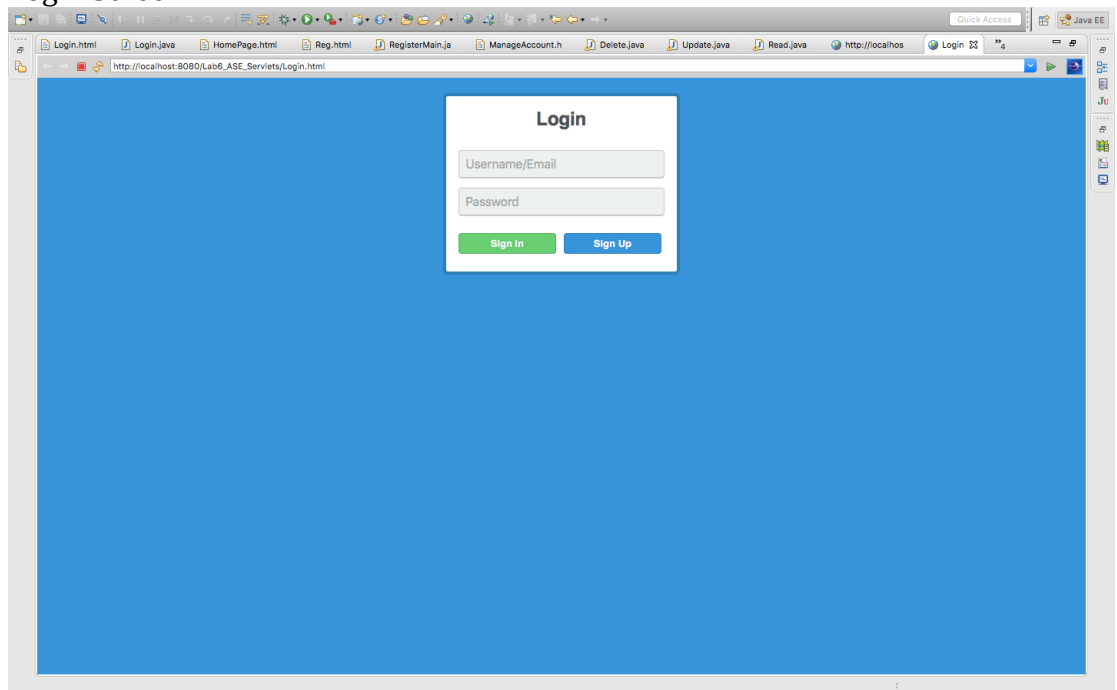


The screenshot shows the same web browser window as the previous one, but with the form fields filled out. The "First Name" field contains "Vinutha", the "Last Name" field contains "Muthyala", the "Username/Email" field contains "vinutha123", the "Password" field contains four asterisks "****", and the "Confirm Password" field contains four asterisks "****". The green "Register" button is still visible at the bottom of the form box.

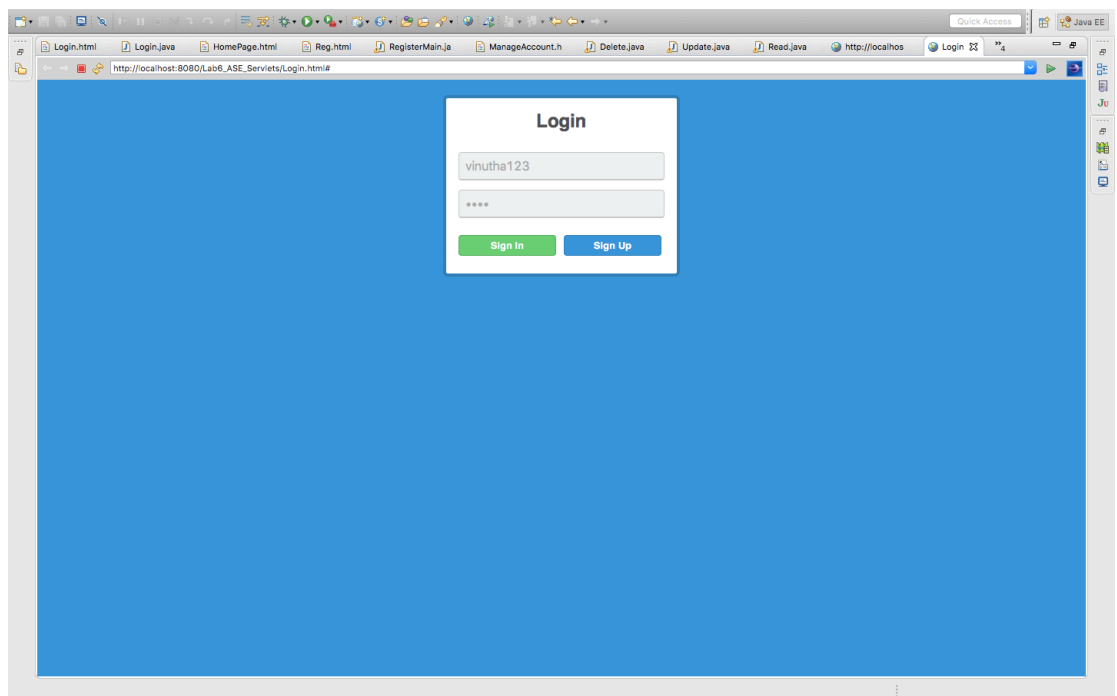
3. The details are inserted into the database.



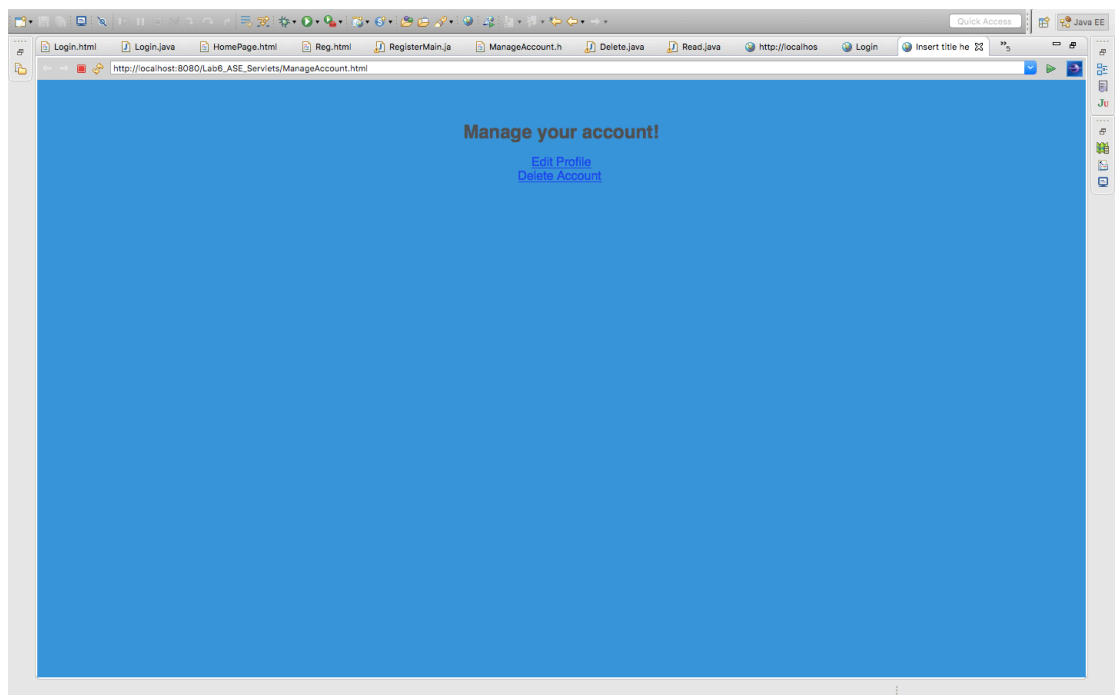
4. Login Screen



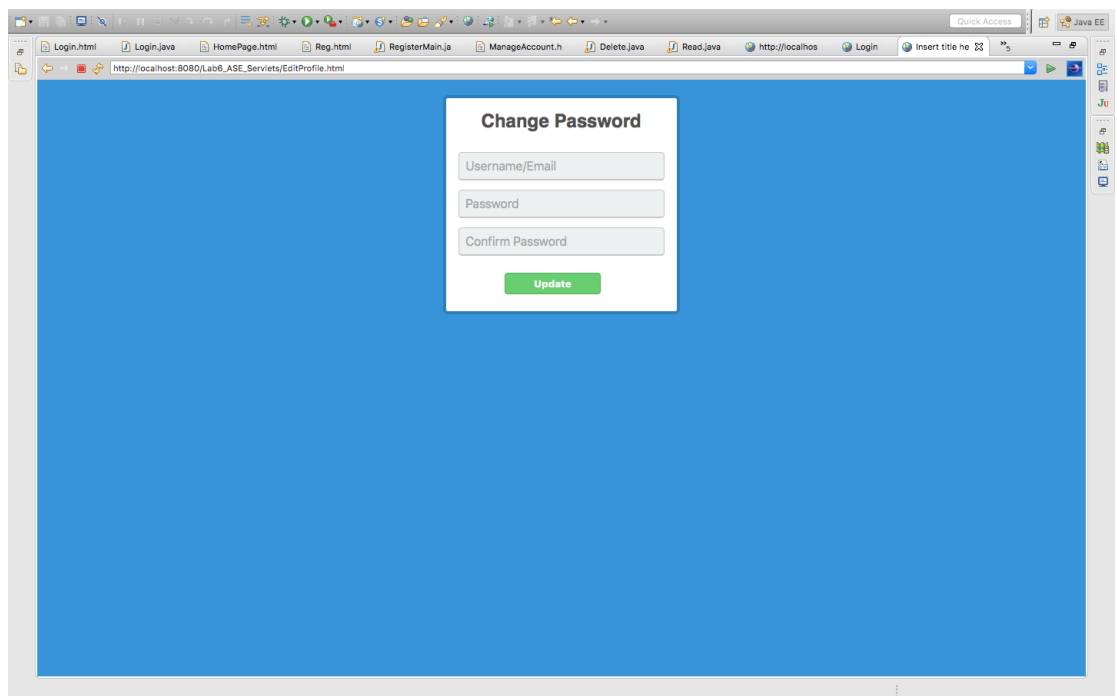
5. Login Screen – Enter the username and password



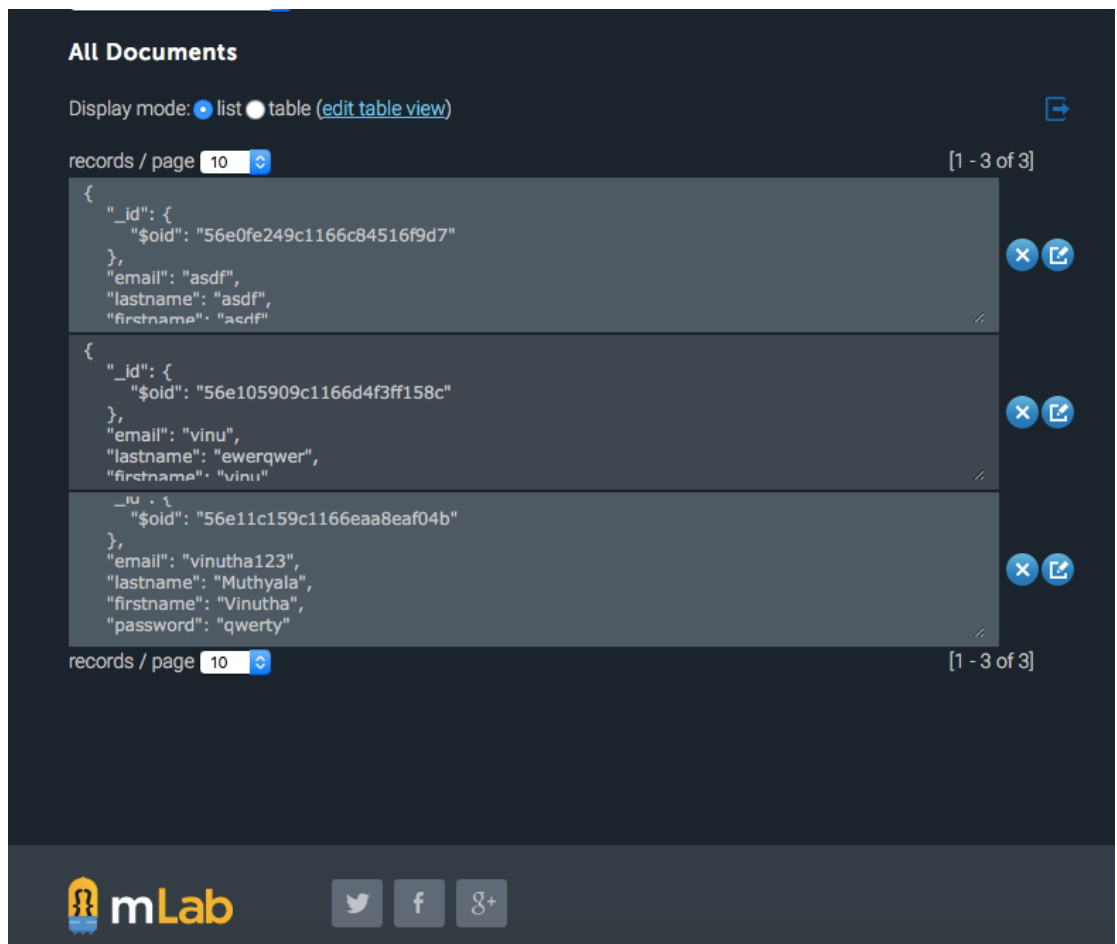
6. Manage account



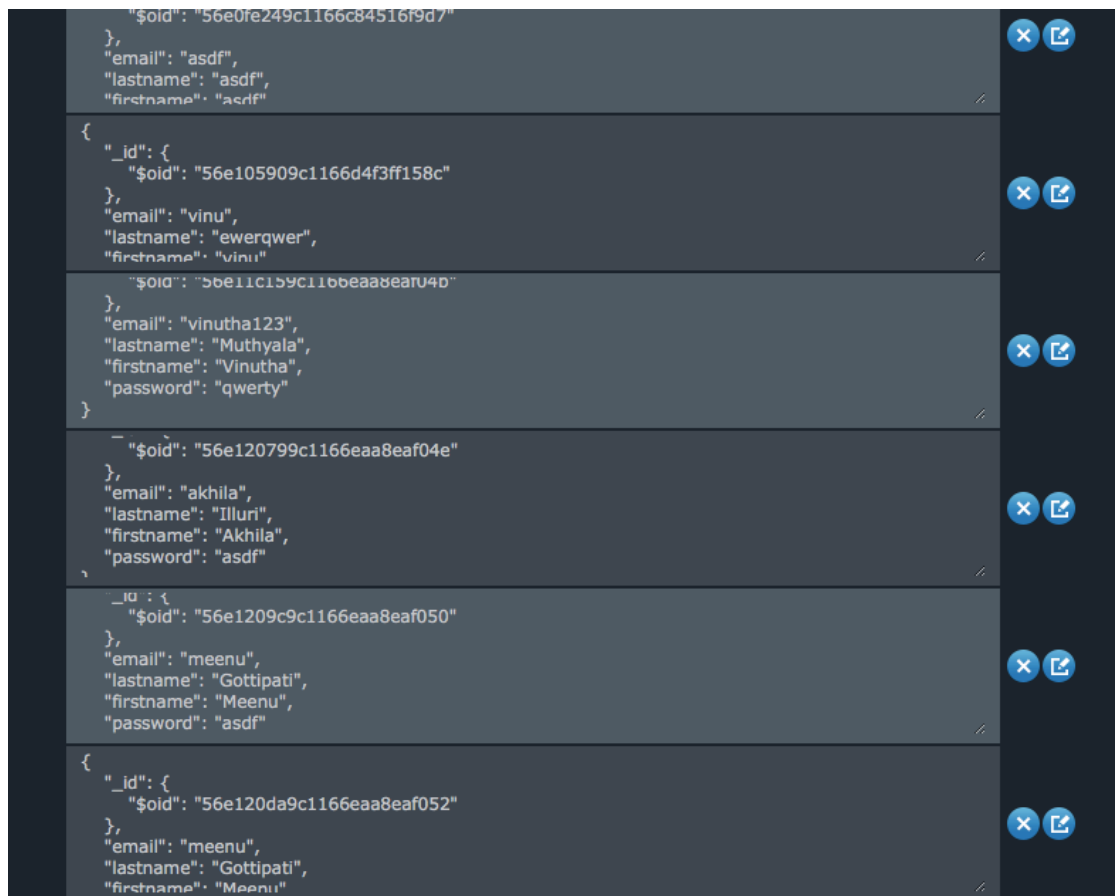
7. On clicking Edit Profile, the user can change the password.



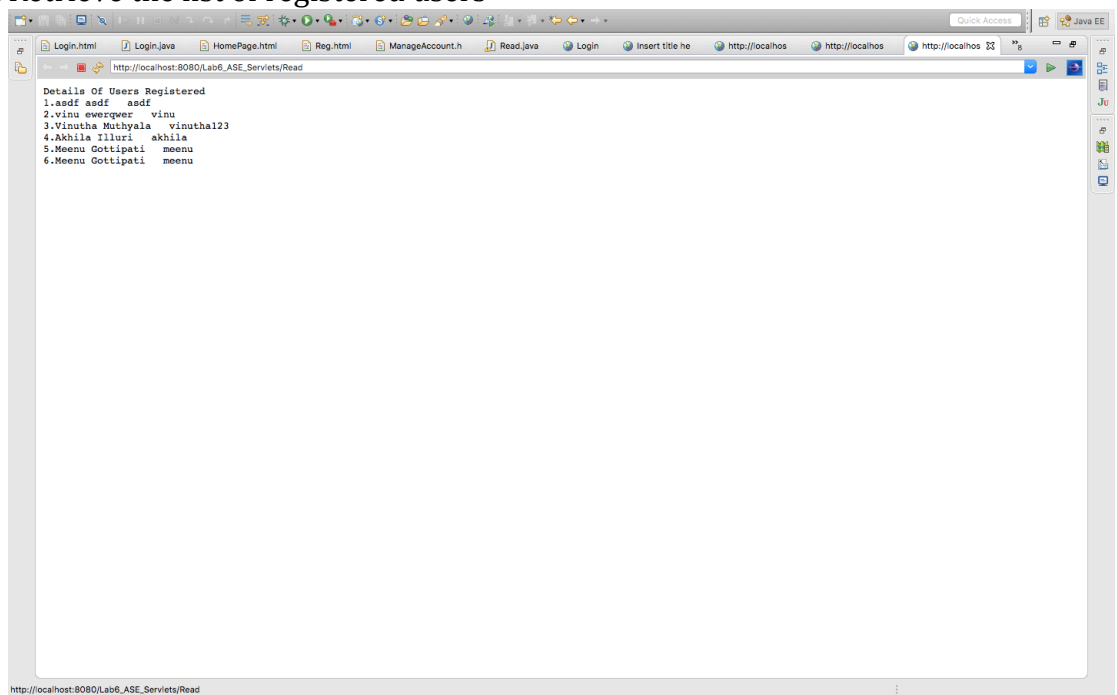
8. Details are updated in the database.



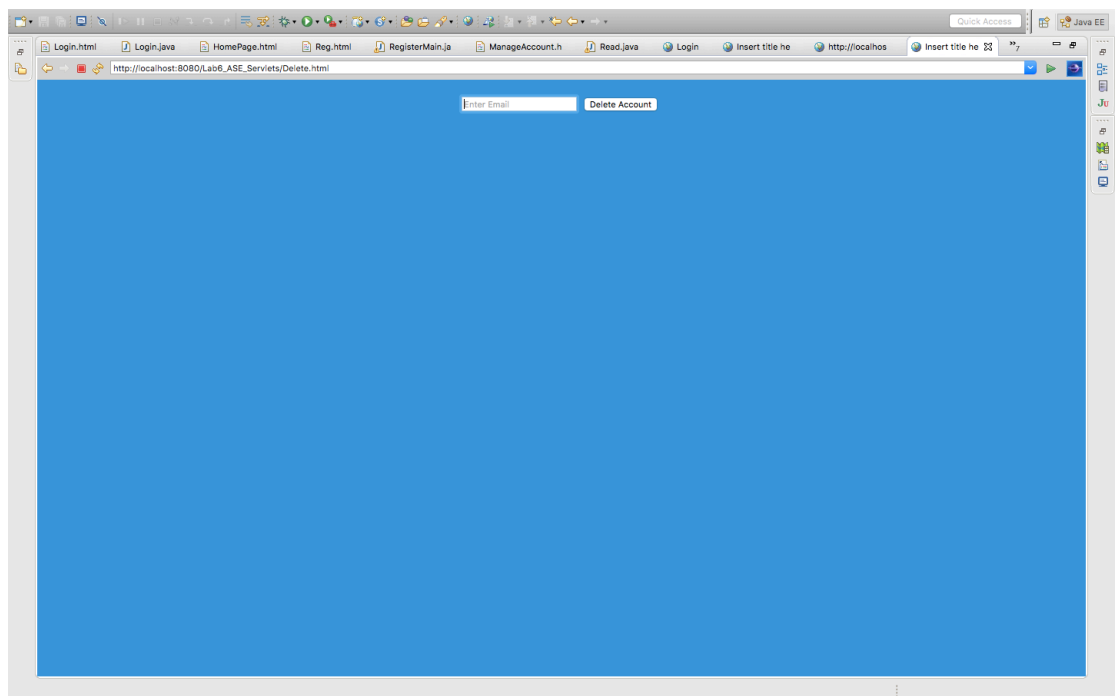
9. The details in the database.



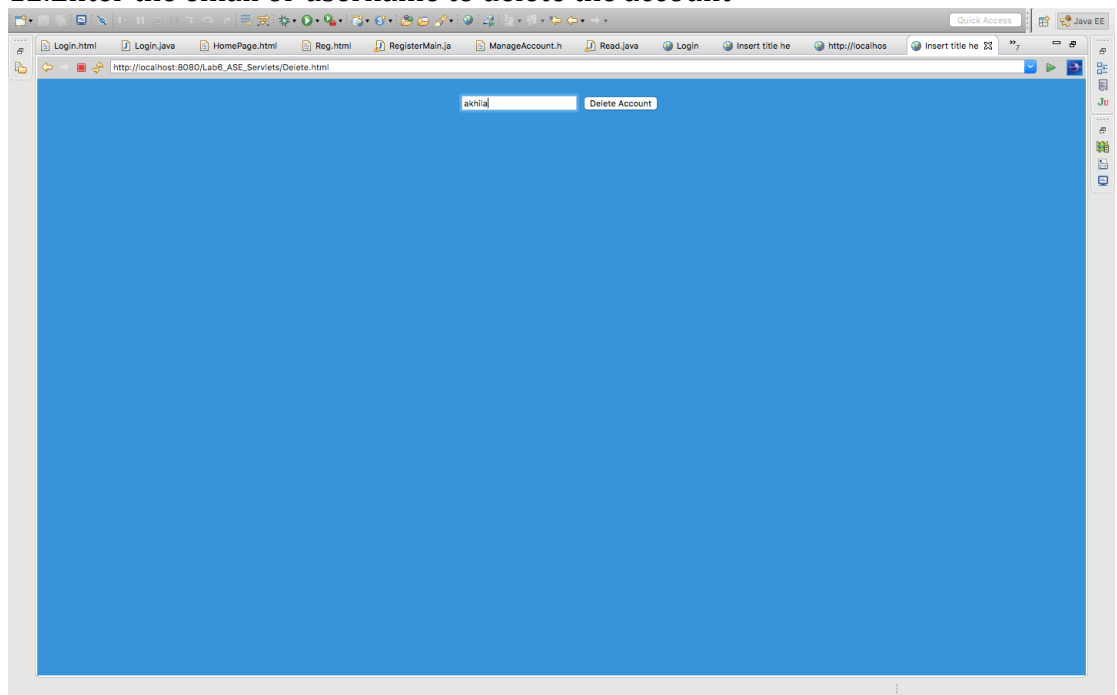
10. Retrieve the list of registered users



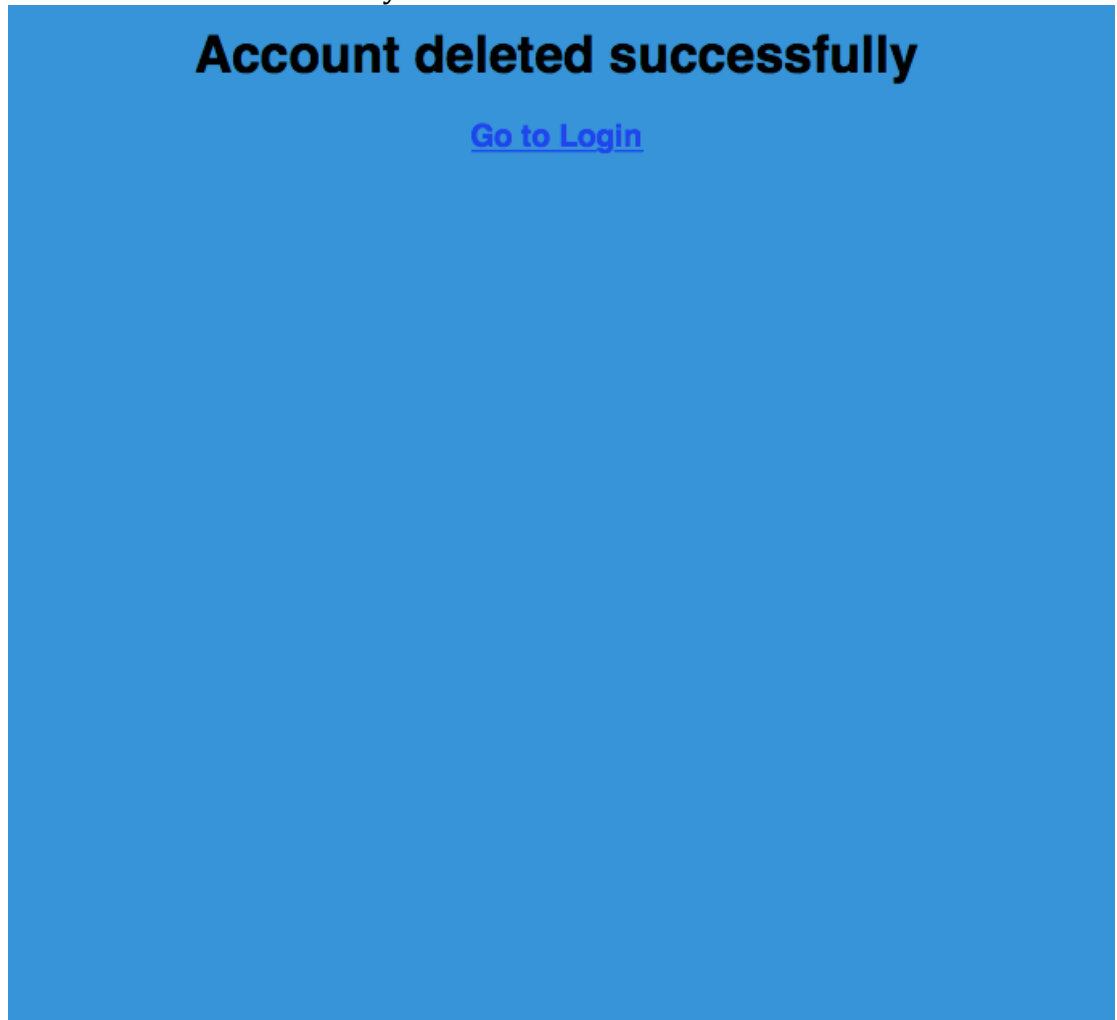
11. Delete Account



12. Enter the email or username to delete the account

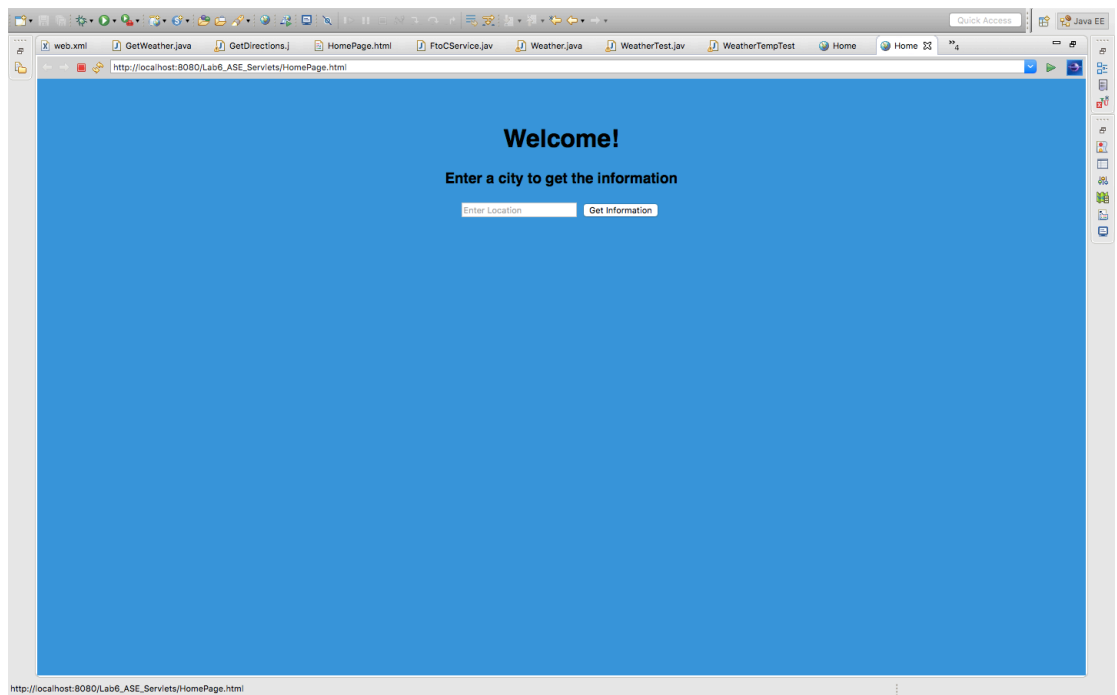


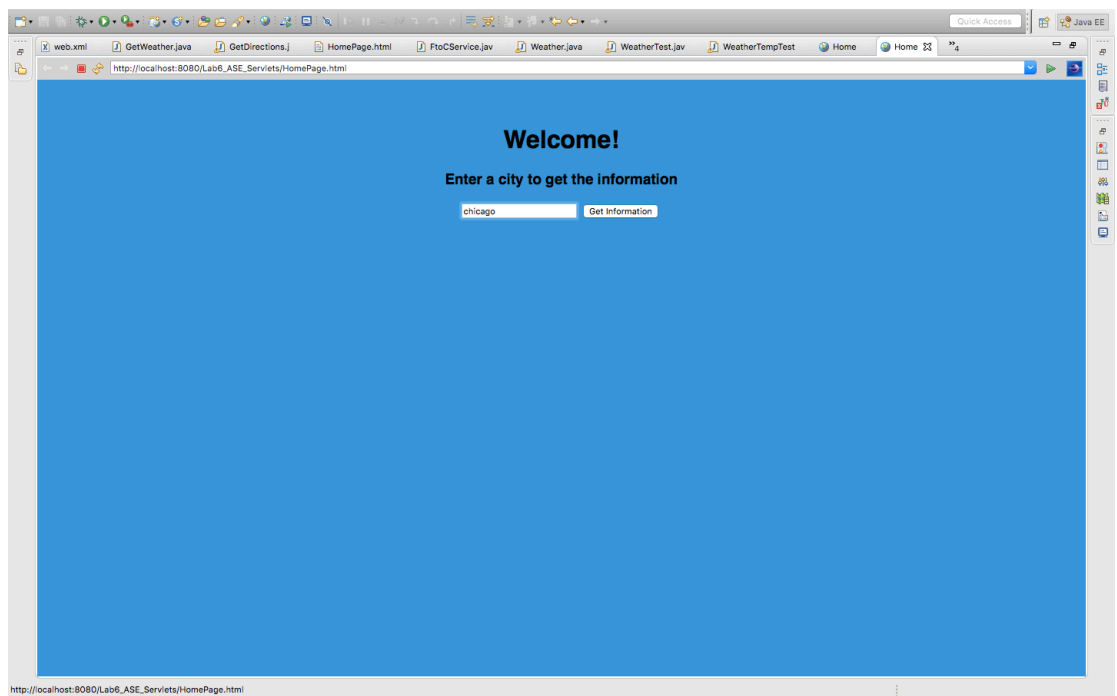
13. Account deleted successfully.



14. After login, the user goes to home page.

15. Enter the name of a city to get the basic information.





- 16.
17. Gives the information about the city making use of Openweathermap and Wikipedia API

