

Exercise 02

Building the Java Web application to create users, log in, and delete user accounts. The User role to view account information and Admins role can create new accounts, and delete accounts. All pages must be authenticated.

Requirements

- Develop the Java web application by MVC2, JSP, Cookie, JSTL, and Filter
- Apply design pattern in the project
- The project must use the main controller (main servlet) to process all requests.
- Validation of all fields: string is not empty and from 5 to 50 characters
- Students can customize the user interface of web pages

1. Create a database named **MyApp** consists a table named **Account** [**UserName** varchar(15) - primary key; **Password** varchar(15); **Role** varchar(15)]. The **Role** only has two values: Admins and Users

2. Develop a Java web application consist pages to perform all the functions as follows :

Home Page

[Administrator](#) | [Account Details](#)

Login Form

User name:
Password:
☐ Keep me signed in.

Account Details

User logged in : **tom**
Password
123
Role
Users
[Logout](#)

Administrator Page

User logged in : **admin**
[Maintain Accounts](#) | [Logout](#)

Create user account

UserName

Password

Role
Admins

UserName	Password	Role	
admin	admin	Admins	-----
tom	123	Users	Delete