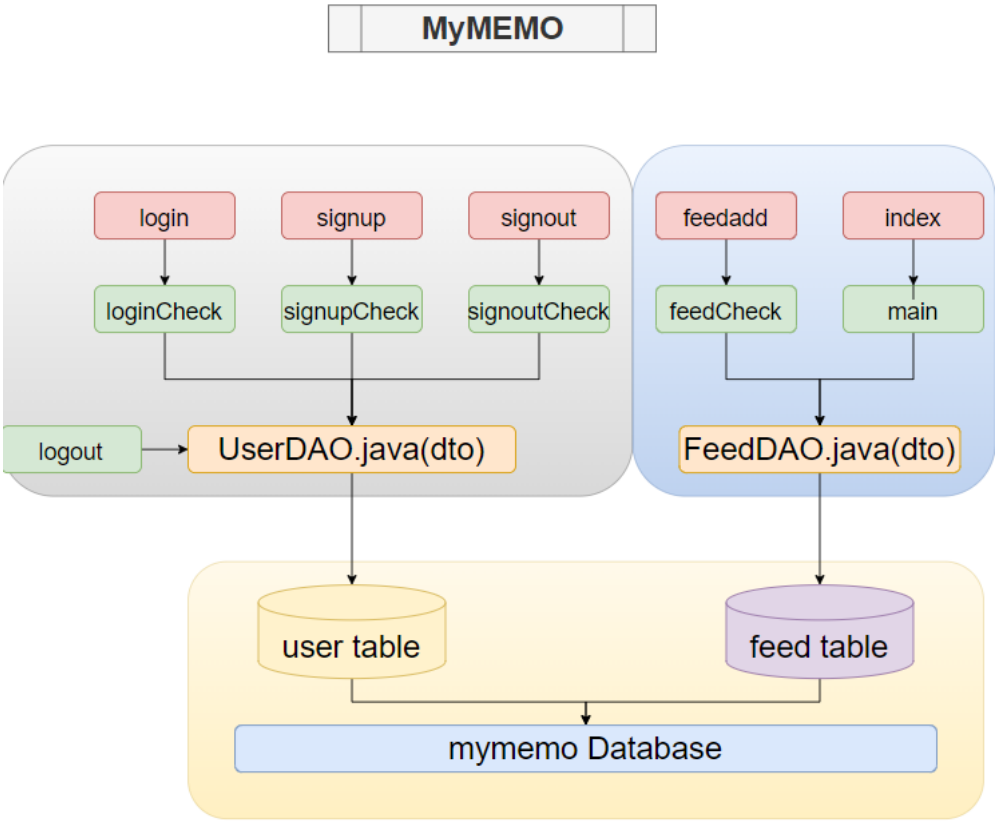
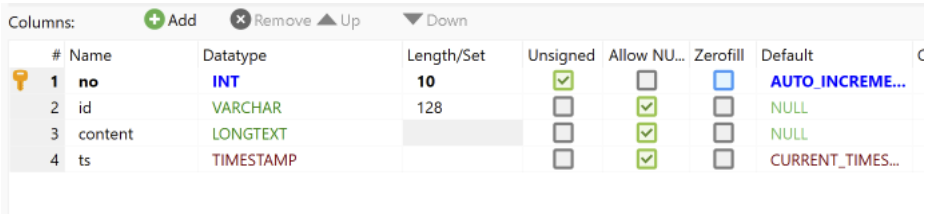
MemoNote semi Project 2 230131



feed




```
CREATE TABLE `feed` (
  `no` INT(10) NOT NULL AUTO_INCREMENT,
  `id` VARCHAR(50) NULL DEFAULT NULL COLLATE 'utf8mb4_0900_ai_ci',
  `content` LONGTEXT NULL DEFAULT NULL COLLATE 'utf8mb4_0900_ai_ci',
  `ts` TIMESTAMP NULL DEFAULT CURRENT_TIMESTAMP,
  PRIMARY KEY (`no`) USING BTREE
)
COLLATE='utf8mb4_0900_ai_ci'
ENGINE=InnoDB
;
```

feedDTO

```
package jdbc;

public class feedDTO {

  private String no, id, content, ts;



  public String getNo() {
    return no;
  }

  public void setNo(String no) {
    this.no = no;
  }

  public String getId() {
    return id;
  }

  public void setId(String id) {
    this.id = id;
  }

  public String getContent() {
    return content;
  }

  public void setContent(String content) {
    this.content = content;
  }

  public String getTs() {
    return ts;
  }

  public void setTs(String ts) {
    this.ts = ts;
  }



  public feedDTO(String no, String id, String content, String ts) {
    super();
    this.no = no;
    this.id = id;
    this.content = content;
    this.ts = ts;
  }



}
```

feedDAO

```
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 {

  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()==1) ? true : false;

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

}


// 관리자용 모든 메모 보기
public static ArrayList<feedDTO> getallList()
    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();

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

}


//회원 자신의 메모만 보기
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(pstmt != null) pstmt.close();
    if(conn != null) conn.close();
```

```
    }

  }


}
```

feedadd.jsp

```
<form action="feedAdd.jsp" method="post">
    <div class="page-hdr">글작성</div>
    <div class="page-body">
      <div class="section pad-24 mtop-30">
        <input type="text" name="id" placeholder="아이디" required>

        <textarea name="content" placeholder="작성글" class="mtop-10"></textarea>

        <div class="section pad-24 mtop-30">
          <input type="submit" value="업로드하기">
        </div>
      </div>
    </div>

  </form>
```

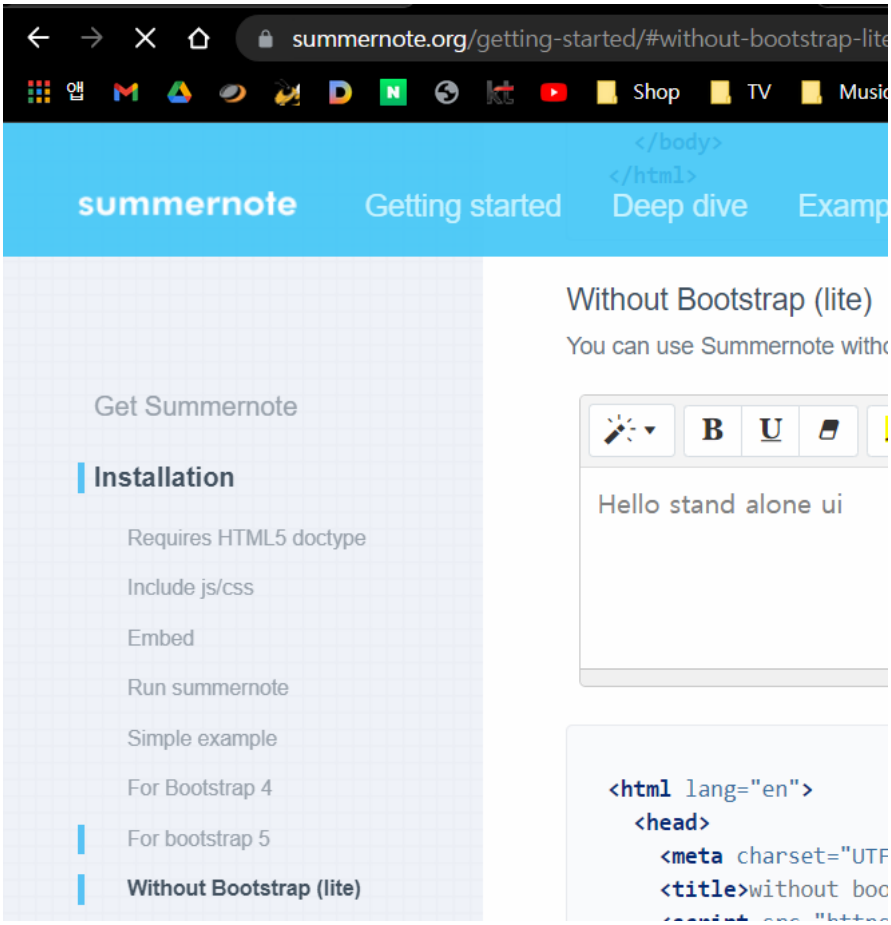
feedCheck.jsp

```
<%

  request.setCharacterEncoding("utf-8");

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



  if(feedDAO.insert(id,content)) {
    out.print("등록 성공");
  }else{
    out.print("등록 실패");
  }


%>
```

main.jsp

```
<%@page import="jdbc.feedDAO"%>
<%@page import="jdbc.feedDTO"%>
<%@page import="java.util.ArrayList"%>
<%@ 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" %>



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

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



<table align=center>
<tr><td><b> 작성 메모 리스트 </b></td></tr>

<%
  ArrayList<feedDTO> feeds = feedDAO.getList(sid);

  for (feedDTO feed : feeds) {
%>

  <tr><td colspan=2><hr></td></tr>
  <tr><td><%=feed.getId() %></td>
    <td><small><%=feed.getTs() %></small></td>
  </tr>
  <tr><td colspan=2><%=feed.getContent() %></td></tr>

<%
  }
%>
</table>



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

</body>
</html>
```

썸머노트 붙이기 공식



bootstrap 4 5 를 사용하지 말고 lite 버전을 사용한다.

파일의 하단에 script 부분 붙여넣기

```
</main>


    <script>
    $('#summernote').summernote({
      placeholder: 'Hello stand alone ui',
      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>
```

섬머노트가 들어갈 textarea 에 아이디 값을 넣는다.

실제 섬머노트를 설치할 textarea 의 아이디값을 설정한다.

```
<textarea name="content" id="summernote" class="mtop-10"></textarea>
```

마지막으로 섬머노트 스크립트 삽입 (jquery를 header에 삽입하였다면 그줄만 생략)

```
<script src="https://code.jquery.com/jquery-3.4.1.slim.min.js" integrity="sha384-J6qa4849blE2+poT4WnyKhv5vZF5SrPo0iEjwBvKU7imGFAV0wwj1
    <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>
```

feedadd.jsp SUMMERNOTE Version

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<title>메모 작성</title>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
</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>

    <!-- Custom styles for this template -->
    <link href="sign-in.css" rel="stylesheet">



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

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

<main class="form-signin m-auto">

<form action="feedCheck.jsp" method="post">
    <div class="page-hdr">글작성</div>
    <div class="page-body">
      <div class="section pad-24 mtop-30">
        <input type="hidden" name="id" value="<%=sid %>">

        <textarea name="content" id="summernote" class="mtop-10"></textarea>

        <div class="d-grid gap-2 col-6 mx-auto">
          <input type="submit" class="btn btn-primary" value="글작성">
        </div>

      </div>
    </div>

</form>

</main>


    <script>
      $('#summernote').summernote({
        placeholder: 'Hello stand alone ui',
        tabsize: 2,
        height: 300,
        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>
```

모든 페이지에 세션확인

처리 결과 모달로 전부 출력

feedAll.jsp

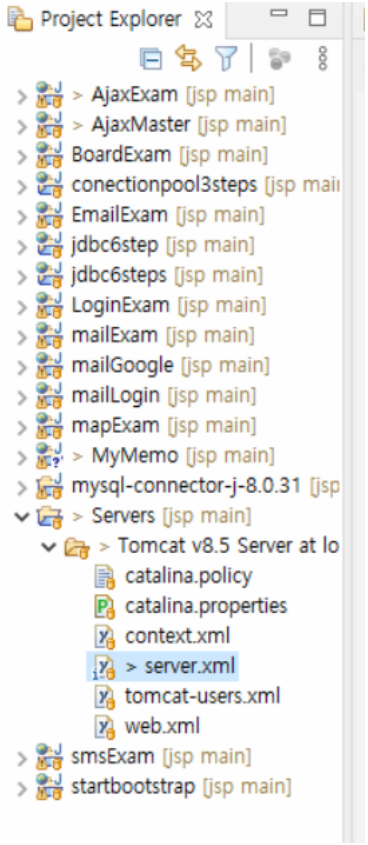
```
<%@page import="jdbc.feedDAO"%>
<%@page import="jdbc.feedDTO"%>
<%@page import="java.util.ArrayList"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
<%@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



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

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



<table align=center>
<tr><td><b> 작성 메모 리스트 </b></td></tr>

<%
  ArrayList<feedDTO> feeds = feedDAO.getallList();

  for (feedDTO feed : feeds) {
%>

  <tr><td colspan=2><hr></td></tr>
  <tr><td><%=feed.getId() %></td>
    <td><small><%=feed.getTs() %></small></td>
  </tr>
  <tr><td colspan=2><%=feed.getContent() %></td></tr>

<%
  }
%>
</table>



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

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

섬머 노트 파일 또는 사진 첨부시 큰 파일이 안 올라가는 증상 해결 법 (by 강세빈님)

이클립스 안의 project explorer 에서…

Server - Tomcat - server.xml




```
<Connector port="8080" protocol="HTTP/1.1"
           connectionTimeout="20000"
           redirectPort="8443"
           maxPostSize="-1"/>
```

maxPostSize=”-1” 로 설정하면 파일 크기의 제약이 사라진다.

꼭 서버 재기동할것……

세션 값을 사용하여 로그인 처리 뿐만아니라 메뉴 토글의 역할도 처리 할 수 있다.

```
<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="feedadd.jsp">메모작성</a></li>
              <li><a class="dropdown-item" href="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">회원</a>
            <ul class="dropdown-menu">
            <%if (sid == null) {%>
              <li><a class="dropdown-item" href="login.jsp">로그인</a></li>
              <li><a class="dropdown-item" href="signup.jsp">회원가입</a></li>
              <%} else {%>
              <li><a class="dropdown-item" href="logout.jsp">로그아웃</a></li>
              <li><a class="dropdown-item" href="signout.jsp">회원탈퇴</a></li>
              <%};%>
            </ul>
          </li>

            <%if (sid != null && sid.equals("admin") ){%>
          <li class="nav-item dropdown">
            <a class="nav-link dropdown-toggle" href="#" data-bs-toggle="dropdown" aria-expanded="false">관리</a>
            <ul class="dropdown-menu">
              <li><a class="dropdown-item" href="userAll.jsp">회원관리</a></li>
              <li><a class="dropdown-item" href="feedAll.jsp">메모관리</a></li>
            </ul>
          </li>
           <%};%>


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

AJAX 활용

login.jsp ——> loginAJAX.jsp

```
<!-- <form action="loginCheck.jsp"> -->
    <img class="mb-4" src="http://austiny.snu.ac.kr/image/mine.jpg" alt="" width="72" height="57">
    <h1 class="h3 mb-3 fw-normal">로그인 하세요</h1>

    <div class="form-floating">
      <input type="text" name="id" id="id" class="form-control" id="floatingInput" placeholder="아이디를 입력하세요">
      <label for="floatingInput">아이디</label>
    </div>
    <div class="form-floating">
      <input type="password" name="password" id="password" class="form-control" id="floatingPassword" placeholder="암호를 입력하세요">
      <label for="floatingPassword">암호</label>
    </div>


  <input type="submit" onclick="loginProcess();" value="로그인">
    <p class="mt-5 mb-3 text-muted">&copy; 2017–2022</p>
  </form>
```

1 form 태그 삭제

2 submit 단추 클릭시 loginProcess() 함수 호출

3 id 값 설정 id="id" name="password"

```
<script>
function loginProcess() {
  $.ajax({
    type:"post",
    url: "loginCheckAJAX.jsp",
    data : {id:encodeURIComponent(document.getElementById('id').value),
          password:encodeURIComponent(document.getElementById('password').value)

    },
    dataType:"text",

    success:function(data) {
      alert("로그인 성공");
    }
  });
}
</script>
```

파일의 윗 부분에 jquery CDN 삽입

<script src="https://code.jquery.com/jquery-3.6.3.min.js" integrity="sha256-pvPw+upLPUjgMXY0G+8O0xUf+/Im1MZjXxxgOcBQBXU=" crossorigin="anonymous"></script>

우리는 이미 header.jsp 에 넣었기 때문에 생략

AJAX 용 매서드

```
//AJAX 로 모든 리스트 출력 매서드
  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(pstmt != null) pstmt.close();
      if(conn != null) conn.close();
    }
```

```
  }
```

feedAllAJAX

```
<%@page import="jdbc.feedDAO"%>
<%@page import="jdbc.feedDTO"%>
<%@page import="java.util.ArrayList"%>
<%@ 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" %>

<script>

function searchFunction() {

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

      var str = "";
      for(var i = 0; i < feeds.length; i++){
        str += "<tr><td>" + feeds[i].no + "</td>";
        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>


<table align=center>
<thead>
</thead>
<tbody id="ajaxTable">

</tbody>
</table>




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

</body>
</html>
```