

MemoNote semi Project 2

https://s3-us-west-2.amazonaws.com/secure.notion-static.com/c6260d53-4c53-4d69-9524-e5693678945d/Ada_lovelace.pdf

feed Table

Column	Type
no	int
id	varchar(128)
content	longtext
ts	timestamp

FeedDAO.java

```
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 FeedDAO {

    //등록
    public static boolean insert(String id, String content) throws NamingException, SQLException {
        Connection conn = null;
        PreparedStatement pstmt = null;

        try {
            String sql = "INSERT INTO feed(id, content) VALUES(?,?)";

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

            return (pstmt.executeUpdate()>0) ? true : false;

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

    //전체목록 관리자용
    public static ArrayList<FeedDTO> getAllList() throws NamingException, SQLException {

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

        try {
            String sql = "SELECT * FROM feed";

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

```

        rs = pstmt.executeQuery();

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

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

//전체목록 회원용
public static ArrayList<FeedDTO> getList(String id) throws NamingException, SQLException {

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

    try {
        String sql = "SELECT * FROM feed WHERE id=? ORDER BY ts DESC";

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

        rs = pstmt.executeQuery();

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

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

```

feedadd.jsp + summernote

jquery 겹치지 않게 주의(header, footer에 포함했을 시 유의)

```

<%@ 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" %>
<link href="https://cdn.jsdelivr.net/npm/summernote@0.8.18/dist/summernote-lite.min.css" rel="stylesheet">
<script src="https://cdn.jsdelivr.net/npm/summernote@0.8.18/dist/summernote-lite.min.js"></script>
<%
// String sid = (String) session.getAttribute("id");//header에서 이미 선언 타입 지정 X
sid = (String) session.getAttribute("id");
if (sid == null){
%>

<!-- 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">회원 전용 메뉴</h1>
<button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
</div>
<div class="modal-body">
로그인을 한 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>

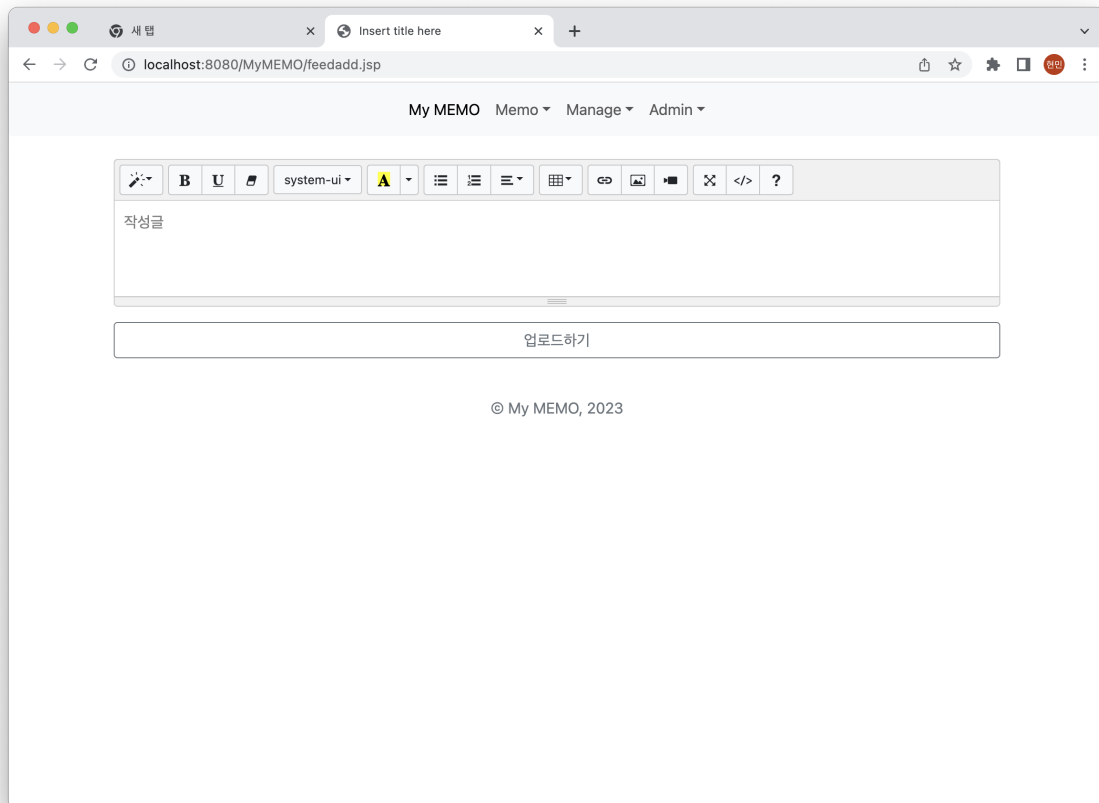
<script>
    $(function() {
        $("#exampleModal1").modal("show");
    });
</script>

<%> else {
    session.setAttribute("id", sid);
}%>
<br>
<div class="container">
    <form action="feedCheck.jsp" method="post">
        <input type="hidden" name="id" value="<%=sid %>">
        <div class="mb-3">
            <textarea class="form-control" name="content" id="summernote" rows="3" placeholder="작성글"></textarea>
        </div>
        <div class="mb-3">
            <button type="submit" class="form-control btn btn-outline-secondary">업로드하기</button>
        </div>
    </form>
</div>

<div id="summernote"></div>
<script>
    $('#summernote').summernote({
        placeholder: '작성글',
        tabsize: 2,
        height: 120,
        toolbar: [
            ['style', ['style']],
            ['font', ['bold', 'underline', 'clear']],
            ['color', ['color']],
            ['para', ['ul', 'ol', 'paragraph']],
            ['table', ['table']],
            ['insert', ['link', 'picture', 'video']],
            ['view', ['fullscreen', 'codeview', 'help']]
        ]
    });
</script>

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

```



feedCheck.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"
    import="jdbc.*"%>
<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+upLPUjgMY0G+800xUf+/Im1MZjXxxgOcBQBXU=" crossorigin=

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

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

    //데이터 넣기
    if(FeedDAO.insert(id, content)){//등록 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">게시 성공</h1>
        <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
      </div>
      <div class="modal-body">
        등록 성공
      </div>
      <div class="modal-footer">
        <button onclick="location.href='main.jsp'" class="btn btn-primary">메모 목록</button>
      </div>
    </div>
  </div>
</div>

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

```

</script>
<% } else { //등록 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">게시 실패</h1>
        <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
      </div>
      <div class="modal-body">
        등록 실패
      </div>
      <div class="modal-footer">
        <button onclick="location.href='feedadd.jsp'" class="btn btn-primary">메모 작성</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-w76AqPFDkMBOx030jS

```

header.jsp

session 올리기

```

<%@ 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=

<%String sid = (String) session.getAttribute("id"); %>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<nav class="navbar navbar-expand-lg bg-light rounded" aria-label="Twelfth navbar example">
  <div class="container-fluid">
    <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarsExample10" aria-controls="navba
    <span class="navbar-toggler-icon"></span>
  </div>

  <div class="collapse navbar-collapse justify-content-md-center" id="navbarsExample10">
    <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">Manage</a>
        <ul class="dropdown-menu">
          <li><a class="dropdown-item" href="/MyMEMO/login.jsp">로그인</a></li>
          <li><a class="dropdown-item" href="/MyMEMO/signup.jsp">회원가입</a></li>
        </ul>
      </li>
      <li class="nav-item dropdown">
        <a class="nav-link dropdown-toggle" href="#" data-bs-toggle="dropdown" aria-expanded="false">Admin</a>
        <ul class="dropdown-menu">
          <li><a class="dropdown-item" href="/MyMEMO/userAll.jsp">회원관리</a></li>
          <li><a class="dropdown-item" href="/MyMEMO/feedAll.jsp">메모관리</a></li>
          <li><a class="dropdown-item" href="/MyMEMO/logout.jsp">로그아웃</a></li>
        </ul>
      </li>
      <li class="nav-item dropdown">
        <a class="nav-link dropdown-toggle" href="#" data-bs-toggle="dropdown" aria-expanded="false">Memo</a>
        <ul class="dropdown-menu">
          <li><a class="dropdown-item" href="/MyMEMO/feedadd.jsp">메모작성</a></li>
          <li><a class="dropdown-item" href="/MyMEMO/main.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">Manage</a>
        <ul class="dropdown-menu">
          <li><a class="dropdown-item" href="/MyMEMO/logout.jsp">로그아웃</a></li>
          <li><a class="dropdown-item" href="/MyMEMO/signout.jsp">회원탈퇴</a></li>
        </ul>
      </li>
    </ul>
  </div>

```

```

        <%} %>
    </li>
</ul>
</div>
</div>
</nav>

```

main.jsp

```

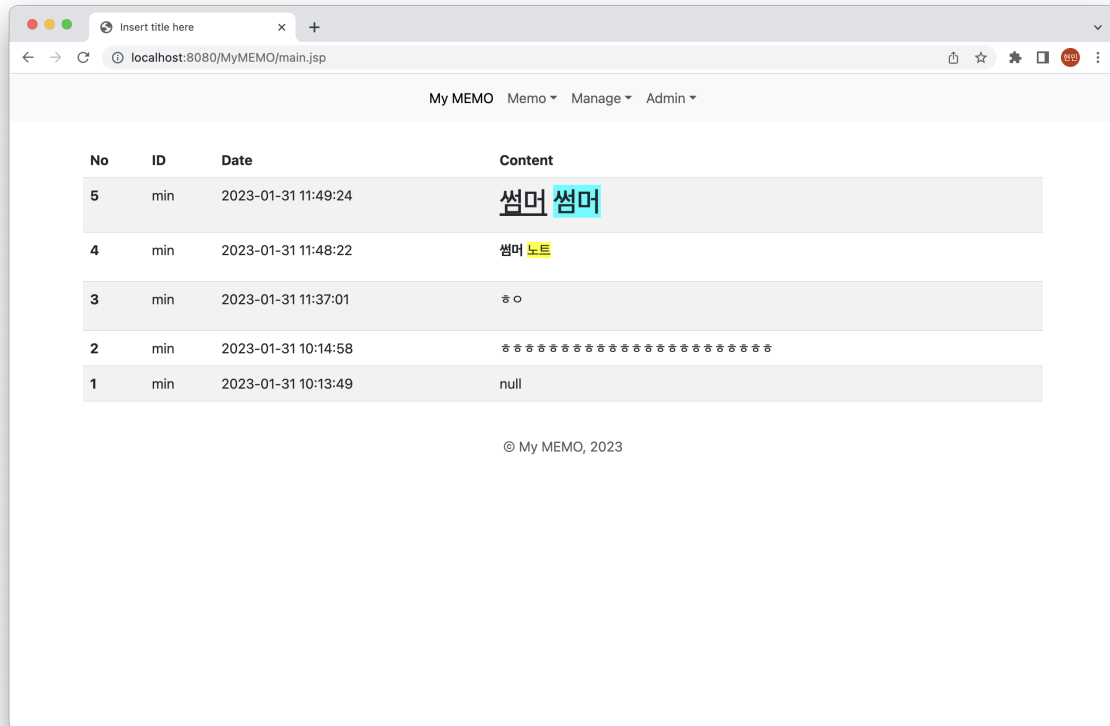
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"
    import="jdbc.*, java.util.*"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<%@ include file="header.jsp" %>
<%
// String sid = (String) session.getAttribute("id");//header에서 이미 선언 타입 지정 x
sid = (String) session.getAttribute("id");
if (sid == null){
%>
    <!-- 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">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 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() {
            $("#exampleModal1").modal("show");
        });
    </script>

<%} else {
    session.setAttribute("id", sid);
}%>
<br>
<div class="container">
<table class="table table-striped">
    <thead>
        <tr>
            <th scope="col">No</th>
            <th scope="col">ID</th>
            <th scope="col">Date</th>
            <th scope="col">Content</th>
        </tr>
    </thead>
    <tbody>
<% ArrayList<FeedDTO> feeds = FeedDAO.getList(sid);
for (FeedDTO feed:feeds){
%>
        <tr>
            <th scope="row"><%=feed.getNo() %></th>
            <td><%=feed.getId() %></td>
            <td><%=feed.getTs() %></td>
            <td><%=feed.getContent() %></td>
        </tr>
    <% } %>
    </tbody>
</table>
</div>
<%@ include file="footer.jsp" %>

```

```
</body>
</html>
```



session 처리

AJAX

- jquery 먹이기
- jquery jar
- form 제거
- id 지정
- <script> function </script>
- method

feedAllAJAX.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"
    import="jdbc.*, java.util.*"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<%@ include file="../header.jsp" %>
<script>

function searchFunction() {
```

```

$.ajax({
    type: 'post',
    url: 'feedAllCheckAJAX.jsp',
    success: function(data) {
        var feeds = JSON.parse(data.trim());

        var str = "";
        for (var i = 0; i < feeds.length; i++) {
            str += "<tr><th>" + feeds[i].no + "</th>";
            str += "<td>" + feeds[i].id + "</td>";
            str += "<td>" + feeds[i].content + "</td>";
            str += "<td>" + feeds[i].ts + "</td></tr>";
        }
        $("#ajaxTable").html(str);
    }
});

window.onload = function() {
    searchFunction();
}

</script>

<br>
<div class="container">
<table class="table table-striped">
<thead>
<tr>
<th scope="col">No</th>
<th scope="col">ID</th>
<th scope="col">Date</th>
<th scope="col">Content</th>
</tr>
</thead>
<tbody id="ajaxTable">

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

```

feedAllCheckAJAX.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"
    import="jdbc.*"%>
<%
    out.print(FeedDAO.getListAJAX());
%>

```

getListAJAX

FeedDAO

string

```

//전체목록 관리자용 AJAX
public static String getListAJAX() throws NamingException, SQLException {

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

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

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

        rs = pstmt.executeQuery();
    }
}

```



```

        JSONArray feeds = new JSONArray();
        while(rs.next()) {
            JSONObject obj = new JSONObject();
            obj.put("no", rs.getString(1));
            obj.put("id", rs.getString(2));
            obj.put("content", rs.getString(3));
            obj.put("ts", rs.getString(4));

            feeds.add(obj);
        }

        return feeds.toJSONString();

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

```

userAllAJAX.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"
    import="jdbc.*, java.util.*"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<%@ include file="../header.jsp" %>
<script type="text/javascript">
function searchFunction() {

    $.ajax({
        type:'post',
        url:'userAllCheckAJAX.jsp',
        success:function(data){
            var users = JSON.parse(data.trim());

            var str = "";
            for(var i = 0; i < users.length; i++){
                str += "<tr><th>" + users[i].id + "</th>";
                str += "<td>" + users[i].name + "</td>";
                str += "<td>" + users[i].ts + "</td></tr>";
            } $("#ajaxTable").html(str);
        }
    });
}

window.onload = function(){
    searchFunction();
}
</script>

<br>
<div class="container">
<table class="table table-striped">
    <thead>
        <tr>
            <th scope="col">ID</th>
            <th scope="col">Name</th>
            <th scope="col">Date</th>
        </tr>
    </thead>
    <tbody id="ajaxTable">
    </tbody>
</table>
</div>
<%@ include file="../footer.jsp" %>
</body>
</html>

```

userAllCheckAJAX.jsp

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

listAJAX

UserDAO

string

```
//회원목록 AJAX
public static String listAJAX() 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();

        JSONArray users = new JSONArray();
        while(rs.next()) {
            JSONObject obj = new JSONObject();
            obj.put("id", rs.getString(1));
            obj.put("password", rs.getString(2));
            obj.put("name", rs.getString(3));
            obj.put("ts", rs.getString(4));

            users.add(obj);
        }

        return users.toJSONString();

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