

# MemoNote semi Project 1

Figma

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[https://www.figma.com/file/KH28IghdTJFMfpUqk4Nzvv/Production-roadmap-timeline-template-\(Community\)?node-id=0%3A1&t=2RWbSYPA8OTFTrQE-0](https://www.figma.com/file/KH28IghdTJFMfpUqk4Nzvv/Production-roadmap-timeline-template-(Community)?node-id=0%3A1&t=2RWbSYPA8OTFTrQE-0)

## 주요 사용 기술

	Name	Version
OS	macOS	13.0.1
IDE	eGov	3.1.0
JDK	Java	11
DB	MySQL	8.0.31
etc	Tomcat	8.5
	Bootstrap	5.3.0
	JSP	2.3
	mysql-connector	8.0.26
	workbench	8.0.31

JSPVersion.jsp

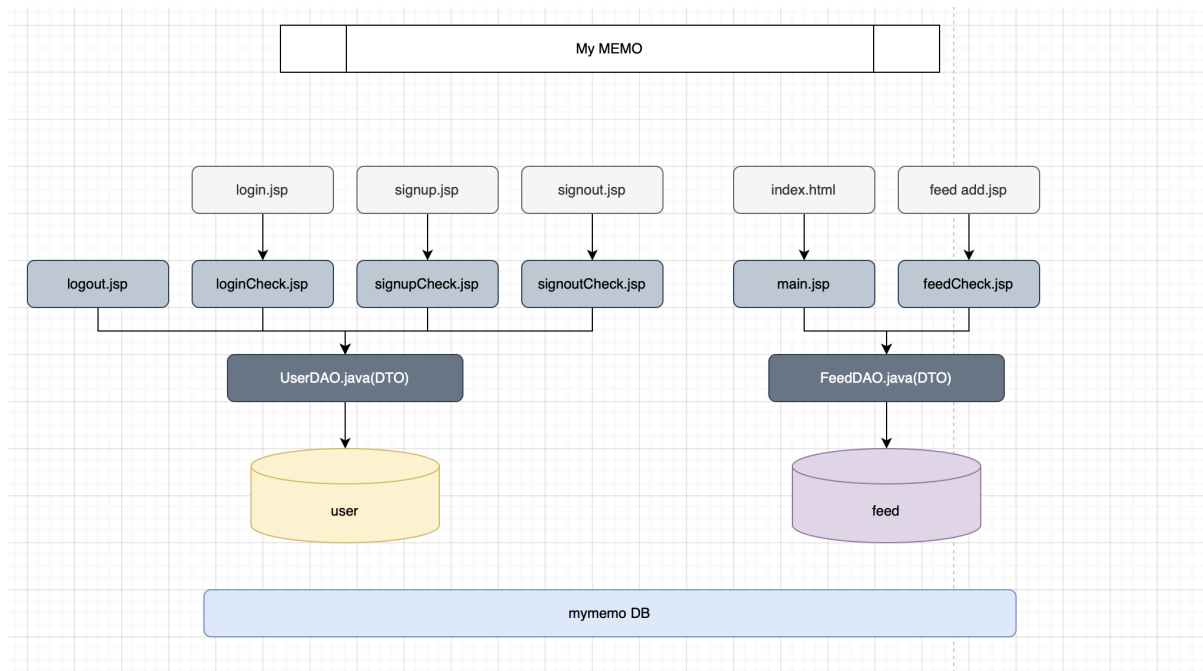
```
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2   pageEncoding="UTF-8"%>
3 <!DOCTYPE html>
4 <html>
5 <head>
6   <meta charset="UTF-8">
7   <title>Insert title here</title>
8 </head>
9 <body>
10  JSP Version : <%=JspFactory.getDefaultFactory().getEngineInfo().getSpecificationVersion() %>
11 </body>
12 </html>
```

Insert title here

<http://localhost:8080/AjaxExam/JSPVersion.jsp>

JSP Version : 2.3

## Project My MEMO



## user Table

Column	Type
id	varchar(128)
name	varchar(32)
password	varchar(32)
ts	timestamp

## userDAO

```

package jdbc;

import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.ArrayList;

import javax.naming.NamingException;

import util.ConnectionPool;

public class UserDAO {

    //가입
    public static int insert(String id, String password, String name) throws NamingException, SQLException {
        Connection conn = null;
        PreparedStatement pstmt = null;

        try {
            String sql = "INSERT INTO user(id, password, name) VALUES(?,?,?)";

            conn = ConnectionPool.get();
            pstmt = conn.prepareStatement(sql);
            pstmt.setString(1, id);
            pstmt.setString(2, password);
            pstmt.setString(3, name);

```

```

        return pstmt.executeUpdate();//성공1, 실패0

    } finally {
        if(pstmt != null) pstmt.close();
        if(conn != null) conn.close();
    }
}

//존재여부
public static boolean exist(String id) throws NamingException, SQLException {

    Connection conn = null;
    PreparedStatement pstmt = null;
    ResultSet rs = null;

    try {
        String sql = "SELECT * FROM user WHERE id=?";
        conn = ConnectionPool.get();

        pstmt = conn.prepareStatement(sql);
        pstmt.setString(1, id);

        rs = pstmt.executeQuery();

        return rs.next();

    } finally {
        if(rs != null) rs.close();
        if(pstmt != null) pstmt.close();
        if(conn != null) conn.close();
    }
}

//탈퇴
public static int delete(String id) throws NamingException, SQLException {

    Connection conn = null;
    PreparedStatement pstmt = null;

    try {
        String sql = "DELETE FROM user WHERE id =?";
        conn = ConnectionPool.get();

        pstmt = conn.prepareStatement(sql);
        pstmt.setString(1, id);

        return pstmt.executeUpdate();//성공1, 실패0

    } finally {
        if(pstmt != null) pstmt.close();
        if(conn != null) conn.close();
    }
}

//로그인체크
public static int login(String id, String upassword) throws NamingException, SQLException {

    Connection conn = null;
    PreparedStatement pstmt = null;
    ResultSet rs = null;

    try {
        String sql = "SELECT id, password FROM user WHERE id=?";

        conn = ConnectionPool.get();
        pstmt = conn.prepareStatement(sql);
        pstmt.setString(1, id);

        rs = pstmt.executeQuery();

        if(!rs.next()) return 1;//디비에 회원 정보가 전혀 없는 경우
        if(!upassword.equals(rs.getString(2))) return 2;//아이디 일치, 비밀번호 불일치
        return 0;//로그인 성공

    } finally {
        if(rs != null) rs.close();
        if(pstmt != null) pstmt.close();
        if(conn != null) conn.close();
    }
}

//회원목록
public static ArrayList<UserDTO> list() throws NamingException, SQLException {

    Connection conn = null;
    PreparedStatement pstmt = null;

```

```

ResultSet rs = null;

try {
    String sql = "SELECT * FROM user ORDER BY ts DESC";

    conn = ConnectionPool.get();
    pstmt = conn.prepareStatement(sql);

    rs = pstmt.executeQuery();

    ArrayList<UserDTO> users = new ArrayList<UserDTO>();
    while(rs.next()) {
        users.add(new UserDTO(rs.getString(1), rs.getString(2), rs.getString(3), rs.getString(4)));
    }

    return users;

} finally {
    if(rs != null) rs.close();
    if(pstmt != null) pstmt.close();
    if(conn != null) conn.close();
}
}
}

```

## signupCheck.jsp

```

<%@page import="jdbc.UserDAO"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-GlhlTQ8
<script src="https://code.jquery.com/jquery-3.6.3.min.js" integrity="sha256-pvPw+upLPUjgMXy0G+800xUf+/Im1MZjXxxg0cQBxU=" crossorigin=

<%
    request.setCharacterEncoding("UTF-8");

    String id = request.getParameter("id");
    String password = request.getParameter("password");
    String name = request.getParameter("name");

    //중복 아이디 체크
    if(UserDAO.exsist(id)){//존재, 아이디 사용불가능%>
        <!-- Modal -->
        <div class="modal fade" id="exampleModal1" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">
            <div class="modal-dialog">
                <div class="modal-content">
                    <div class="modal-header">
                        <h1 class="modal-title fs-5" id="exampleModalLabel">회원가입 실패</h1>
                        <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
                    </div>
                    <div class="modal-body">
                        이미 존재하는 아이디입니다. 다시 시도해주세요.
                    </div>
                    <div class="modal-footer">
                        <button onclick="location.href='signup.jsp'" class="btn btn-primary">회원가입</button>
                    </div>
                </div>
            </div>
        </div>

        <script>
            $(function() {
                $("#exampleModal1").modal("show");
            });
        </script>

    }else{
        //디비에 넣기
        int result = UserDAO.insert(id, password, name);

        if(result==1){//가입 성공%>
            <!-- Modal -->
            <div class="modal fade" id="exampleModal2" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">
                <div class="modal-dialog">
                    <div class="modal-content">
                        <div class="modal-header">
                            <h1 class="modal-title fs-5" id="exampleModalLabel">회원 가입 성공 </h1>
                            <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
                        </div>
                        <div class="modal-body">
                            환영합니다. 메인 페이지로 이동합니다.
                        </div>
                    </div>
                </div>
            </div>

```

```

        </div>
        <div class="modal-footer">
            <button onclick="location.href='main.jsp'" class="btn btn-primary">메인페이지</button>
        </div>
    </div>
</div>

<script>
    $(function() {
        $("#exampleModal2").modal("show");
    });
</script>
<% }
}
%>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js" integrity="sha384-w76AqPfdkMBDXo30js

```

## loginCheck.jsp

```

<%@page import="jdbc.UserDAO"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-GLh1TQ8
<script src="https://code.jquery.com/jquery-3.6.3.min.js" integrity="sha256-pvPw+upLPUjgMXy06+800xUf+/Im1MZjXxxg0cBQBxU=" crossorigin=

<%
    request.setCharacterEncoding("UTF-8");

    String id = request.getParameter("id");
    String password = request.getParameter("password");

    //다비에 넣기
    int result = UserDAO.login(id, password);

    if(result==1){//아이디 불일치%>
    <!-- Modal -->
    <div class="modal fade" id="exampleModal1" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">
        <div class="modal-dialog">
            <div class="modal-content">
                <div class="modal-header">
                    <h1 class="modal-title fs-5" id="exampleModalLabel">로그인 실패</h1>
                    <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
                </div>
                <div class="modal-body">
                    아이디가 존재하지 않습니다. 다시 시도해주세요.
                </div>
                <div class="modal-footer">
                    <button onclick="location.href='login.jsp'" class="btn btn-primary">로그인</button>
                </div>
            </div>
        </div>
    </div>

    <script>
        $(function() {
            $("#exampleModal1").modal("show");
        });
    </script>
<% } else if (result==2){//비밀번호 불일치%>
    <!-- Modal -->
    <div class="modal fade" id="exampleModal2" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">
        <div class="modal-dialog">
            <div class="modal-content">
                <div class="modal-header">
                    <h1 class="modal-title fs-5" id="exampleModalLabel">로그인 실패</h1>
                    <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
                </div>
                <div class="modal-body">
                    비밀번호가 일치하지 않습니다. 다시 시도해주세요.
                </div>
                <div class="modal-footer">
                    <button onclick="location.href='login.jsp'" class="btn btn-primary">로그인</button>
                </div>
            </div>
        </div>
    </div>

    <script>
        $(function() {
            $("#exampleModal2").modal("show");
        });
    </script>

```

```

    });
</script>
<% } else { //로그인 성공%>
<!-- Modal -->
<div class="modal fade" id="exampleModal3" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header">
        <h1 class="modal-title fs-5" id="exampleModalLabel">로그인 성공</h1>
        <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
      </div>
      <div class="modal-body">
        환영합니다. 메인페이지로 이동합니다.
      </div>
      <div class="modal-footer">
        <button onclick="location.href='main.jsp'" class="btn btn-primary">메인페이지</button>
      </div>
    </div>
  </div>
</div>

<script>
  $(function() {
    $("#exampleModal3").modal("show");
  });
</script>
<% }
%>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js" integrity="sha384-w76AqPfdkMBDXo30jS

```

## signinCheck.jsp

```

<%@page import="jdbc.UserDAO"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-GLhLTQ8
<script src="https://code.jquery.com/jquery-3.6.3.min.js" integrity="sha256-pvPw+upLPUjgMXy0G+800xUf+/Im1MZjXxxg0CBQBXU=" crossorigin=

<%
    request.setCharacterEncoding("UTF-8");

    String id = request.getParameter("id");

    //디비에 넣기
    int result = UserDAO.delete(id);

    if(result==1){ //탈퇴 성공%>
    <!-- Modal -->
    <div class="modal fade" id="exampleModal1" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">
      <div class="modal-dialog">
        <div class="modal-content">
          <div class="modal-header">
            <h1 class="modal-title fs-5" id="exampleModalLabel">탈퇴 성공</h1>
            <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
          </div>
          <div class="modal-body">
            탈퇴에 성공하였습니다.
          </div>
          <div class="modal-footer">
            <button onclick="location.href='login.jsp'" class="btn btn-primary">로그인</button>
          </div>
        </div>
      </div>
    </div>

    <script>
      $(function() {
        $("#exampleModal1").modal("show");
      });
    </script>
  <% } else { //탈퇴 실패%>
  <!-- Modal -->
  <div class="modal fade" id="exampleModal2" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">
    <div class="modal-dialog">
      <div class="modal-content">
        <div class="modal-header">
          <h1 class="modal-title fs-5" id="exampleModalLabel">탈퇴 실패</h1>
          <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
        </div>
        <div class="modal-body">
          탈퇴에 실패하였습니다. 다시 시도해주세요.
        </div>
      </div>
    </div>
  </div>

```

```

        </div>
        <div class="modal-footer">
            <button onclick="location.href='signinout.jsp'" class="btn btn-primary">탈퇴</button>
        </div>
    </div>
</div>
</div>

<script>
    $(function() {
        $("#exampleModal2").modal("show");
    });
</script>
<% }
%>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js" integrity="sha384-w76AqPfdkMBDXo30jS

```

## header.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
</head>
<body>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-GLhLTQ8
<script src="https://code.jquery.com/jquery-3.6.3.min.js" integrity="sha256-pvPw+upLPUjgMXy0G+800xUf+/Im1MZjXxxg0cBQBxU=" crossorigin=
<nav class="navbar navbar-expand-lg navbar-dark bg-dark" aria-label="Tenth navbar example">
    <div class="container-fluid">
        <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarsExample08" aria-controls="navbars
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse justify-content-md-center" id="navbarsExample08">
            <ul class="navbar-nav">
                <li class="nav-item">
                    <a class="nav-link active" aria-current="page" href="#">My MEMO</a>
                </li>

                <li class="nav-item dropdown">
                    <a class="nav-link dropdown-toggle" href="#" data-bs-toggle="dropdown" aria-expanded="false">메모</a>
                    <ul class="dropdown-menu">
                        <li><a class="dropdown-item" href="/MyMEMO/login.jsp">메모작성</a></li>
                        <li><a class="dropdown-item" href="/MyMEMO/logout.jsp">메모보기</a></li>
                    </ul>
                </li>

                <li class="nav-item dropdown">
                    <a class="nav-link dropdown-toggle" href="#" data-bs-toggle="dropdown" aria-expanded="false">회원관리</a>
                    <ul class="dropdown-menu">
                        <li><a class="dropdown-item" href="/MyMEMO/login.jsp">로그인</a></li>
                        <li><a class="dropdown-item" href="/MyMEMO/logout.jsp">로그아웃</a></li>
                        <li><a class="dropdown-item" href="/MyMEMO/signup.jsp">회원가입</a></li>
                        <li><a class="dropdown-item" href="/MyMEMO/signout.jsp">회원탈퇴</a></li>
                    </ul>
                </li>

                <li class="nav-item dropdown">
                    <a class="nav-link dropdown-toggle" href="#" data-bs-toggle="dropdown" aria-expanded="false">관리자</a>
                    <ul class="dropdown-menu">
                        <li><a class="dropdown-item" href="/MyMEMO/login.jsp">회원관리</a></li>
                        <li><a class="dropdown-item" href="/MyMEMO/logout.jsp">게시물관리</a></li>
                    </ul>
                </li>
            </ul>
        </div>
    </div>
</nav>
</body>
</html>

```

## footer.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<div class="container">
    <footer class="py-3 my-4">
        <p class="text-center text-muted">&copy; My MEMO, 2023</p>
    </footer>
</div>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js" integrity="sha384-w76AqPfdkMBDXo30jS"
</body>
</html>

```

## main.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>

<%@ include file="header.jsp" %>
<%
    String sid = (String) session.getAttribute("id");
    if (sid == null){
%>
        <!-- Modal -->
        <div class="modal fade" id="exampleModal2" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">
            <div class="modal-dialog">
                <div class="modal-content">
                    <div class="modal-header">
                        <h1 class="modal-title fs-5" id="exampleModalLabel">회원 전용 메뉴</h1>
                        <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
                    </div>
                    <div class="modal-body">
                        로그인한 회원만 사용 가능한 메뉴입니다.<br>
                        로그인 화면으로 이동합니다.
                    </div>
                    <div class="modal-footer">
                        <button onclick="location.href='login.jsp'" class="btn btn-primary">로그인 이동</button>
                    </div>
                </div>
            </div>
        </div>

        <script>
            $(function() {
                $("#exampleModal2").modal("show");
            });
        </script>

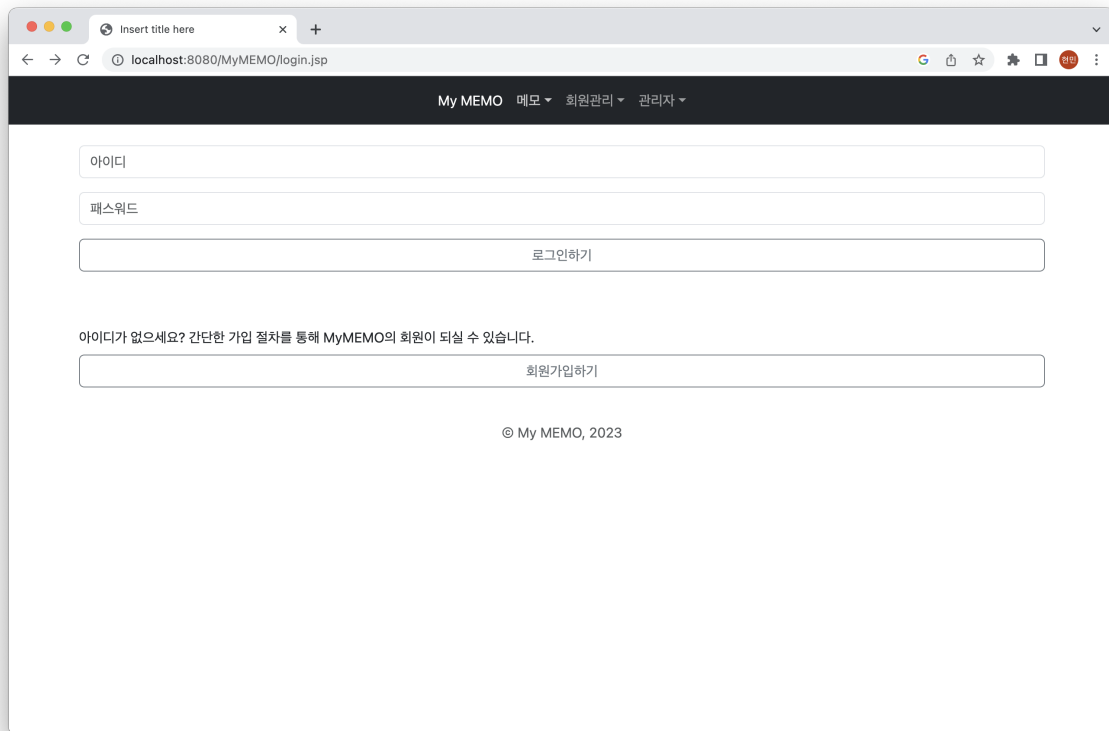
    <%} else {
        session.setAttribute("id", sid);
    }
%>

    <%@ include file="footer.jsp" %>

</body>
</html>

```





## login.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<%@ include file="header.jsp" %>
<br>
<div class="container">
<form action="loginCheck.jsp" method="post">
  <div class="mb-3">
    <input type="text" class="form-control" name="id" placeholder="아이디" required>
  </div>
  <div class="mb-3">
    <input type="password" class="form-control" name="password" class="mtop-10" placeholder="패스워드" required>
  </div>
  <div class="mb-3">
    <button type="submit" class="form-control btn btn-outline-secondary">로그인하기</button>
  </div>
</form>
<br><br>
<div class="mb-3">
  <label class="form-label">아이디가 없으세요? 간단한 가입 절차를 통해 MyMEMO의 회원이 되실 수 있습니다.</label>
  <button onclick="location.href='signup.jsp'" type="submit" class="form-control btn btn-outline-secondary">회원가입하기</button>
</div>
</div>
<%@ include file="footer.jsp" %>
</body>
</html>
```

## signup.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<%@ include file="header.jsp" %>
<br>
<div class="container">
<form action="signupCheck.jsp" method="post">
  <div class="mb-3">
    <input type="text" class="form-control" name="id" placeholder="아이디" required>
  </div>
  <fieldset>
    <div class="mb-3">
      <input type="password" class="form-control" name="password" id="password" class="mtop-10" placeholder="패스워드" required>
    </div>
    <div class="mb-3">
      <input type="password" class="form-control" id="password2" class="mtop-10" placeholder="패스워드 (확인)" required>
    </div>
  </fieldset>
  <div class="mb-3">
    <input type="text" class="form-control" name="name" placeholder="이름" required>
  </div>
  <div class="mb-3">
    <button type="submit" class="form-control btn btn-outline-secondary">회원가입하기</button>
  </div>
</form>
<br><br>
<div class="mb-3">
  <label class="form-label">회원 가입 시 MyMEMO의 약관에 동의하신 것으로 간주합니다.</label>
  <button onclick="location.href='main.jsp'" type="submit" class="form-control btn btn-outline-secondary">약관보기</button>
</div>
</div>

<script>
var password = document.getElementById("password");
var password2 = document.getElementById("password2");

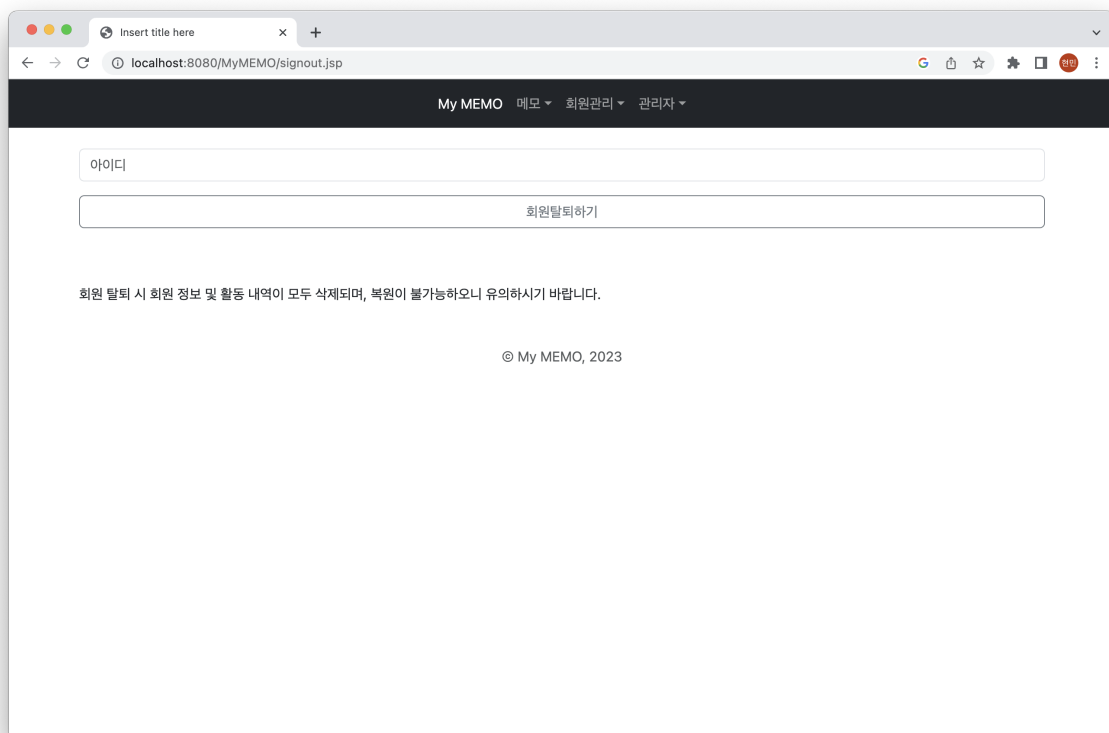
function validatePassword(){
```

```

if(password.value != password2.value) { // 만일 두 인풋 필드값이 같지 않을 경우
    // setCustomValidity의 값을 지정해 무조건 경고 표시가 나게 하고
    password2.setCustomValidity("Passwords Don't Match");
}
else { // 만일 두 인풋 필드값이 같을 경우
    // 오류가 없으면 메시지를 빈 문자열로 설정해야한다. 오류 메시지가 비어 있지 않은 한 양식은 유효성 검사를 통과하지 않고 제출되지 않는다.
    // 따라서 빈값을 주어 submit 처리되게 한다
    password2.setCustomValidity('');
}
}

password.onChange = validatePassword;
password2.onkeyup = validatePassword;
</script>
<%@ include file="footer.jsp" %>
</body>
</html>

```



## signout.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<%@ include file="header.jsp" %>
<br>
<div class="container">
    <form action="signoutCheck.jsp" method="post">
        <div class="mb-3">
            <input type="text" class="form-control" name="id" placeholder="아이디" required>
        </div>
        <div class="mb-3">
            <button type="submit" class="form-control btn btn-outline-secondary">회원탈퇴하기</button>
        </div>
    </form>
</div>
<br><br>

```

```

<div class="mb-3">
  <label class="form-label">회원 탈퇴 시 회원 정보 및 활동 내역이 모두 삭제되며, 복원이 불가능하오니 유의하시기 바랍니다.</label>
</div>
</div>
<%@ include file="footer.jsp" %>
</body>
</html>

```

## AJAX 로 변경

### signupAJAX.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<%@ include file="header.jsp" %>
<br>
<div class="container">
  <div class="mb-3">
    <input type="text" class="form-control" name="id" id="id" placeholder="아이디" required>
  </div>
  <fieldset>
    <div class="mb-3">
      <input type="password" class="form-control" name="password" id="password" class="mtop-10" placeholder="패스워드" required>
    </div>
    <div class="mb-3">
      <input type="password" class="form-control" id="passwordCheck" class="mtop-10" placeholder="패스워드 (확인)" required>
    </div>
  </fieldset>
  <div class="mb-3">
    <input type="text" class="form-control" name="name" id="name" placeholder="이름" required>
  </div>
  <div class="mb-3">
    <button type="submit" id="signin" onclick="signinFunction();" class="form-control btn btn-outline-secondary">회원가입하기</button>
  </div>

  <br><br>
  <div class="mb-3">
    <label class="form-label">회원 가입 시 MyMEMO의 약관에 동의하신 것으로 간주합니다.</label>
    <button onclick="location.href='main.jsp'" type="submit" class="form-control btn btn-outline-secondary">약관보기</button>
  </div>
</div>

<script>
function signinFunction(){
  $.ajax({
    type:"post",
    url:"signupCheckAJAX.jsp",
    data:{id:encodeURIComponent(document.getElementById('id').value),
      password:encodeURIComponent(document.getElementById('password').value),
      name:encodeURIComponent(document.getElementById('name').value)
    },
    dataType:"text",
    success:function(data){/* 성공결과 */
      var id = document.getElementById('id');
      var password = document.getElementById('password');
      var passwordCheck = document.getElementById('passwordCheck');
      var name = document.getElementById('name');
      id.value = "";
      password.value = "";
      passwordCheck.value = "";
      name.value = "";
    }
  });
}

//비밀번호 일치 체크
var password = document.getElementById("password");
var passwordCheck = document.getElementById("passwordCheck");
function validatePassword(){
  if(password.value != passwordCheck.value) { // 만일 두 인풋 필드값이 같지 않을 경우

```

```

        // setCustomValidity의 값을 지정해 무조건 경고 표시가 나게 하고
        passwordCheck.setCustomValidity("Passwords Don't Match");
    }
    else { // 만일 두 인풋 필드값이 같을 경우
        // 오류가 없으면 메시지를 빈 문자열로 설정해야한다. 오류 메시지가 비어 있지 않은 한 양식은 유효성 검사를 통과하지 않고 제출되지 않는다.
        // 따라서 빈값을 주어 submit 처리되게 한다
        passwordCheck.setCustomValidity('');
    }
}
password.onChange = validatePassword;
passwordCheck.onkeyup = validatePassword;
</script>
<%% include file="footer.jsp" %>
</body>
</html>

```

## signupCheckAJAX.jsp

```

<%%page import="jdbc.UserDAO"%>
<%%page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%
    request.setCharacterEncoding("UTF-8");

    String id = request.getParameter("id");
    String password = request.getParameter("password");
    String name = request.getParameter("name");

    UserDAO.insert(id, password, name);
%>

```

## loginAJAX.jsp

```

<%%page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<%% include file="header.jsp" %>
<br>
<div class="container">
    <div class="mb-3">
        <input type="text" class="form-control" name="id" id="id" placeholder="아이디" required>
    </div>
    <div class="mb-3">
        <input type="password" class="form-control" name="password" id="password" class="mtop-10" placeholder="패스워드" required>
    </div>
    <div class="mb-3">
        <button type="submit" id="login" onclick="loginFunction();" class="form-control btn btn-outline-secondary">로그인하기</button>
    </div>
<br><br>
<div class="mb-3">
    <label class="form-label">아이디가 없으세요? 간단한 가입 절차를 통해 MyMEMO의 회원이 되실 수 있습니다.</label>
    <button onclick="location.href='signup.jsp'" type="submit" class="form-control btn btn-outline-secondary">회원가입하기</button>
</div>
</div>

<script>
function loginFunction(){
    $.ajax({
        type:"post",
        url:"loginCheckAJAX.jsp",
        data:{id:encodeURIComponent(document.getElementById('id').value),
            password:encodeURIComponent(document.getElementById('password').value)
        },
        dataType:"text",
        success:function(data){/* 성공결과 */
            alert('로그인 성공 !');
        }
    });
}
</script>

```

```
<%@ include file="footer.jsp" %>
</body>
</html>
```

## loginCheckAJAX.jsp

```
<%@page import="jdbc.UserDAO"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%
    request.setCharacterEncoding("UTF-8");

    String id = request.getParameter("id");
    String password = request.getParameter("password");

    //디비에 넣기
    UserDAO.login(id, password);
%>
```