

Servlet Demo Project

Minimarket Servlet/JSP App

Introduction

This servlet-project is a web app shopping management system that allow us to add new Items, show list of items, and when one selected from the list it displays the detail and edit item's info, delete the item. The project mostly done using Servlet also include JSP (Java Server Page) and JDBC (Java Database Connectivity) for Database.

Development Tools and System Requirements

Development Environment

The development environment used to develop the mini system are: -

- **Eclipse IDE** as an editor also can use NetBeans and others.
- **Apache Tomcat** as a Web Server to render web pages.
- **MySQL Workbench** as sql database management.

Programming Language

- Java Servlet
- Java
- **SQL**
- **JSP**
- **HTML and CSS**

System Requirement

- ❖ Operating System (Any)
- ❖ Web Browser (Any)
- ❖ Java IDE, Web Server, MySQL

Features of the project

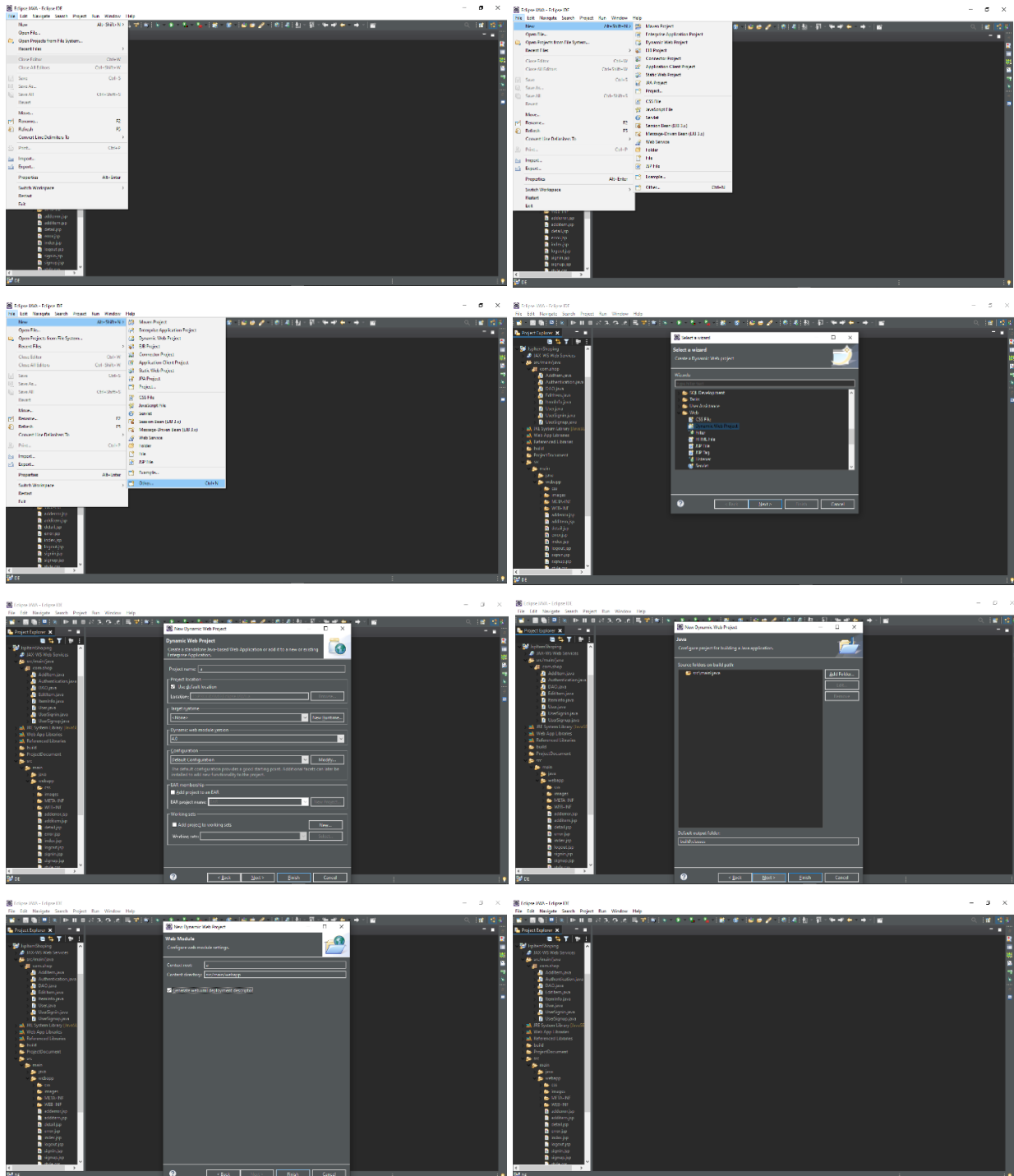
- Create an Account & Sing In
- Add item.
- Display List of items.
- Edit item's info.
- Delete item

Starting with the Project

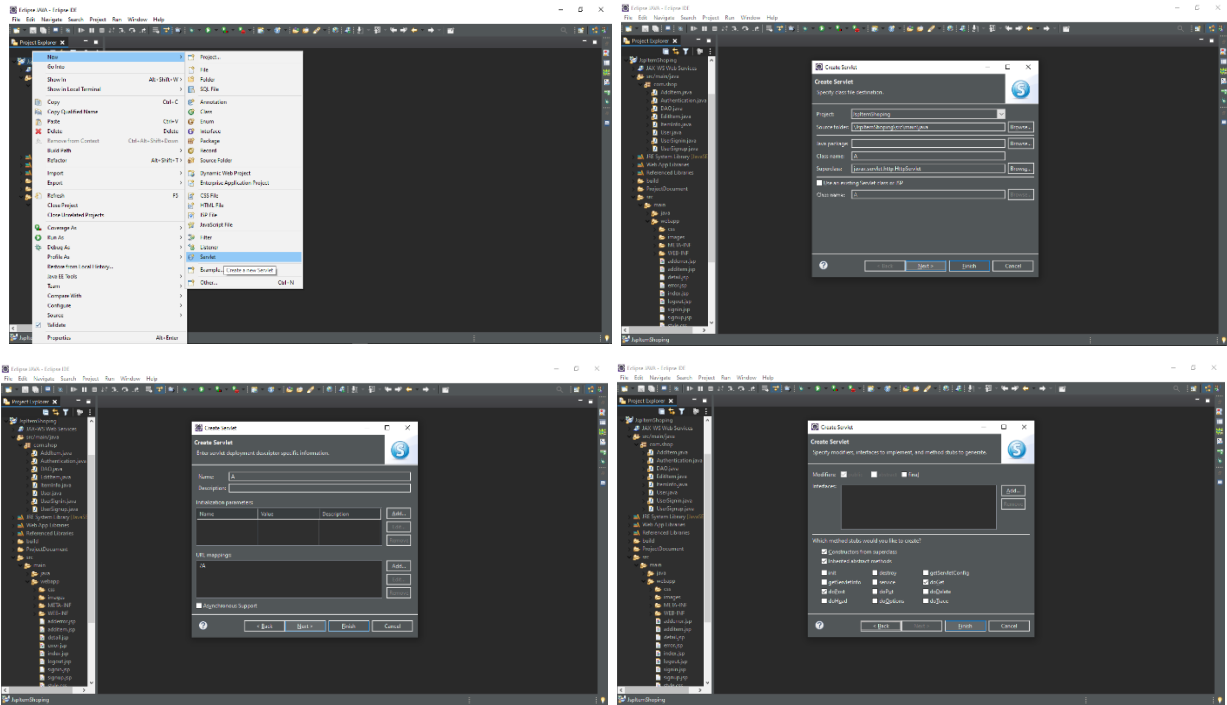
Steps For Creating the Project Demo

1. Step 1: Open Eclipse IDE and Create Dynamic Web Project, Servlet and JAVA.

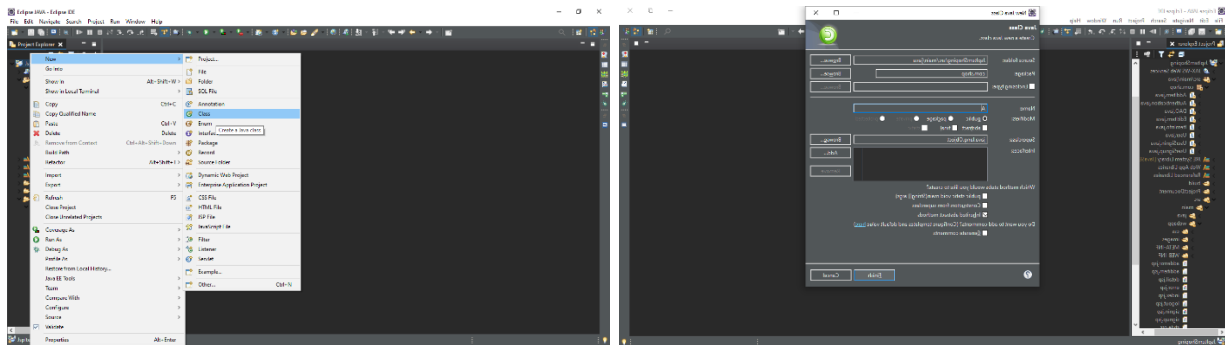
- To Create Dynamic Web Project



- To Create Servlet

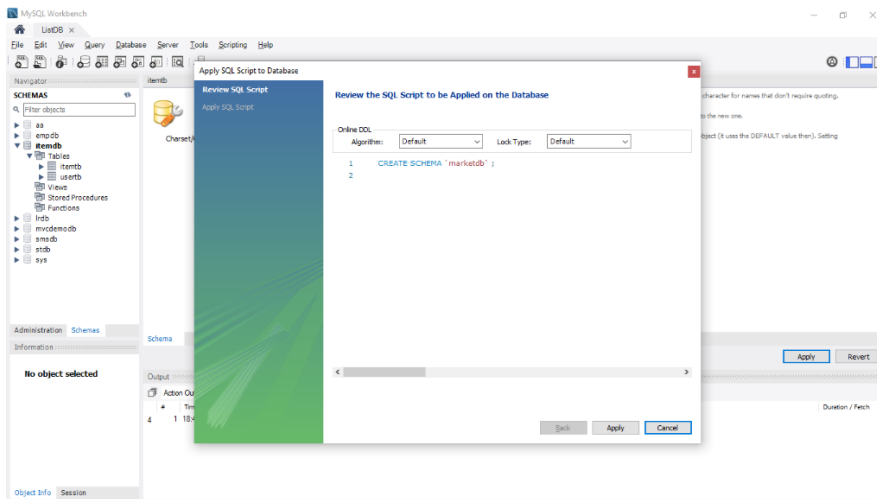


- To Create JAVA Class

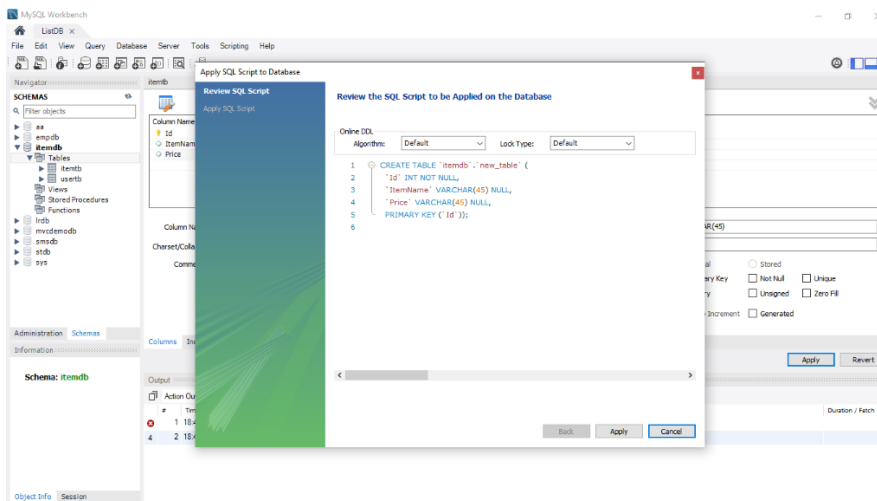


2. Step 2: Create Database

- Database Schema

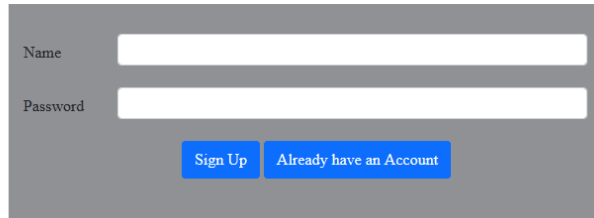


- Create Table

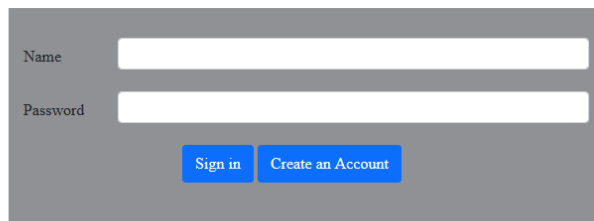


Project Demo UI (Mobile Listing)

- User Sign up and Sign in Page

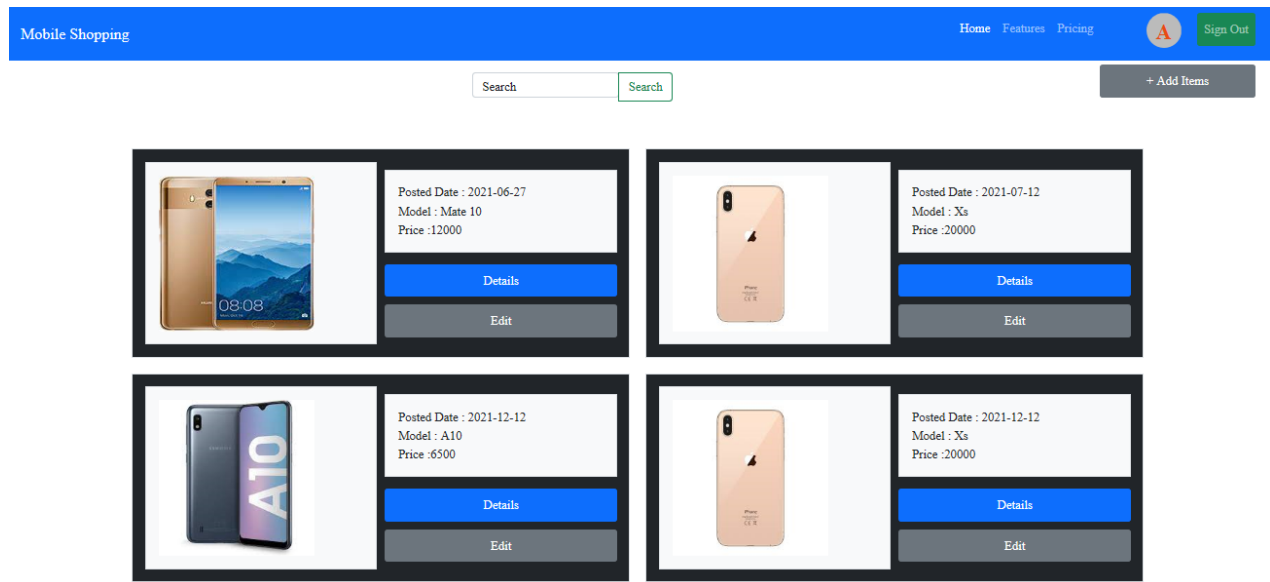


A user sign up form with a gray background. It features two white input fields: the top one is labeled "Name" and the bottom one is labeled "Password". Below the fields are two blue buttons: "Sign Up" on the left and "Already have an Account" on the right.



A user sign in form with a gray background. It features two white input fields: the top one is labeled "Name" and the bottom one is labeled "Password". Below the fields are two blue buttons: "Sign in" on the left and "Create an Account" on the right.

- Demo Web Home Page



- Add Item Page

[Back to List](#)

Add Items

Name

Brand -- Select Brand -- ☐

Condition ☒ New ☐ Used

Price

Quantity

Upload Image

Post Date

Description

- Item' Detail Information Page

[Back to List](#)


Item's Detail Information

	<p>Posted Date : 2021-07-12 Model : Xs Brand : Apple Condition : Used Price : 20000 Quantity : 2 Description : Dual Sim</p>
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- Edit Item's Information Page

Edit Item's Detail Information

[Back to List](#)

 <p>Change Image : <input type="text"/> Browse...</p>	<p>Model <input type="text" value="A10"/></p> <p>Brand <input type="text" value="Samsung"/></p> <p>Condition <input type="text" value="New"/></p> <p>Item Price <input type="text" value="6500"/></p> <p>Item Quantity <input type="text" value="5"/></p> <p>Posted On <input type="text" value="2021-12-12"/></p> <p>Description <input type="text" value="Unlocked"/></p> <p>Update Delete</p>
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