

JAVA TECHNOLOGY

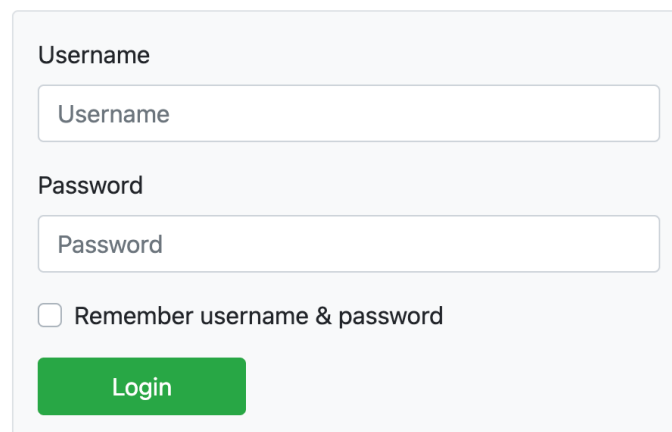
(503111)

LAB 5

For this week exercises, you are given the login.html file containing the login ui, the register.html file containing the account registration ui, and the index.html file containing the product management homepage. You are required to use the given html templates to complete a product management and account management web app using servlet, jsp, and database technologies.

When accessing the website (any url), if the user is not logged in, the user will be forced to redirect to the login page similar to the one below. If the user enters missing or inappropriate login information, the page should display the appropriate error message using [flash message](#) technique.

User Login



A user login form with a light gray background. It contains two text input fields: 'Username' and 'Password'. Below the password field is a checkbox labeled 'Remember username & password'. At the bottom is a green 'Login' button.

Username

Username

Password

Password

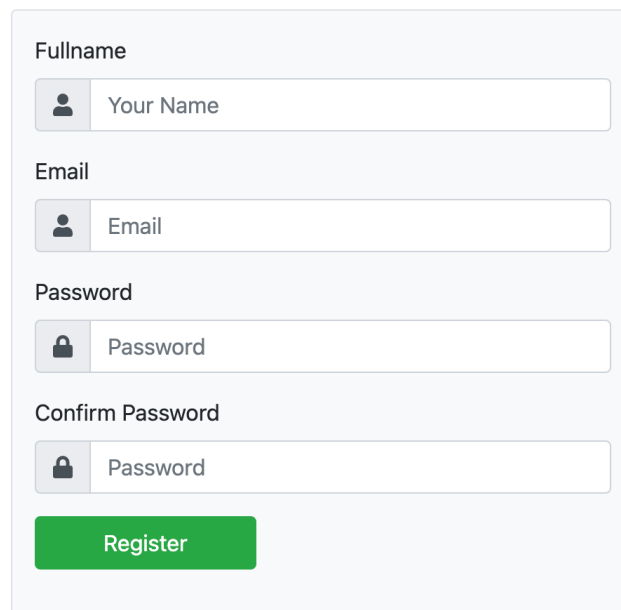
☐ Remember username & password

Login

The given login page user interface

If the "Remember username & password" checkbox is selected, these two information will be remembered and automatically filled in for 30 days at subsequent logins (using [cookies](#)).

In case the account does not exist yet, the user can visit the registration page to create a new account. User account information needs to be stored in the database using JDBC or Hibernate techniques learned in the previous weeks.



The image shows a user registration form with the following fields and elements:

- Fullname**: A text input field with a person icon and placeholder text "Your Name".
- Email**: A text input field with a person icon and placeholder text "Email".
- Password**: A text input field with a lock icon and placeholder text "Password".
- Confirm Password**: A text input field with a lock icon and placeholder text "Password".
- Register**: A green button with white text.

The given register page user interface

After successfully registering an account, users can log in immediately without activating the account. Once successfully logged in, the user will be automatically redirected to the home page - the product management page. At this point, the user can no longer return to the login or registration page. Even if the user intentionally type the url of these two pages, the system will automatically redirect back to the homepage (using [session](#)).

At the homepage, users are provided with functions to manage products. The user's full name will be displayed on the homepage. If 'logout' is pressed, the user will be logged out from the system. When adding a new product, the website will automatically reload and display the list of products currently in the database. When delete is pressed, a dialog will appear to confirm before officially deleting the product from the database.

Product Management

Xin chào **username**, [Logout](#)

Thêm sản phẩm mới

Tên sản phẩm

Giá sản phẩm

[Thêm sản phẩm](#)

Vui lòng nhập tên sản phẩm

Danh sách sản phẩm

STT	Tên sản phẩm	Giá	Thao tác
1	Macbook Air M1	\$1,100	Xóa
2	Macbook Pro 2020	\$2,400	Xóa

Home page with product list management function

Some other requirements:

- Use the [JSTL](#) library to set tags in JSP file.
- Set up a generic web page (a jsp or servlet file) that displays error messages when the user visits urls that don't exist in the web application (error handling in the servlet).