INFO 3305

Web-Application Development

Sem 2,19/20

Project Report

Project Title: KICT Student Society Web Application

Group Name: ONZ

Group Members :

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Introduction

This web application project is called KICT Student Society Web Application which requires users to enter their name, email, phone number and other details. This application is like an application form to register students into KICT Student Society.

Problem statement

KICT student society has no online registration that help student to register themselves to become part of student society. The administration also had a hard time to keep track and update the student society records.

Objective

The objective of this web-application is to make it easier for KICT students to be a part of the student society. The purpose is to provide a platform and an easy way to join the society. Besides, it also helps the administration of the society to keep the student records and can used the data to contact the student or give the update about the society.

Features and Functionalities

This application requires students to enter their contact information such as email and phone numbers. This will help the person in charge to contact or to send advertisements about societies events, or any related activities like donation or welfare programmes and all that kinds of stuff. This will help students to keep updated with the society.

Sign Up

Students can access to the website and register to become a part of KICT student society. User/ student need to enter their personal information and contact information such as Name, Username, Email, Phone Number, Address and Password to complete their registration.

Login

Students need to login to the system after finish signing up and register. Student can update their information in the system if they have entered wrong information or if they want to change their contact information.

Update, Delete and Password Changing

Student can make change with their profile by updating their information or change the profile password and they also can delete their record if they do not want to be a part of KICT student society anymore.

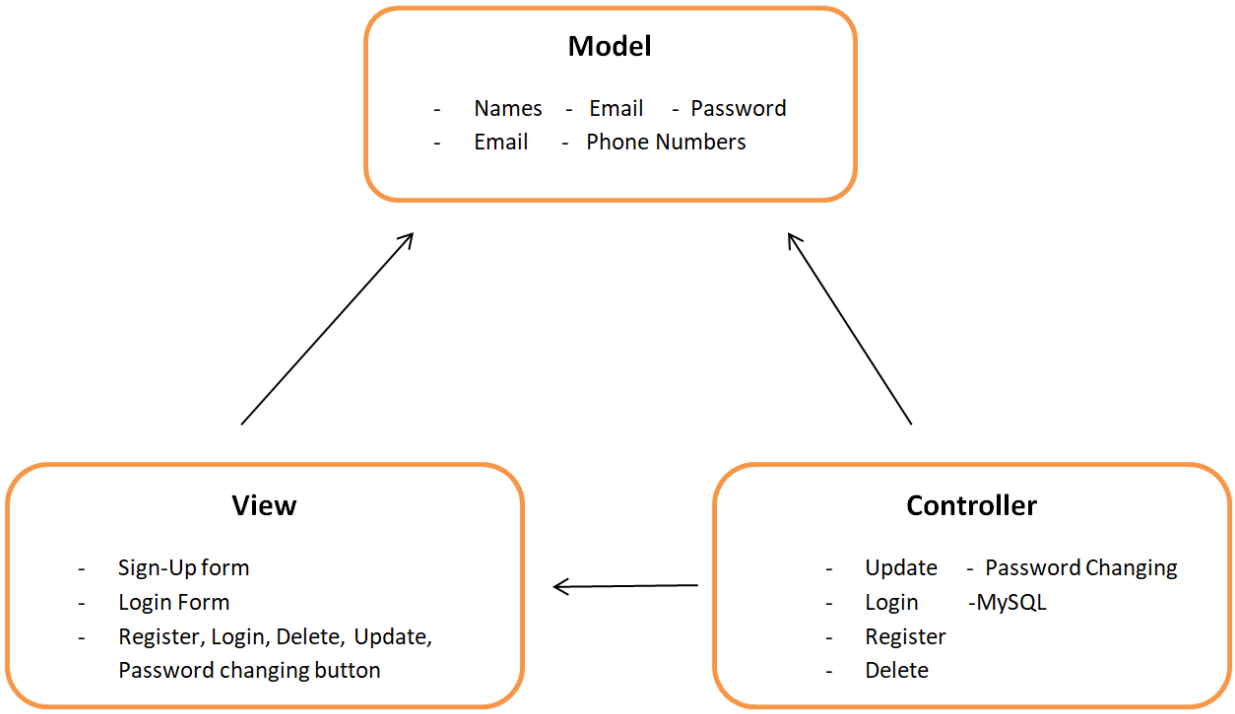
Define models, views and controllers with diagram

Model - Logic data that has been entered by the user such as student information includes contact information is stored in the database. The data entered can be used to contact and give updates to the students. Besides, students also can update their personal information time to time.

View - Users / Students will be provided with a web page requiring them to sign up and enter all the information needed in the text boxes provided. They will also see the login page to log in to the system if they want to make changes to their personal data. They can do updates, password changing, and also can delete their data from the database. All of the functions will be display on the top of the homepage with drop down buttons. Student will need to fill in the text boxes provided for each of the information that they want to update.

Controller - The system has 5 controllers including java servlet and classes. Each controller contains the function to register, log in, update, delete and change passwords. All the controller are connected with MySQL to store and to manipulate the data from users.

MVC DIAGRAM



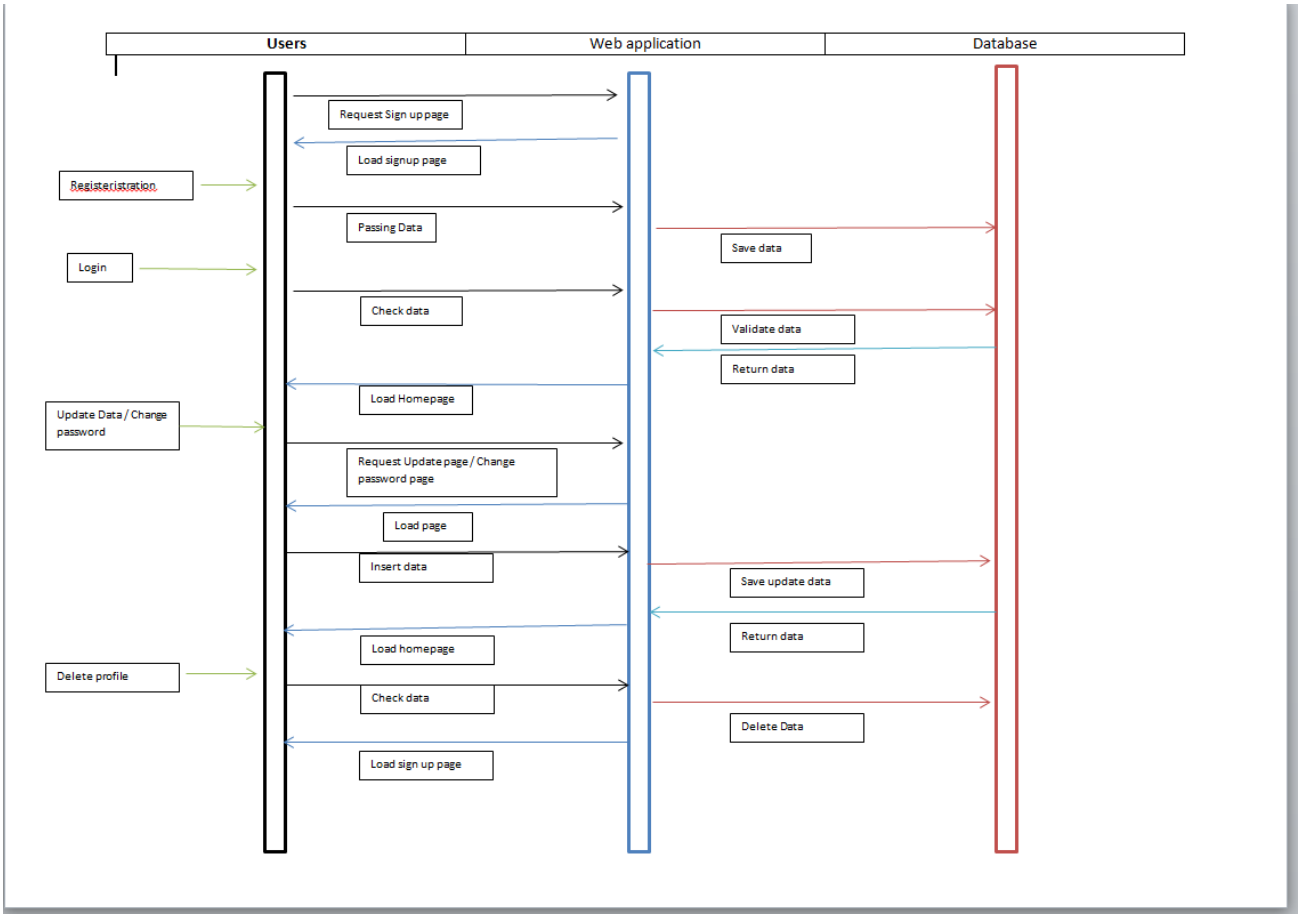
Project scope

This application system is to allow KICT student to register them self to be a part of KICT Student Society. By using this web application, they do not need to register them self at the Society booth anymore. They just need to access to the websites and register them self and can make change to their profile. They also will get notify about society event or updates.

Target Users

- KICT Student

Sequence Diagram represent the interaction of the web application



System Interface

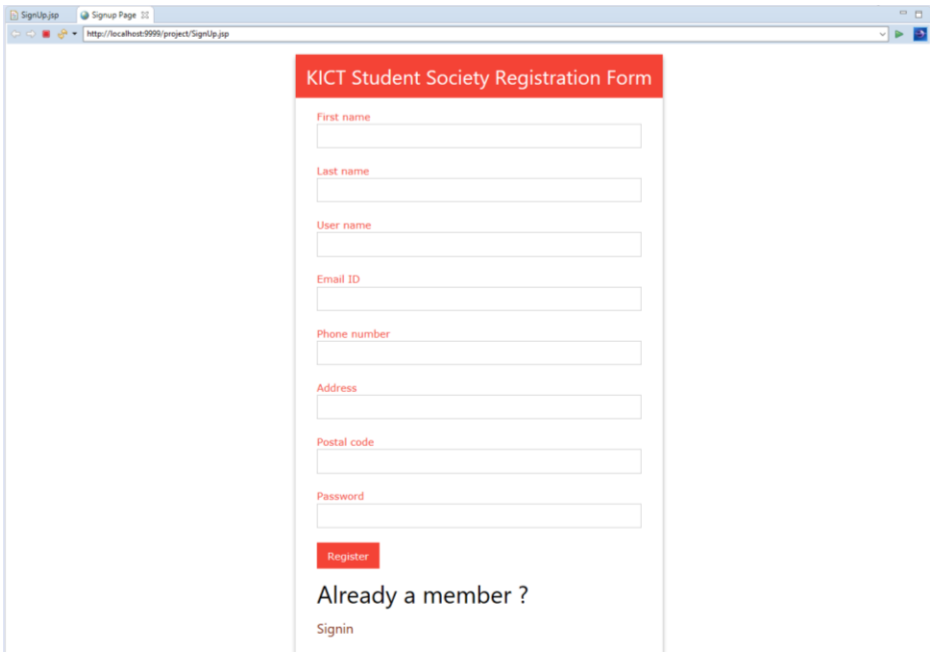


Figure 1: Sign up page

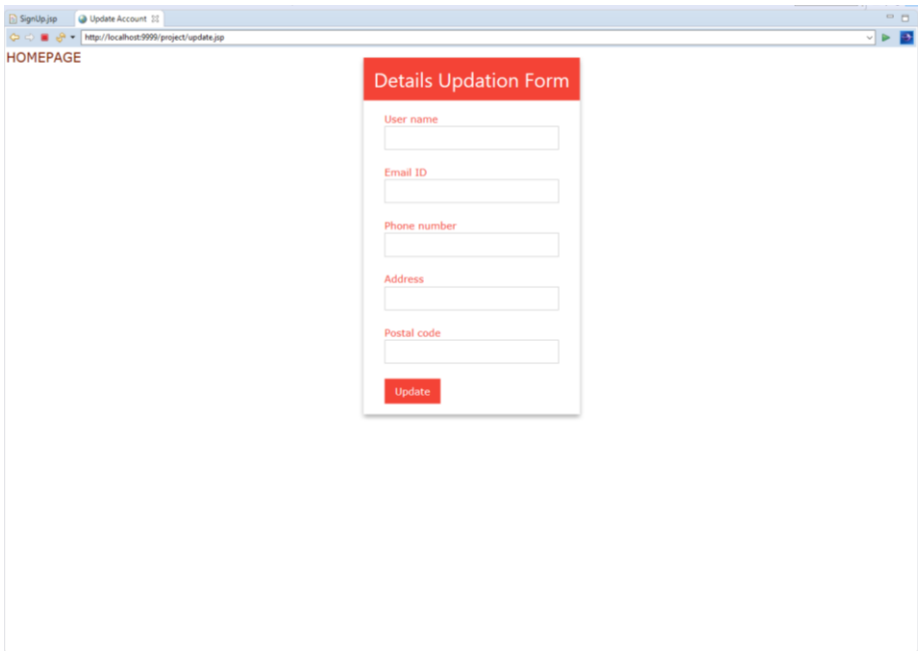


Figure 2: Login Page

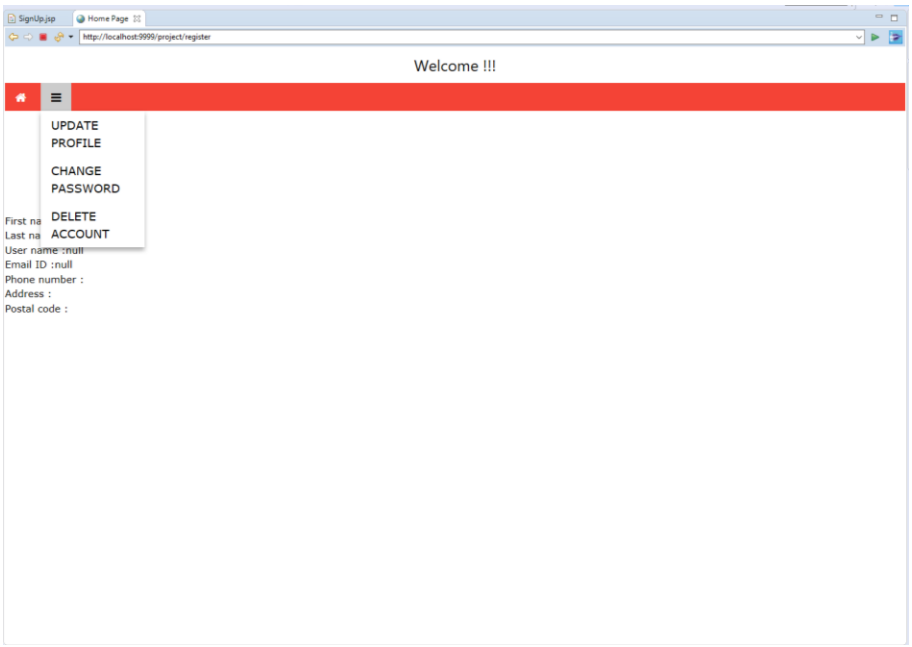


Figure 3: Homepage

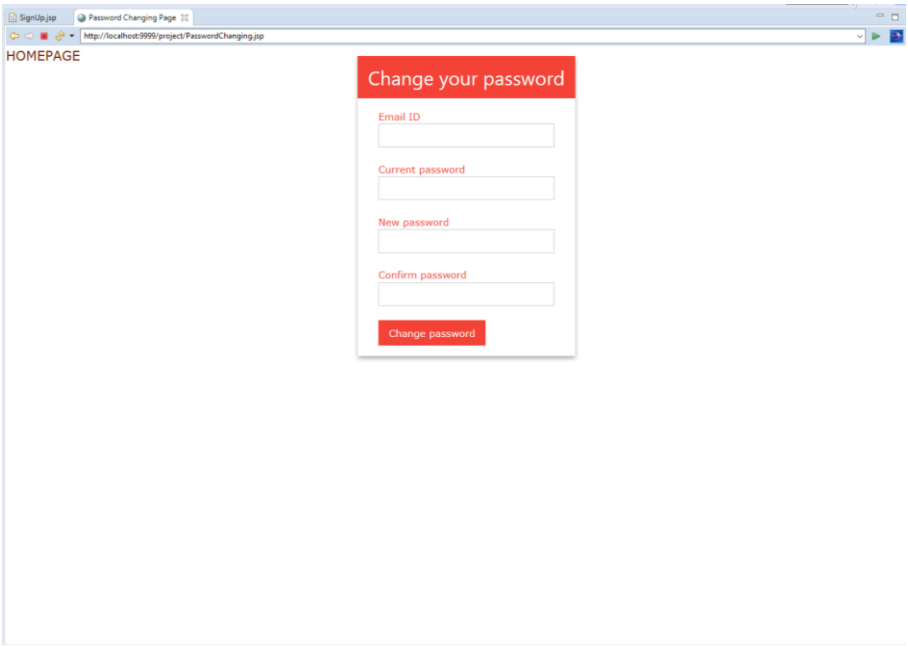


Figure 4: Password Changing Page

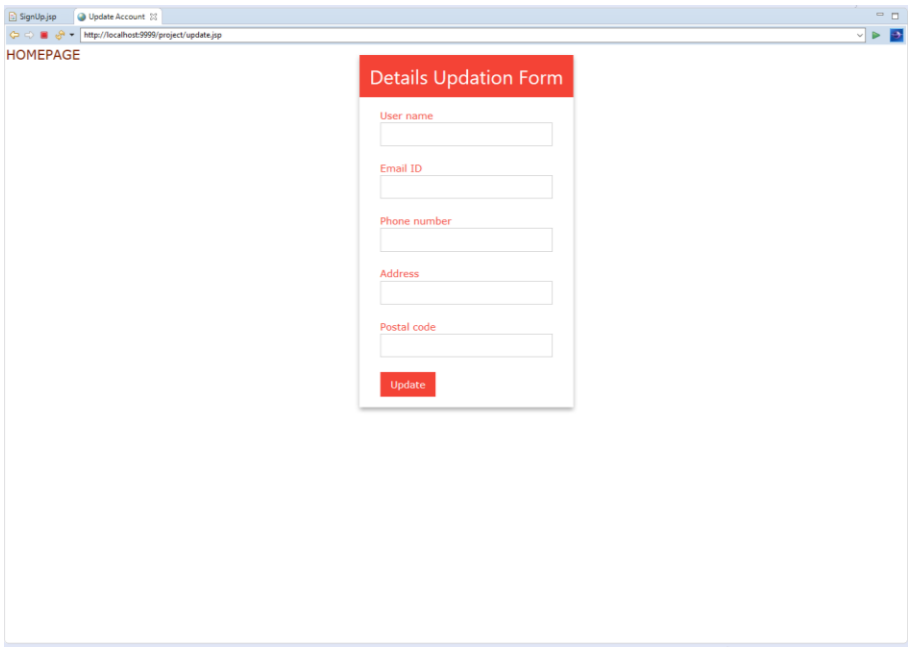


Figure 5: Information Update Page

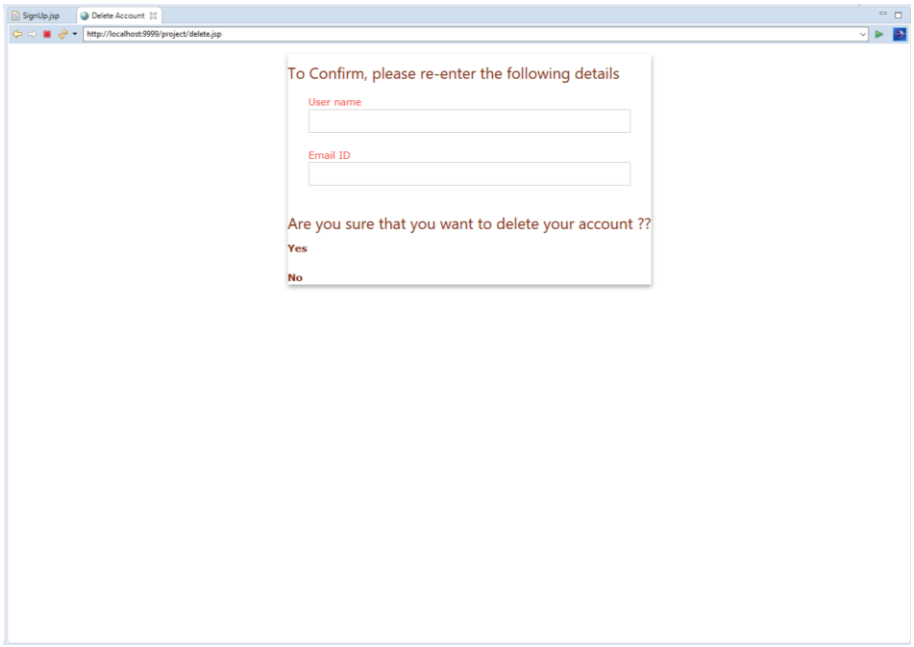


Figure 6: Delete Account Confirmation Page

Conclusion

In conclusion, this system is basically to help student to register as KICT student society and to get notify and update about society event. Besides, the system also helps the administration to keep the KICT student that has register to the system record.

Contribution

Mohamad Faiz Ikhwani Hakimi Bin Md Fazli	- Proposal - Coding (jsp and java servlet) - Final report - Video presentation
Muhmmad Faris Asyraaf Bin Harun	- Proposal (editing and reference) - Video presentation
Meor Mohamad Zamin bin Meor Ahmad	- Drop the course

References

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2. https://en.wikipedia.org/wiki/Model%E2%80%93view%E2%80%93controller#:~:text=In%20addition%20to%20dividing%20the,model%20in%20a%20particular%20format.
3. http://www.science.smith.edu/dftwiki/index.php/Tutorial:_Accessing_a_MySql_database_in_Java_(Eclipse)