**1. Requirements**

A web browser (e.g., Google Chrome, Mozilla Firefox, Microsoft Edge).

A text editor (optional, for editing code) like Visual Studio Code, Sublime Text, or Notepad++.

**2. Folder Structure**

Make sure your files are organized as follows:

**scss**

**/project-folder**

**index.**html        (Main HTML file)

**styles.css        (**CSS file for styling)

**script.js** (JavaScript file for interactivity)

**3. Steps to Open the Project**

**Option 1:** Open Directly

Navigate to the folder where your project files are saved.

Locate the index.html file.

Double-click on the index.html file.

Your default browser will open and display the project.

**Option 2:** Use a Text Editor with Live Server (Recommended)

Open the project folder in Visual Studio Code (or your preferred editor):

Right-click the folder and select Open with Code (for VS Code users).

Install the Live Server Extension (if not already installed):

Go to the Extensions view (Ctrl+Shift+X in VS Code), search for Live Server, and install it.

Start Live Server:

Right-click on index.html in VS Code and select Open with Live Server.

The project will open in your default browser, running on a local server (e.g., http://127.0.0.1:5500).

**Option 3:** Open with a Browser Using Drag and Drop

Open your preferred web browser.

Drag and drop the index.html file directly into the browser window.

**4. Steps to run JSP Code**

1. **Install Necessary Tools: Eclipse:** Download and install the Eclipse IDE for Java EE Developers version. Tomcat Server: Download Apache Tomcat (a web server to run JSP). MySQL: Make sure you have MySQL running with a database and a user's table.

1. **Set Up Apache Tomcat in Eclipse:** Open Eclipse. Go to Window > Preferences. Under Server > Runtime Environments, click Add External Servers. Choose Apache Tomcat and follow the steps to link your Tomcat folder.

1. **Create a New Project:** In Eclipse, go to File > New > Dynamic Web Project. Name the project (e.g., Fleet Management), and choose Tomcat as the server. Click Finish.

1. **Add the JSP Code to Your Project:** In your new project, go to Web Content folder (this is where your web pages go). Put your JSP code inside Web Content.

1. **Add MySQL JDBC Driver**: Download the MySQL JDBC Driver from the MySQL website. In Eclipse, go to your project’s WEB-INF/lib folder and add the .jar file you downloaded.

1. **Set Up Your MySQL Database**: Open MySQL and create a database (e.g., fleet management). Create a table called users with columns for username and password.

**Example:**

**SQL**

**CREATE DATABASE fleet management;**

**USE fleet management;**

**CREATE TABLE users (id INT AUTO\_INCREMENT PRIMARY KEY,**

**username VARCHAR (255),**

**password VARCHAR (255));**

**7. Run the Project on Tomcat**: Right-click your project in Eclipse and select Run As > Run on Server. Choose Tomcat as the server. Your browser will open, and you should see the login page.

**8. Test It**: Enter a username and password on the login page. The code will check if the login is correct by querying the database.

**5. Testing the Features**

**Login:**

Enter dummy credentials and click "Login" to access the dashboard.

**Registration:**

Fill out the registration form and observe the redirection to the login page.

**Dashboard:**

Interact with the cards and test the "Logout" button.

**6. Deployment (Optional)**

If you'd like to share the project or make it accessible online: