

20230130 MemoNote semi Project 1

Figma

https://www.figma.com/team_invite/redeem/VIS8AHsdllgfjGUJG6n0S3

[https://www.figma.com/file/KH28lghdTJFMfpUqk4Nzvv/Product-roadmap-timeline-template-\(Community\)?node-id=0%3A1&t=D5kHhgj2sBFxyosT-1](https://www.figma.com/file/KH28lghdTJFMfpUqk4Nzvv/Product-roadmap-timeline-template-(Community)?node-id=0%3A1&t=D5kHhgj2sBFxyosT-1)

앱 이름 : MyMEMO

주요 사용 기술

	Name	Version
OS	Windows	10
IDE	eGov	3.1.0
JDK	Java (Open JDK)	11.0.16
DB	MySQL	8
etc	Tomcat	8.5
	Bootstrap	5.3.0
	JSP	2.3
	mysql-connector	8.0.26
	heidi	12.3.0

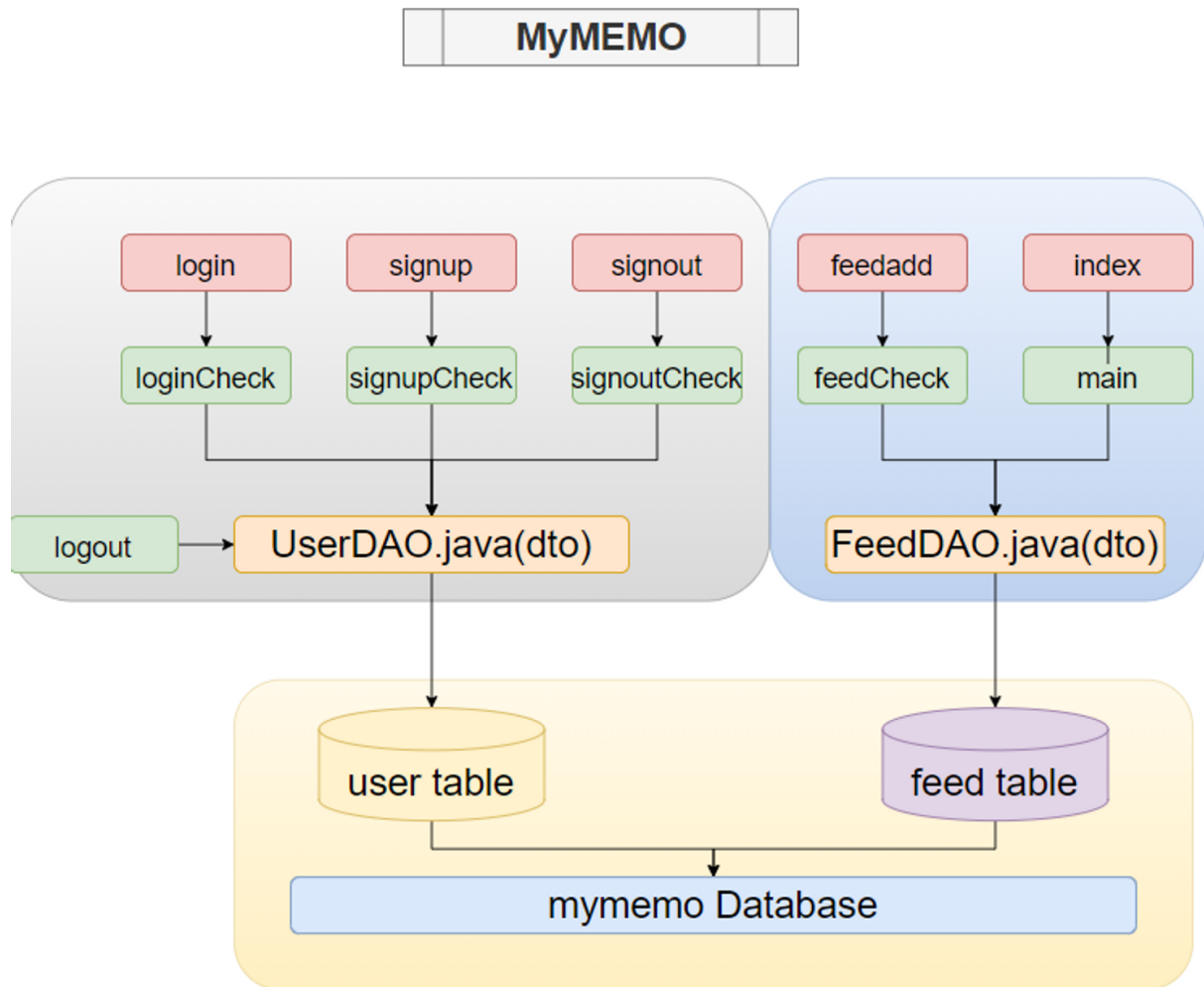
▼ JSP 버전 알아보는 법

```
<%@ 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>

JSP Version : <%= JspFactory.getDefaultFactory().getEngineInfo().getSpecificationVersion() %>
</body>
</html>
```

프로젝트 구성 (Semi)

Project Name : MyMEMO



ConnectionPool

- context.xml
- ConnectionPool.java
- lib : mysql-connector-java-8.0.26.jar

DB 설계

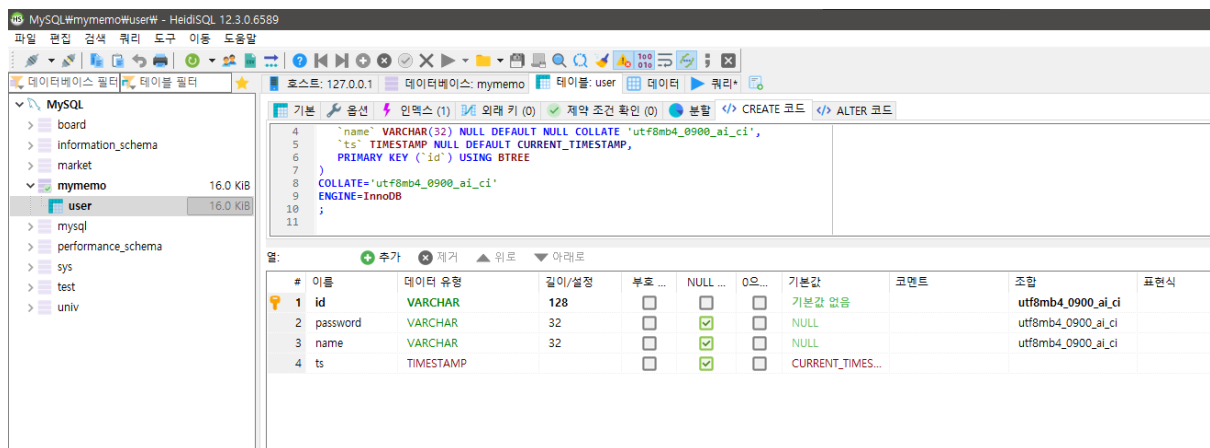
- user table

```

MySQL 8.0 Command Line Client - Unicode
mysql> desc user;
+-----+-----+-----+-----+-----+-----+
| Field | Type          | Null | Key | Default          | Extra          |
+-----+-----+-----+-----+-----+-----+
| id     | varchar(128)  | NO   | PRI | NULL             |                |
| password | varchar(32)   | YES  |     | NULL             |                |
| name   | varchar(32)   | YES  |     | NULL             |                |
| ts     | timestamp     | YES  |     | CURRENT_TIMESTAMP | DEFAULT_GENERATED |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.01 sec)

mysql>

```



UserDTO

```

package jdbc;

public class UserDTO {
    private String id;
    private String password;
    private String name;
    private String ts;

    public String getId() {
        return id;
    }
    public void setId(String id) {
        this.id = id;
    }
    public String getPassword() {
        return password;
    }
    public void setPassword(String password) {
        this.password = password;
    }
}

```

```

    }
    public String getName() {
        return name;
    }
    public void setName(String name) {
        this.name = name;
    }
    public String getTs() {
        return ts;
    }
    public void setTs(String ts) {
        this.ts = ts;
    }
    public UserDTO(String id, String password, String name, String ts) {
        super();
        this.id = id;
        this.password = password;
        this.name = name;
        this.ts = ts;
    }

    public UserDTO() {}

}

```

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 {

    //회원 가입
    public static int insert(String id, String password, String name) throws NamingException, SQLException {

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

        Connection conn = null;
        PreparedStatement pstmt = null;
    }

```

```

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

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

// 회원가입시 아이디가 이미 존재하는지 여부 확인
public static boolean exist(String id) throws NamingException, SQLException {

    String sql = "SELECT id FROM user id=?";

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

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

        rs = pstmt.executeQuery();

        return rs.next(); // 조회한 아이디가 DB에 존재하면 true, 없으면 false
    } finally {
        if(rs != null) rs.close();
        if(pstmt != null) pstmt.close();
        if(conn != null) conn.close();
    }

}

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

    String sql = "DELETE FROM user WHERE id=?";
    Connection conn = null;
    PreparedStatement pstmt = null;

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

        return pstmt.executeUpdate(); //성공 1, 실패 0
    } finally {
        if(pstmt != null) pstmt.close();
        if(conn != null) conn.close();
    }
}

```

```

    }

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

        String sql = "SELECT id, password FROM user WHERE id=?";
        Connection conn = null;
        PreparedStatement pstmt = null;
        ResultSet rs = null;

        try {
            conn = ConnectionPool.get();
            pstmt = conn.prepareStatement(sql);
            pstmt.setString(1, id);
            rs = pstmt.executeQuery();

            if(!rs.next()) return 1; // 아이디가 존재하지 않는 경우
            if(!upassword.equals(rs.getString("password"))) return 2; //아이디는 존재하지만 비밀번호가
            일치하지 않는 경우
            return 0; //로그인 성공

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

    //회원 목록
    public static ArrayList<UserDTO> list() throws NamingException, SQLException {
        String sql = "SELECT * FROM user ORDER BY ts DESC";

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

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

            rs = pstmt.executeQuery();

            ArrayList<UserDTO> users = new ArrayList<UserDTO>();

            while(rs.next()) {
                users.add(new UserDTO(rs.getNString(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();
        }
    }

```

```

}

} // END

```

▼ header.jsp

```

<%@ 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-GLhLTQ8iRABdZLL603oVMWSktQOp6b7In1Zl3/J
r59b6EGGoI1aFkw7cmDA6j6gD" crossorigin="anonymous">
<script src="https://code.jquery.com/jquery-3.6.3.min.js" integrity="sha256-pvPw+up
LPUjgMXy0G+800xUf+/Im1MZjXxxg0cBQBxU=" crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.
bundle.min.js" integrity="sha384-w76AqPfDkMBDXo30jS1Sgez6pr3x5MlQ1ZAGC+nuZB+EYdgRZg
iwXhTBTkF7CXvN" crossorigin="anonymous"></script>

<nav class="navbar navbar-expand-sm navbar-dark bg-dark fixed-top" aria-label="Tent
h navbar example">
  <div class="container-fluid">
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-b
s-target="#navbarsExample08" aria-controls="navbarsExample08" aria-expanded="false"
aria-label="Toggle navigation">
      <span class="navbar-toggler-icon"></span>
    </button>

    <div class="collapse navbar-collapse justify-content-md-center" id="navbarsEx
ample08">
      <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">메모장 </a>
          <ul class="dropdown-menu">
            <li><a class="dropdown-item" href="#">메모작성</a></li>
            <li><a class="dropdown-item" href="#">메모보기</a></li>
          </ul>
        </li>

        <li class="nav-item dropdown">
          <a class="nav-link dropdown-toggle" href="#" data-bs-toggle="dropdown"
aria-expanded="false">회원메뉴</a>
          <ul class="dropdown-menu">

```



```

        <li><a class="dropdown-item" href="login.jsp">로그인</a></li>
        <li><a class="dropdown-item" href="logout.jsp">로그아웃</a></li>
        <li><a class="dropdown-item" href="signup.jsp">회원가입</a></li>
        <li><a class="dropdown-item" href="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">관리메뉴</a>
        <ul class="dropdown-menu">
            <li><a class="dropdown-item" href="#">회원관리</a></li>
            <li><a class="dropdown-item" href="#">게시물관리</a></li>
        </ul>
    </li>

</ul>
</div>
</div>
</nav>

```

▼ footer.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>

    <nav class="navbar fixed-bottom navbar-expand-sm navbar-dark bg-dark">
    <div class="container-fluid">
        <a class="navbar-brand" href="#">My Memo</a>
        <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-
target="#navbarCollapse" aria-controls="navbarCollapse" aria-expanded="false" aria-
label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>
        <div class="collapse navbar-collapse" id="navbarCollapse">
            <ul class="navbar-nav">
                <li class="nav-item">
                    <a class="nav-link active" aria-current="page" href="#">메모 작성</a>
                </li>
            </ul>
        </div>
    </div>
    </nav>

```

▼ 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>
<!-- Custom styles for this template -->
<link href="sign-in.css" rel="stylesheet">
<style>
    .bd-placeholder-img {
        font-size: 1.125rem;
        text-align: middle;
        -webkit-user-select: none;
        -moz-user-select: none;
        user-select: none;
    }

    @media (min-width: 768px) {
        .bd-placeholder-img-lg {
            font-size: 3.5rem;
        }
    }

    .b-example-divider {
        height: 3rem;
        background-color: rgba(0, 0, 0, .1);
        border: solid rgba(0, 0, 0, .15);
        border-width: 1px 0;
        box-shadow: inset 0 .5em 1.5em rgba(0, 0, 0, .1), inset 0 .125em .5em rgba
(0, 0, 0, .15);
    }

    .b-example-vr {
        flex-shrink: 0;
        width: 1.5rem;
        height: 100vh;
    }

    .bi {
        vertical-align: -.125em;
        fill: currentColor;
    }

    .nav-scroller {
        position: relative;
        z-index: 2;
        height: 2.75rem;
        overflow-y: hidden;
    }

    .nav-scroller .nav {
        display: flex;
        flex-wrap: nowrap;
        padding-bottom: 1rem;
        margin-top: -1px;
        overflow-x: auto;

```

```

        text-align: center;
        white-space: nowrap;
        -webkit-overflow-scrolling: touch;
    }
</style>
</head>
<body class="text-center">
<%@ include file="header.jsp" %>

<main class="form-signin w-100 m-auto">
    <form action="signupCheck.jsp" method="post">
        
        <h1 class="h3 mb-3 fw-normal">회원가입</h1>

        <div class="form-floating">
            <input type="text" name="id" class="form-control" id="floatingInput" placeholder="아이디를 입력하세요">
            <label for="floatingInput">ID</label>
        </div>
        <div class="form-floating">
            <input type="password" name="password" class="form-control" id="floatingPassword" placeholder="비밀번호를 입력하세요">
            <label for="floatingPassword">Password</label>
        </div>
        <div class="form-floating">
            <input type="text" name="name" class="form-control" id="floatingInput" placeholder="이름을 입력하세요">
            <label for="floatingInput">Name</label>
        </div>

        <input class="w-100 btn btn-lg btn-primary" type="submit" value="회원가입">
        <p class="mt-5 mb-3 text-muted">&copy; 2017-2022</p>
    </form>
</main>

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

```

▼ 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-GLhLTQ8iRABdZLL603oVMWSktQOp6b7In1Zl3/J
r59b6EGGoI1aFkw7cmDA6j6gD" crossorigin="anonymous">
<script src="https://code.jquery.com/jquery-3.6.3.min.js" integrity="sha256-pvPw+up
LPUjgMXy0G+800xUf+/Im1MZjXxxg0cBQBxU=" crossorigin="anonymous"></script>

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

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

    // 이미 DB에 사용중인 아이디인지 먼저 확인
    if(UserDAO.exist(id)){ %>

<!-- Modal -->
<div class="modal fade" id="exampleModal" tabindex="-1" aria-labelledby="exampleMod
allLabel" aria-hidden="true">
    <div class="modal-dialog">
        <div class="modal-content">
            <div class="modal-header">
                <h1 class="modal-title fs-5" id="exampleModalLabel">이미 존재하는 회원입니다.</h1
            >
                <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label
="Close"></button>
            </div>
            <div class="modal-body">
                다른 아이디를 사용하여 가입해주세요.
            </div>
            <div class="modal-footer">
                <button onclick="location.href='signup.jsp'" class="btn btn-primary">재가입</
button>
            </div>
        </div>
    </div>
</div>

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

        // DB에 넣기
        int result = UserDAO.insert(id, password, name);

        if(result == 1){ %>

            <!-- Modal -->
            <div class="modal fade" id="exampleModal2" tabindex="-1" aria-labelledby="exampleMo
dallLabel" aria-hidden="true">

```

```

<div class="modal-dialog">
  <div class="modal-content">
    <div class="modal-header">
      <h1 class="modal-title fs-5" id="exampleModalLabel">회원가입 성공</h1>
      <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label
="Close"></button>
    </div>
    <div class="modal-body">
      회원 가입을 축하합니다. 메인 페이지로 이동합니다.
    </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-w76AqPfDkMBDXo30jS1Sgez6pr3x5MlQ1ZAGC+nuZB+EYdgRZg
iwXhTBTkF7CXvN" crossorigin="anonymous"></script>

```

회원가입

아이디	<input type="text" value="Email address"/>
패스워드	<input type="password"/>
패스워드(확인)	<input type="password"/>
이름	<input type="text"/>

회원가입하기

▼ 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>
<!-- Custom styles for this template -->
    <link href="sign-in.css" rel="stylesheet">
<style>
    .bd-placeholder-img {
        font-size: 1.125rem;
        text-align: middle;
        -webkit-user-select: none;
        -moz-user-select: none;
        user-select: none;
    }

    @media (min-width: 768px) {
        .bd-placeholder-img-lg {
            font-size: 3.5rem;
        }
    }

    .b-example-divider {
        height: 3rem;
        background-color: rgba(0, 0, 0, .1);
        border: solid rgba(0, 0, 0, .15);
        border-width: 1px 0;
        box-shadow: inset 0 .5em 1.5em rgba(0, 0, 0, .1), inset 0 .125em .5em rgba
```

```

(0, 0, 0, .15);
}

.b-example-vr {
  flex-shrink: 0;
  width: 1.5rem;
  height: 100vh;
}

.bi {
  vertical-align: -.125em;
  fill: currentColor;
}

.nav-scroller {
  position: relative;
  z-index: 2;
  height: 2.75rem;
  overflow-y: hidden;
}

.nav-scroller .nav {
  display: flex;
  flex-wrap: nowrap;
  padding-bottom: 1rem;
  margin-top: -1px;
  overflow-x: auto;
  text-align: center;
  white-space: nowrap;
  -webkit-overflow-scrolling: touch;
}
</style>

</head>
<body class="text-center">
<%@ include file="header.jsp" %>

<main class="form-signin w-100 m-auto">
<form action="loginCheck.jsp">
  
  <h1 class="h3 mb-3 fw-normal">로그인</h1>

  <div class="form-floating">
    <input type="text" name="id" class="form-control" id="floatingInput" placeholder="아이디를 입력해주세요 ">
    <label for="floatingInput">ID</label>
  </div>
  <div class="form-floating">
    <input type="password" name="password" class="form-control" id="floatingPassword" placeholder="비밀번호를 입력해주세요">
    <label for="floatingPassword">Password</label>
  </div>

  <button class="w-100 btn btn-lg btn-primary" type="submit">로그인</button>
  <p class="mt-5 mb-3 text-muted">&copy; 2017-2022</p>
</form>
</main>

```

```

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

```

▼ 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-GLhLTQ8iRABdZLL603oVMWSktQOp6b7In1Zl3/J
r59b6EGGoI1aFkw7cmDA6j6gD" crossorigin="anonymous">
<script src="https://code.jquery.com/jquery-3.6.3.min.js" integrity="sha256-pvPw+up
LPujgMXy0G+800xUf+/Im1MZjXxxg0cBQBxU=" crossorigin="anonymous"></script>

<%

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

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

    if(result == 1){ %>
        <!-- Modal -->
<div class="modal fade" id="exampleModal" tabindex="-1" aria-labelledby="exampleMod
alLabel" aria-hidden="true">
    <div class="modal-dialog">
        <div class="modal-content">
            <div class="modal-header">
                <h1 class="modal-title fs-5" id="exampleModalLabel">아이디가 존재하지 않습니다.</
h1>
                <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label
="Close"></button>
            </div>
            <div class="modal-body">
                회원가입을 부탁드립니다.
            </div>
            <div class="modal-footer">
                <button onclick="location.href='signup.jsp'" class="btn btn-primary">재가입</
button>
            </div>
        </div>
    </div>
</div>

<script>
$(function(){
    $("#exampleModal").modal("show");
});
</script>
<% } else if(result == 2){ %>
    <div class="modal fade" id="exampleModal" tabindex="-1" aria-labelledby="exampl
eModalLabel" aria-hidden="true">
        <div class="modal-dialog">

```



```

        <div class="modal-content">
            <div class="modal-header">
                <h1 class="modal-title fs-5" id="exampleModalLabel">비밀번호가 일치하지 않습니다.
</h1>
                <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label
="Close"></button>
            </div>
            <div class="modal-body">
                재로그인을 부탁드립니다.
            </div>
            <div class="modal-footer">
                <button onclick="location.href='login.jsp'" class="btn btn-primary">재로그인
</button>
            </div>
        </div>
    </div>

<script>
$(function(){
    $("#exampleModal").modal("show");

});
</script>
<% } else{
    session.setAttribute("id", id);
%>
<div class="modal fade" id="exampleModal" tabindex="-1" aria-labelledby="exampleMod
allLabel" 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="C
lose"></button>
        </div>
        <div class="modal-body">
            <%= id %>님 환영합니다.
        </div>
        <div class="modal-footer">
            <button onclick="location.href='main.jsp'" class="btn btn-primary">메인페이지</b
utton>
        </div>
    </div>
</div>
</div>

<script>
$(function(){
    $("#exampleModal").modal("show");

});
</script>
<% }
%>

```

```
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js" integrity="sha384-w76AqPfDkMBDXo30jS1Sgez6pr3x5MlQ1ZAGC+nuZB+EYdgRZgiwxhTBTkF7CXvN" crossorigin="anonymous"></script>
```

로그인

아이디	<input type="text" value="Email address"/>
패스워드	<input type="password"/>
<input type="button" value="로그인하기"/>	

아직 회원이 아니세요?

[회원가입](#)

▼ `signout.jsp`

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
```

```

<html>
<head>
<meta charset="UTF-8">
<title>회원 탈퇴</title>

<!-- Custom styles for this template -->
<link href="sign-in.css" rel="stylesheet">
<style>
    .bd-placeholder-img {
        font-size: 1.125rem;
        text-align: middle;
        -webkit-user-select: none;
        -moz-user-select: none;
        user-select: none;
    }

    @media (min-width: 768px) {
        .bd-placeholder-img-lg {
            font-size: 3.5rem;
        }
    }

    .b-example-divider {
        height: 3rem;
        background-color: rgba(0, 0, 0, .1);
        border: solid rgba(0, 0, 0, .15);
        border-width: 1px 0;
        box-shadow: inset 0 .5em 1.5em rgba(0, 0, 0, .1), inset 0 .125em .5em rgba
(0, 0, 0, .15);
    }

    .b-example-vr {
        flex-shrink: 0;
        width: 1.5rem;
        height: 100vh;
    }

    .bi {
        vertical-align: -.125em;
        fill: currentColor;
    }

    .nav-scroller {
        position: relative;
        z-index: 2;
        height: 2.75rem;
        overflow-y: hidden;
    }

    .nav-scroller .nav {
        display: flex;
        flex-wrap: nowrap;
        padding-bottom: 1rem;
        margin-top: -1px;
        overflow-x: auto;
        text-align: center;
        white-space: nowrap;
        -webkit-overflow-scrolling: touch;
    }

```

```

        </style>
</head>
<body class="text-center">
<%@ include file="header.jsp" %>

<main class="form-signin w-100 m-auto">
<form action="signinCheck.jsp">
    
    <h1 class="h3 mb-3 fw-normal">회원탈퇴</h1>

    <div class="form-floating">
        <input type="text" name="id" class="form-control" id="floatingInput" placeholder="아이디를 입력하세요">
        <label for="floatingInput">ID</label>
    </div>
    <div class="form-floating">
        <input type="password" name="password" class="form-control" id="floatingPassword" placeholder="비밀번호를 입력하세요">
        <label for="floatingPassword">Password</label>
    </div>
    <button class="w-100 btn btn-lg btn-primary">회원 탈퇴</button>
    <p class="mt-5 mb-3 text-muted">&copy; 2017-2022</p>

</form>
</main>

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

```

▼ 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-GLhlTQ8iRABdZLL603oVMwSktQOp6b7In1Zl3/Jr59b6EGGoI1aFkw7cmDA6j6gD" crossorigin="anonymous">
<script src="https://code.jquery.com/jquery-3.6.3.min.js" integrity="sha256-pvPw+upLPUjgMXy0G+800xUf+/Im1MZjXxxg0cBQBXU=" crossorigin="anonymous"></script>

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

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

```

```

        if(result == 0){
            UserDao.delete(id); %>

<div class="modal fade" id="exampleModal" 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 탈퇴 성공</h1>
                <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
            </div>
            <div class="modal-body">
                이용해주셔서 감사합니다.
            </div>
            <div class="modal-footer">
                <button onclick="location.href='main.jsp'" class="btn btn-primary">메인페이지
            </button>
            </div>
        </div>
    </div>
</div>

<script>
$(function(){
    $("#exampleModal").modal("show");

});
</script>

<% } else{ %>
    <div class="modal fade" id="exampleModal" 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 탈퇴 실패</h1>
                    <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
                </div>
                <div class="modal-body">
                    아이디 또는 비밀번호가 일치하지 않습니다.
                </div>
                <div class="modal-footer">
                    <button onclick="location.href='signin.jsp'" class="btn btn-primary">회원탈퇴 페이지</button>
                </div>
            </div>
        </div>
    </div>

    <script>
    $(function(){
        $("#exampleModal").modal("show");

    });
    </script>
<% }

```

```
%>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.
bundle.min.js" integrity="sha384-w76AqPfDkMBDXo30jS1Sgez6pr3x5MlQ1ZAGC+nuZB+EYdgRZg
iwxhTBTKF7CXvN" crossorigin="anonymous"></script>
```

회원탈퇴

아이디

▼ logout.jsp

```
<%@ 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-GLhLTQ8iRABdZLL603oVMwSktQOp6b7In1Zl3/J
r59b6EGGoI1aFkw7cmDA6j6gD" crossorigin="anonymous">
<script src="https://code.jquery.com/jquery-3.6.3.min.js" integrity="sha256-pvPw+up
LPUjgMXy0G+800xUf+/Im1MZjXxxg0cBQBxU=" crossorigin="anonymous"></script>
<%
    session.invalidate();
%>

<div class="modal fade" id="exampleModal" tabindex="-1" aria-labelledby="exampl
eModalLabel" aria-hidden="true">
  <div class="modal-dialog">
    <div class="modal-content">
      <div class="modal-header">
        <h1 class="modal-title fs-5" id="exampleModalLabel">로그아웃 성공</h1>
        <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label
="Close"></button>
      </div>
      <div class="modal-body">
        로그인하시려면 로그인 페이지로 이동하세요.
      </div>
      <div class="modal-footer">
        <button onclick="location.href='login.jsp'" class="btn btn-primary">로그인 페
이지</button>
      </div>
```

```

    </div>
  </div>
</div>

<script>
$(function(){
  $("#exampleModal").modal("show");

});
</script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.
bundle.min.js" integrity="sha384-w76AqPfdKMBDXo30jS1Sgez6pr3x5MlQ1ZAGC+nuZB+EYdgRZg
iwXhTBTkF7CXvN" crossorigin="anonymous"></script>

```

▼ main.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>메인 페이지</title>
</head>
<body>
<%@ include file="header.jsp" %>

<%
    String sid = (String) session.getAttribute("id");
    if(sid == null){ %>

        <div class="modal fade" id="exampleModal" tabindex="-1" aria-labelledby="exampleM
odallabel" 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 한 회원만 사용가능한 메뉴입니다.<br>
                    로그인 화면으로 이동합니다.
                </div>
                <div class="modal-footer">
                    <button onclick="location.href='login.jsp'" class="btn btn-primary">로그인 페
이지</button>
                </div>
            </div>
        </div>
    </div>

<script>
$(function(){

```

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

20230130 MemoNote semi Project 1

MySNS

localhost:8080/MySNS2/login.html

☆

🔍

⚙️

⋮

MySNS

아이디 (이메일주소)

패스워드

로그인하기

아이디가 없으세요? 간단한 가입 절차를 통해 MySNS의 회원이 되실 수 있습니다.

회원가입하기

Copyright: mysns.com, 202x

MySNS

회원가입하기

회원 가입시 MySNS의 약관에 동의하신 것으로 간주합니다.

Copyright: mysns.com, 202x

MySNS

회원 탈퇴 시 회원 정보 및 활동 내역이 모두 삭제되며, 복원이 불가능하니 유의하시기 바랍니다.

Copyright: mysns.com, 202x

AJAX 로 변경

main.jsp → mainAJAX.jsp

login.jsp → loginAJAX.jsp

AJAX로 하기 위해 방식 변경

1. form 삭제
2. 함수를 호출하도록 회원가입 버튼 변경

```
<input class="w-100 btn btn-lg btn-primary" type="submit" id="signin" onclick="signinFunction();" class="mtop-20" value="회원가입">
```

▼ 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>
<!-- Custom styles for this template -->
<link href="sign-in.css" rel="stylesheet">
<style>
    .bd-placeholder-img {
        font-size: 1.125rem;
        text-align: middle;
        -webkit-user-select: none;
        -moz-user-select: none;
        user-select: none;
    }

    @media (min-width: 768px) {
        .bd-placeholder-img-lg {
            font-size: 3.5rem;
        }
    }

    .b-example-divider {
        height: 3rem;
        background-color: rgba(0, 0, 0, .1);
        border: solid rgba(0, 0, 0, .15);
        border-width: 1px 0;
        box-shadow: inset 0 .5em 1.5em rgba(0, 0, 0, .1), inset 0 .125em .5em rgba
(0, 0, 0, .15);
    }

    .b-example-vr {
        flex-shrink: 0;
        width: 1.5rem;
        height: 100vh;
    }

    .bi {
        vertical-align: -.125em;
        fill: currentColor;
    }
</style>
```

```

        .nav-scroller {
            position: relative;
            z-index: 2;
            height: 2.75rem;
            overflow-y: hidden;
        }

        .nav-scroller .nav {
            display: flex;
            flex-wrap: nowrap;
            padding-bottom: 1rem;
            margin-top: -1px;
            overflow-x: auto;
            text-align: center;
            white-space: nowrap;
            -webkit-overflow-scrolling: touch;
        }
    </style>
</head>
<body class="text-center">
<%@ include file="header.jsp" %>

<main class="form-signin w-100 m-auto">
    <!-- <form action="signupCheck.jsp" method="post"> -->
    
    <h1 class="h3 mb-3 fw-normal">회원가입</h1>

    <div class="form-floating">
        <input type="text" name="id" class="form-control" id="id" placeholder="아이디를
입력하세요">
        <label for="floatingInput">ID</label>
    </div>
    <div class="form-floating">
        <input type="password" name="password" class="form-control" id="password" pla
ceholder="비밀번호를 입력하세요">
        <label for="floatingPassword">Password</label>
    </div>
    <div class="form-floating">
        <input type="text" name="name" class="form-control" id="name" placeholder="이
름을 입력하세요">
        <label for="floatingInput">Name</label>
    </div>

    <!-- <input class="w-100 btn btn-lg btn-primary" type="submit" class="mtop-20"
value="회원가입"> -->
    <input class="w-100 btn btn-lg btn-primary" type="submit" id="signin" onclick
="signinFunction();" class="mtop-20" value="회원가입">

    <p class="mt-5 mb-3 text-muted">&copy; 2017-2022</p>
    <!-- </form> -->
</main>

<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){
            alert('가입 성공');
            var id = document.getElementById('id');
            var password = document.getElementById('password');
            var name = document.getElementById('name');
            id.value="";
            password.value="";
            name.value="";
        }

    });
}

</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);

%>

```