

SQL 활용

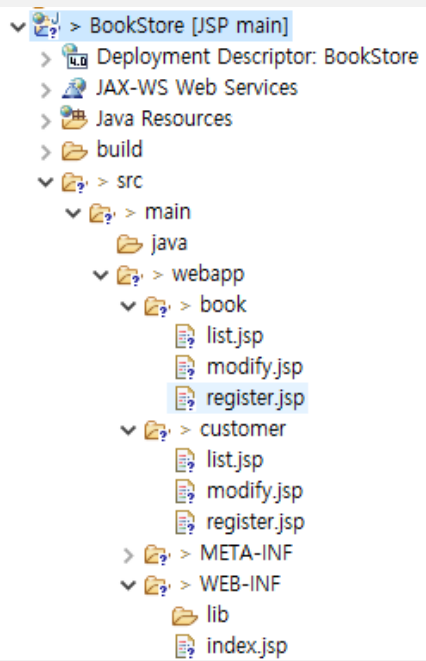
2022/10/21

임민지

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- 2. 화면 구현
- 3. 기능 구현
- 4. 실행

문제 1. 프로젝트 생성 및 구현



```

BookStore [JSP main]
├── Deployment Descriptor: BookStore
├── JAX-WS Web Services
├── Java Resources
├── build
├── src
│   ├── main
│   │   ├── java
│   │   │   ├── webapp
│   │   │   │   ├── book
│   │   │   │   │   ├── list.jsp
│   │   │   │   │   ├── modify.jsp
│   │   │   │   │   └── register.jsp
│   │   │   │   ├── customer
│   │   │   │   │   ├── list.jsp
│   │   │   │   │   ├── modify.jsp
│   │   │   │   │   └── register.jsp
│   │   │   └── META-INF
│   │   └── WEB-INF
│   │       ├── lib
│   │       └── index.jsp

```

The screenshot shows the project structure of 'BookStore [JSP main]' in an IDE. The project is organized into several key directories: 'src/main/java/webapp' for the main web application logic, which is further divided into 'book' and 'customer' packages, each containing 'list.jsp', 'modify.jsp', and 'register.jsp' files. The 'META-INF' and 'WEB-INF' directories are also present, with 'WEB-INF' containing a 'lib' folder and an 'index.jsp' file. The project also includes a 'Deployment Descriptor: BookStore', 'JAX-WS Web Services', 'Java Resources', and a 'build' directory.

문제 2. 화면 구현

도서 목록

← → ↻ ⓘ localhost:8080/BookStore/book/list.jsp

도서목록

[처음으로 도서등록](#)

도서번호	도서명	출판사	가격	관리
1	축구의역사	굿스포츠	7,000	수정 삭제
2	축구의이해	대한미디어	22,000	수정 삭제
3	골프바이블	대한미디어	35,000	수정 삭제

도서 등록

← → ↻ ⓘ localhost:8080/BookStore/book/register.jsp

도서등록

[처음으로 도서목록](#)

도서명	<input type="text"/>
출판사	<input type="text"/>
가격	<input type="text"/>
<input type="button" value="등록"/>	

도서 수정

- 도서목록

```
<%@ page contentType="text/html; charset=UTF-8" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <title>Insert title here</title>
  </head>
  <body>
    <h3>도서목록</h3>
    <a href="#">처음으로</a>
    <a href="#">도서등록</a>

    <table border="1">
      <tr>
        <th>도서번호</th>
        <th>도서명</th>
        <th>출판사</th>
        <th>가격</th>
        <th>관리</th>
      </tr>
      <tr>
        <td>1</td>
        <td>죽구의 역사</td>
        <td>굿스포츠</td>
        <td>7,000</td>
        <td>
          <a href="#">수정</a>
          <a href="#">삭제</a>
        </td>
      </tr>
      <tr>
        <td>2</td>
        <td>죽구의 이해</td>
        <td>대한미디어</td>
        <td>22,000</td>
        <td>
          <a href="#">수정</a>
          <a href="#">삭제</a>
        </td>
      </tr>
      <tr>
        <td>3</td>
        <td>골프바이블</td>
        <td>대한미디어</td>
        <td>35,000</td>
        <td>
          <a href="#">수정</a>
          <a href="#">삭제</a>
        </td>
      </tr>
    </table>
  </body>
</html>
```

- 도서등록

```
<%@ page contentType= text/html; charset=UTF-8 pageEncoding= UTF-8 %>
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <title>Insert title here</title>
  </head>
  <body>
    <h3>도서등록</h3>
    <a href="#">처음으로</a>
    <a href="#">도서목록</a>

    <form action="/registerProc.jsp">
      <table border="1">
        <tr>
          <th>도서번호</th>
          <td><input type="text" name="bookId" /></td>
        </tr>
        <tr>
          <th>도서명</th>
          <td><input type="text" name="bookName" /></td>
        </tr>
        <tr>
          <th>출판사</th>
          <td><input type="text" name="publisher" /></td>
        </tr>
        <tr>
          <th>가격</th>
          <td><input type="text" name="price" /></td>
        </tr>
        <tr>
          <td colspan="2" align="right"><input type="submit" value="등록"></td>
        </tr>
      </table>
    </form>
  </body>
</html>
```

- register Proc

```
<%page import="java.sql.PreparedStatement"%>
<%page import="java.sql.Connection"%>
<%page import="java.sql.DriverManager"%>
<% page contentType="text/html; charset=UTF-8" pageEncoding="UTF-8"%>
<%
  // 전송 데이터 수신
  request.setCharacterEncoding("utf-8");
  String bookId = request.getParameter("bookId");
  String bookName = request.getParameter("bookName");
  String publisher = request.getParameter("publisher");
  String price = request.getParameter("price");

  // 데이터베이스 처리
  String host = "jdbc:mysql://127.0.0.1:3306/java1_bookstore";
  String user = "root";
  String pass = "1234";

  try{
    //1단계 - 서비스 객체생성
    Class.forName("com.mysql.cj.jdbc.Driver");
    //2단계
    Connection conn = DriverManager.getConnection(host, user, pass);

    //3단계
    String sql = "INSERT INTO `book` VALUES (>,>,>,>)";
    PreparedStatement psmt = conn.prepareStatement(sql);
    psmt.setString(1, bookId);
    psmt.setString(2, bookName);
    psmt.setString(3, publisher);
    psmt.setString(4, price);
    //4단계
    psmt.executeUpdate();
    //5단계
    //6단계
    psmt.close();
    conn.close();
  }catch(Exception e){
    e.printStackTrace();
  }

  // 리다이렉트
  response.sendRedirect("/register.jsp");
%>
```

문제 2. 화면 구현

고객 목록

고객 등록

고객 수정

← → ↻ ⓘ localhost:8080/BookStore/customer/list.jsp

고객목록

[처음으로 고객등록](#)

고객번호	고객명	주소	휴대폰	관리
1	박지성	영국 맨체스터	010-1234-1001	수정 삭제
2	김연아	대한민국 서울	010-1234-1002	수정 삭제
3	장미란	대한민국 강원도	010-1234-1003	수정 삭제

← → ↻ ⓘ localhost:8080/BookStore/customer/register.jsp

고객등록

[처음으로 고객목록](#)

고객명	<input type="text"/>
주소	<input type="text"/>
휴대폰	<input type="text"/>
<input type="button" value="등록"/>	

● 고객 목록

```
<%@ page contentType="text/html; charset=UTF-8" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <title>Insert title here</title>
  </head>
  <body>
    <h3>고객등록</h3>
    <a href="#">처음으로</a>
    <a href="#">고객등록</a>

    <table border="1">
      <tr>
        <th>고객번호</th>
        <th>고객명</th>
        <th>주소</th>
        <th>휴대폰</th>
        <th>관리</th>
      </tr>
      <tr>
        <td>1</td>
        <td>박지성</td>
        <td>영국 맨체스터</td>
        <td>010-1234-1001</td>
        <td>
          <a href="#">수정</a>
          <a href="#">삭제</a>
        </td>
      </tr>
      <tr>
        <td>2</td>
        <td>김연아</td>
        <td>대한민국 서울</td>
        <td>010-1234-1002</td>
        <td>
          <a href="#">수정</a>
          <a href="#">삭제</a>
        </td>
      </tr>
      <tr>
        <td>3</td>
        <td>장미란</td>
        <td>대한민국 강원도</td>
        <td>010-1234-1003</td>
        <td>
          <a href="#">수정</a>
          <a href="#">삭제</a>
        </td>
      </tr>
    </table>

  </body>
</html>
```

● 고객 등록

```
<%@ page contentType="text/html; charset=UTF-8" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
  <head>
    <meta charset="UTF-8">
    <title>고객목록</title>
  </head>
  <body>
    <h3>고객등록</h3>
    <a href="#">처음으로</a>
    <a href="#">고객등록</a>

    <table border="1">
      <tr>
        <td>고객명</td>
        <td><input type="text" name="" /></td>
      </tr>
      <tr>
        <td>주소</td>
        <td><input type="text" name="" /></td>
      </tr>
      <tr>
        <td>휴대폰</td>
        <td><input type="text" name="" /></td>
      </tr>
      <tr>
        <td colspan="2" align="right"><input type="submit" value="등록"/></td>
      </tr>
    </table>
  </form>
</body>
</html>
</html>
```

깃 허브 업로드

imminji000 / JSP Public

Pin

Unwatch 1

Fork 0

Star 0

<> Code

Issues 5

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Settings

main JSP / BookStore /

Go to file

Add file

...

swiss7979 2022/10/21 수행평가 33ef3fc 20 seconds ago History

..

.settings

2022/10/21 수행평가

20 seconds ago

src/main/webapp

2022/10/21 수행평가

20 seconds ago

.classpath

2022/10/21 수행평가

20 seconds ago

.gitignore

2022/10/21 수행평가

20 seconds ago

.project

2022/10/21 수행평가

20 seconds ago

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