

# Spring Mini Project 2

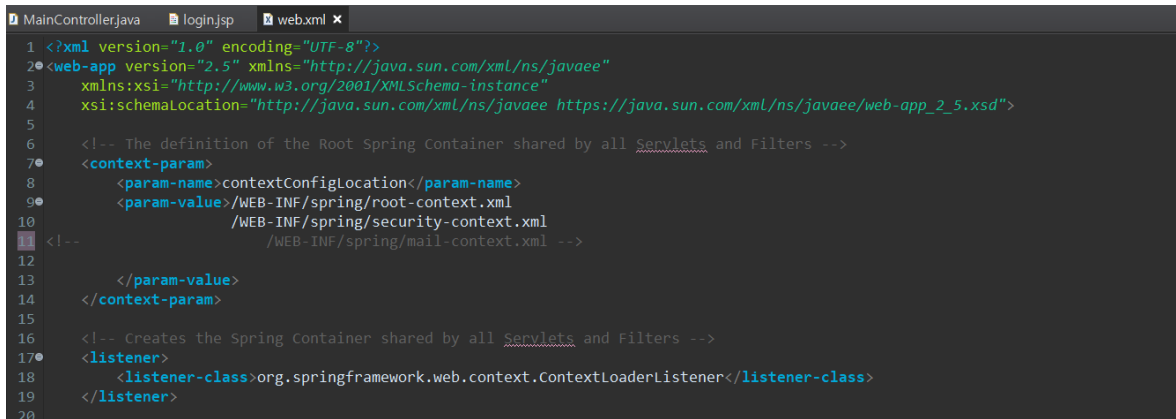
## Spring Mini Project[A Glory]

### ▼ Spring Security 환경설정

#### pom.xml 설정

```
<dependency>
  <groupId>org.springframework.security</groupId>
  <artifactId>spring-security-web</artifactId>
  <version>5.4.6</version>
</dependency>
<!-- https://mvnrepository.com/artifact/org.springframework.security/spring-security-config -->
<dependency>
  <groupId>org.springframework.security</groupId>
  <artifactId>spring-security-config</artifactId>
  <version>5.4.6</version>
</dependency>
<!-- https://mvnrepository.com/artifact/org.springframework.security/spring-security-taglibs -->
<dependency>
  <groupId>org.springframework.security</groupId>
  <artifactId>spring-security-taglibs</artifactId>
  <version>5.4.6</version>
</dependency>
```

#### web.xml 설정



```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <web-app version="2.5" xmlns="http://java.sun.com/xml/ns/javaee"
3   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4   xsi:schemaLocation="http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app_2_5.xsd">
5
6   <!-- The definition of the Root Spring Container shared by all Servlets and Filters -->
7   <context-param>
8     <param-name>contextConfigLocation</param-name>
9     <param-value>/WEB-INF/spring/root-context.xml
10    /WEB-INF/spring/security-context.xml
11  <!-- /WEB-INF/spring/mail-context.xml -->
12
13   </param-value>
14   </context-param>
15
16   <!-- Creates the Spring Container shared by all Servlets and Filters -->
17   <listener>
18     <listener-class>org.springframework.web.context.ContextLoaderListener</listener-class>
19   </listener>
20
```

```
<filter>
  <filter-name>springSecurityFilterChain</filter-name>
  <filter-class>org.springframework.web.filter.DelegatingFilterProxy</filter-class>
</filter>
<filter-mapping>
  <filter-name>springSecurityFilterChain</filter-name>
  <url-pattern>/*</url-pattern>
</filter-mapping>
```

#### security-context 설정

```

<?xml version="1.0" encoding="UTF-8"?>
<beans
  xmlns="http://www.springframework.org/schema/beans"
  xmlns:security="http://www.springframework.org/schema/security"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://www.springframework.org/schema/beans
http://www.springframework.org/schema/beans/spring-beans.xsd
http://www.springframework.org/schema/security
http://www.springframework.org/schema/security/spring-security.xsd">

  <!-- 각각의 intercept-url, form-login, logout 은 내부적으로 Filter를 만들어 사용한다. -->
  <!-- 그래서 web.xml에서 이 모든걸 엮어줄 FilterChain을 따로 설정해준다. -->
  <!-- web.xml에서 사용하는 FilterChain의 대한 설정부분이다. -->
  <security:http use-expressions="true">
    <!-- <http auto-config="true" use-expressions="true"> 기본 로그인 창 사용시 -->
    <!-- <security:intercept-url pattern="/cars/add/**" access="hasAuthority('ROLE_ADMIN')"/> ADMIN만 허용 -->
    <!-- <security:intercept-url pattern="/boards/board" access="isAuthenticated()"/> -->
    <!-- <security:intercept-url pattern="/boards/addBoard" access="isAuthenticated()"/> -->
    <!-- <security:intercept-url pattern="/manager" access="hasRole('ROLE_MANAGER')"/> MANAGER만 허용 -->
    <!-- <security:intercept-url pattern="/member" access="isAuthenticated()"/> 로그인한 사람만 허용 -->
    <security:intercept-url pattern="/**" access="permitAll"/> <!-- 전체 허용 -->

    <security:form-login login-page="/login"
      default-target-url="/member/list"
      authentication-failure-url="/loginfailed"
      username-parameter="username"
      password-parameter="password"/>

    <security:csrf/>

    <security:logout logout-success-url="/logout"/>

  </security:http>

  <!-- <authentication-manager> -->
  <!-- <authentication-provider> -->
  <!-- <user-service> -->
  <!-- <user name="admin" password="{noop}admin" authorities="ROLE_ADMIN, ROLE_USER"/> -->
  <!-- <user name="manager" password="{noop}manager" authorities="ROLE_MANAGER, ROLE_USER"/> -->
  <!-- <user name="guest" password="{noop}guest" authorities="ROLE_USER"/> -->
  <!-- </user-service> -->
  <!-- </authentication-provider> -->
  <!-- </authentication-manager> -->

  <!-- 암호화를 위한 passwordEncoder -->
  <bean id="bcryptpasswordEncoder" class="org.springframework.security.crypto.bcrypt.BCryptPasswordEncoder"></bean>

  <!-- DB연동은 data-source만 지정해주면 된다 -->
  <!-- 로그인시 입력한 아이디(username), 암호(password)의 일치 여부를 따로 클래스로 만들어 구현하는 방법도 있으나 -->
  <!-- 아래와 같이 비교 인증 절차를 Spring Security 에 일임하는 것이 편하다. -->
  <security:authentication-manager alias="authenticationManager">
    <security:authentication-provider>
      <security:password-encoder hash="bcrypt"/>
      <security:jdbc-user-service data-source-ref="dataSource"
        users-by-username-query="SELECT username, password, enabled FROM glorymember WHERE username=?"
        authorities-by-username-query="SELECT username, authority FROM glorymember WHERE username=?"
      />
      <security:password-encoder ref="bcryptpasswordEncoder"></security:password-encoder>
    </security:authentication-provider>
  </security:authentication-manager>

  <!-- 이것만 있으면 JDBC 코드 (Connection, Statement,ResultSet)로 DB연결 가능 -->
  <!-- 이미 root-context.xml에서 연결시켜놓았기 때문에 주석처리해도 된다. -->
  <!-- <bean id="dataSource" -->
  <!-- class="org.apache.commons.dbcp2.BasicDataSource" -->
  <!-- destroy-method="close"> -->
  <!-- <property name="driverClassName" -->
  <!-- value="com.mysql.cj.jdbc.Driver" /> -->
  <!-- <property name="url" value="jdbc:mysql://localhost:3306/difbfl4751?characterEncoding=utf8" /> -->
  <!-- <property name="username" value="difbfl4751" /> -->
  <!-- <property name="password" value="kdy3529216" /> -->
  <!-- <property name="defaultAutoCommit" value="true" /> -->
  <!-- </bean> -->

</beans>

```

## ▼ Spring Security

### MainController.java

```
package com.glory.main;

import org.springframework.stereotype.Controller;
import org.springframework.web.bind.annotation.RequestMapping;

@Controller
public class MainController {

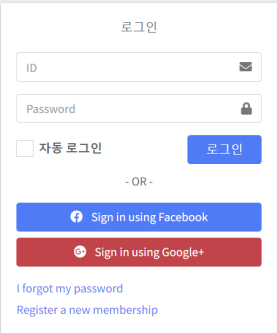
    @RequestMapping("/main")
    public String main() {
        return "main";
    }

    @RequestMapping("/")
    public String loginMain() {
        return "login";
    }

    @RequestMapping("/loginfailed")
    public String loginfailedMain() {
        return "login";
    }

}
```

### login.jsp



```
<%@ page language="java" contentType="text/html; charset=UTF-8" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>방문을 환영합니다.</title>

<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">

<link rel="stylesheet" href="/resources/admin/plugins/fontawesome-free/css/all.min.css">

<link rel="stylesheet" href="/resources/admin/plugins/icheck-bootstrap/icheck-bootstrap.min.css">

<link rel="stylesheet" href="/resources/admin/dist/css/adminlte.min.css?v=3.2.0">

<script nonce="8f51ebdc-ca93-4059-bc7f-56a6ddc02f55">(function(w,d){!function(a,b,c,d){a[c]=a[c]||{};a[c].executed=[];a.zaraz={defi
</script>
<body class="hold-transition login-page">
```

```

<div class="login-box">
<div class="login-logo">
<a href="/resources/admin/index2.html"><b>Glory</b></a>
</div>

<div class="card">
<div class="card-body login-card-body">
<p class="login-box-msg">로그인</p>
<form action="/login" method="post">
<div class="input-group mb-3">
<input type="email" class="form-control" name="username" placeholder="ID">
<div class="input-group-append">
<div class="input-group-text">
<span class="fas fa-envelope"></span>
</div>
</div>
</div>
<div class="input-group mb-3">
<input type="password" class="form-control" name="password" placeholder="Password">
<div class="input-group-append">
<div class="input-group-text">
<span class="fas fa-lock"></span>
</div>
</div>
</div>
<div class="row">
<div class="col-8">
<div class="checkbox-primary">
<input type="checkbox" id="remember">
<label for="remember">
자동 로그인
</label>
</div>
</div>
</div>

<div class="col-4">
<input type="hidden" name="{_csrf.parameterName}" value="{_csrf.token}"/>
<button type="submit" class="btn btn-primary btn-block">로그인</button>
</div>

</div>
</form>
<div class="social-auth-links text-center mb-3">
<p>- OR -</p>
<a href="#" class="btn btn-block btn-primary">
<i class="fab fa-facebook mr-2"></i> Sign in using Facebook
</a>
<a href="#" class="btn btn-block btn-danger">
<i class="fab fa-google-plus mr-2"></i> Sign in using Google+
</a>
</div>

<p class="mb-1">
<a href="forgot-password.html">I forgot my password</a>
</p>
<p class="mb-0">
<a href="register.html" class="text-center">Register a new membership</a>
</p>
</div>

</div>
</div>

<script src="/resources/admin/plugins/jquery/jquery.min.js"></script>

<script src="/resources/admin/plugins/bootstrap/js/bootstrap.bundle.min.js"></script>

<script src="/resources/admin/dist/js/adminlte.min.js?v=3.2.0"></script>
</body>
</html>

```

## MemberController.java(수정)

```

@Autowired
BCryptPasswordEncoder bCryptPasswordEncoder;

@PostMapping("/addMember")
public String submitAddMemberForm(@ModelAttribute("NewMember") Member member) {

    //Spring은 기본적으로 password를 암호화하여 DB에 등록해야만 로그인을 할 수 있도록 설정되어 있다.
}

```

```

String encodedPassword = bCryptPasswordEncoder.encode(member.getPassword());
member.setPassword(encodedPassword);

memberService.setNewMember(member);

// User user = userService.existUsername(board.getBwriter());

// String to = user.getUemail();
// String subject = board.getBwriter() + "님의 게시물에 등록되었습니다.";
// String body = board.getBcontent();

// mailService.sendMail(to, subject, body);

return "redirect:/member/list";
}

```

## ▼ View(JSP)

### header.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<!--
This is a starter template page. Use this page to start your new project from
scratch. This page gets rid of all links and provides the needed markup only.
-->
<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>AdminLTE 3 | Starter</title>

<!-- Google Font: Source Sans Pro -->
<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">
<!-- Font Awesome Icons -->
<link rel="stylesheet" href="/resources/admin/plugins/fontawesome-free/css/all.min.css">
<!-- Theme style -->
<link rel="stylesheet" href="/resources/admin/dist/css/adminlte.min.css">
</head>
<body class="hold-transition sidebar-mini">
<div class="wrapper">

<!-- Navbar -->
<nav class="main-header navbar navbar-expand navbar-white navbar-light">
<!-- Left navbar links -->
<ul class="navbar-nav">
<li class="nav-item">
<a class="nav-link" data-widget="pushmenu" href="#" role="button"><i class="fas fa-bars"></i></a>
</li>
<li class="nav-item d-none d-sm-inline-block">
<a href="index3.html" class="nav-link">Home</a>
</li>
<li class="nav-item d-none d-sm-inline-block">
<a href="#" class="nav-link">Contact</a>
</li>
</ul>

<!-- Right navbar links -->
<ul class="navbar-nav ml-auto">
<!-- Navbar Search -->
<li class="nav-item">
<a class="nav-link" data-widget="navbar-search" href="#" role="button">
<i class="fas fa-search"></i>
</a>
<div class="navbar-search-block">
<form class="form-inline">
<div class="input-group input-group-sm">
<input class="form-control form-control-navbar" type="search" placeholder="Search" aria-label="Search">
<div class="input-group-append">
<button class="btn btn-navbar" type="submit">
<i class="fas fa-search"></i>
</button>
<button class="btn btn-navbar" type="button" data-widget="navbar-search">
<i class="fas fa-times"></i>
</button>
</div>
</div>

```

```

        </div>
    </form>
</div>
</li>

<!-- Messages Dropdown Menu -->
<li class="nav-item dropdown">
    <a class="nav-link" data-toggle="dropdown" href="#">
        <i class="far fa-comments"></i>
        <span class="badge badge-danger navbar-badge">3</span>
    </a>
    <div class="dropdown-menu dropdown-menu-lg dropdown-menu-right">
        <a href="#" class="dropdown-item">
            <!-- Message Start -->
            <div class="media">
                
                <div class="media-body">
                    <h3 class="dropdown-item-title">
                        Brad Diesel
                        <span class="float-right text-sm text-danger"><i class="fas fa-star"></i></span>
                    </h3>
                    <p class="text-sm">Call me whenever you can...</p>
                    <p class="text-sm text-muted"><i class="far fa-clock mr-1"></i> 4 Hours Ago</p>
                </div>
            </div>
            <!-- Message End -->
        </a>
        <div class="dropdown-divider"></div>
        <a href="#" class="dropdown-item">
            <!-- Message Start -->
            <div class="media">
                
                <div class="media-body">
                    <h3 class="dropdown-item-title">
                        John Pierce
                        <span class="float-right text-sm text-muted"><i class="fas fa-star"></i></span>
                    </h3>
                    <p class="text-sm">I got your message bro</p>
                    <p class="text-sm text-muted"><i class="far fa-clock mr-1"></i> 4 Hours Ago</p>
                </div>
            </div>
            <!-- Message End -->
        </a>
        <div class="dropdown-divider"></div>
        <a href="#" class="dropdown-item">
            <!-- Message Start -->
            <div class="media">
                
                <div class="media-body">
                    <h3 class="dropdown-item-title">
                        Nora Silvester
                        <span class="float-right text-sm text-warning"><i class="fas fa-star"></i></span>
                    </h3>
                    <p class="text-sm">The subject goes here</p>
                    <p class="text-sm text-muted"><i class="far fa-clock mr-1"></i> 4 Hours Ago</p>
                </div>
            </div>
            <!-- Message End -->
        </a>
        <div class="dropdown-divider"></div>
        <a href="#" class="dropdown-item dropdown-footer">See All Messages</a>
    </div>
</li>

<!-- Notifications Dropdown Menu -->
<li class="nav-item dropdown">
    <a class="nav-link" data-toggle="dropdown" href="#">
        <i class="far fa-bell"></i>
        <span class="badge badge-warning navbar-badge">15</span>
    </a>
    <div class="dropdown-menu dropdown-menu-lg dropdown-menu-right">
        <span class="dropdown-header">15 Notifications</span>
        <div class="dropdown-divider"></div>
        <a href="#" class="dropdown-item">
            <i class="fas fa-envelope mr-2"></i> 4 new messages
            <span class="float-right text-muted text-sm">3 mins</span>
        </a>
        <div class="dropdown-divider"></div>
        <a href="#" class="dropdown-item">
            <i class="fas fa-users mr-2"></i> 8 friend requests
            <span class="float-right text-muted text-sm">12 hours</span>
        </a>
        <div class="dropdown-divider"></div>
        <a href="#" class="dropdown-item">
            <i class="fas fa-file mr-2"></i> 3 new reports
            <span class="float-right text-muted text-sm">2 days</span>
        </a>
        <div class="dropdown-divider"></div>

```

```

        <a href="#" class="dropdown-item dropdown-footer">See All Notifications</a>
    </div>
</li>
<li class="nav-item">
    <a class="nav-link" data-widget="fullscreen" href="#" role="button">
        <i class="fas fa-expand-arrows-alt"></i>
    </a>
</li>
<li class="nav-item">
    <a class="nav-link" data-widget="control-sidebar" data-slide="true" href="#" role="button">
        <i class="fas fa-th-large"></i>
    </a>
</li>
</ul>
</nav>
<!-- /.navbar -->

<!-- Main Sidebar Container -->
<aside class="main-sidebar sidebar-dark-primary elevation-4">
    <!-- Brand Logo -->
    <a href="index3.html" class="brand-link">
        
        <span class="brand-text font-weight-light">Glory</span>
    </a>

    <!-- Sidebar -->
    <div class="sidebar">
        <!-- Sidebar user panel (optional) -->
        <div class="user-panel mt-3 pb-3 mb-3 d-flex">
            <div class="image">
                
            </div>
            <div class="info">
                <a href="#" class="d-block">ADMIN</a>
            </div>
        </div>

        <!-- SidebarSearch Form -->
        <div class="form-inline">
            <div class="input-group" data-widget="sidebar-search">
                <input class="form-control form-control-sidebar" type="search" placeholder="Search" aria-label="Search">
                <div class="input-group-append">
                    <button class="btn btn-sidebar">
                        <i class="fas fa-search fa-fw"></i>
                    </button>
                </div>
            </div>
        </div>

        <!-- Sidebar Menu -->
        <nav class="mt-2">
            <ul class="nav nav-pills nav-sidebar flex-column" data-widget="treeview" role="menu" data-accordion="false">

                <li class="nav-item"><a href="#" class="nav-link">
                    <i class="nav-icon far fa-envelope"></i>
                    <p>
                        공지메뉴 <i class="fas fa-angle-left right"></i>
                    </p>
                </a>
                <ul class="nav nav-treeview">
                    <li class="nav-item"><a href="/notice/list"
                        class="nav-link"> <i class="far fa-circle nav-icon"></i>
                        <p>공지사항</p>
                    </a></li>
                    <li class="nav-item"><a href="/notice/addNotice"
                        class="nav-link"> <i class="far fa-circle nav-icon"></i>
                        <p>공지사항 등록</p>
                    </a></li>
                </ul>
            </ul></nav>

            <ul class="nav nav-pills nav-sidebar flex-column" data-widget="treeview" role="menu" data-accordion="false">

                <li class="nav-item"><a href="#" class="nav-link">
                    <i class="nav-icon fas fa-edit"></i>
                    <p>
                        회원메뉴 <i class="fas fa-angle-left right"></i>
                    </p>
                </a>
                <ul class="nav nav-treeview">
                    <li class="nav-item"><a href="/"
                        class="nav-link"> <i class="far fa-circle nav-icon"></i>
                        <p>로그인</p>
                    </a></li>
                    <li class="nav-item"><a href="/member/addMember"
                        class="nav-link"> <i class="far fa-circle nav-icon"></i>
                        <p>회원가입</p>
                    </a></li>
                </ul>
            </ul>
        </div>
    </div>

```

```

        <li class="nav-item"><a href="/member/list"
            class="nav-link"> <i class="far fa-circle nav-icon"></i>
            <p>회원목록</p>
        </a></li>
    </ul>
</ul></nav>

    <ul class="nav nav-pills nav-sidebar flex-column" data-widget="treeview" role="menu" data-accordion="false">

        <li class="nav-item"><a href="#" class="nav-link">
            <i class="nav-icon fas fa-table"></i>
            <p>
                커뮤니티 <i class="fas fa-angle-left right"></i>
            </p>
        </a>
        <ul class="nav nav-treeview">
            <li class="nav-item"><a href="/boards/list"
                class="nav-link"> <i class="far fa-circle nav-icon"></i>
                <p>게시판</p>
            </a></li>
            <li class="nav-item"><a href="/boards/addBoard"
                class="nav-link"> <i class="far fa-circle nav-icon"></i>
                <p>글 등록</p>
            </a></li>
        </ul>
    </ul></nav>

    <!-- /.sidebar-menu -->
</div>
<!-- /.sidebar -->
</aside>

```

## footer.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8" pageEncoding="UTF-8"%>
<!-- Control Sidebar -->
<aside class="control-sidebar control-sidebar-dark">
    <!-- Control sidebar content goes here -->
    <div class="p-3">
        <h5>메뉴</h5>
        <p>내용</p>
    </div>
</aside>
<!-- /.control-sidebar -->

<!-- Main Footer -->
<footer class="main-footer">
    <!-- To the right -->
    <div class="float-right d-none d-sm-inline">
        Everything Everywhere
    </div>
    <!-- Default to the left -->
    <strong>Copyright &copy; 2021-2023 <a href="#">Glory</a>. </strong> All rights reserved.
</footer>
</div>
<!-- ./wrapper -->

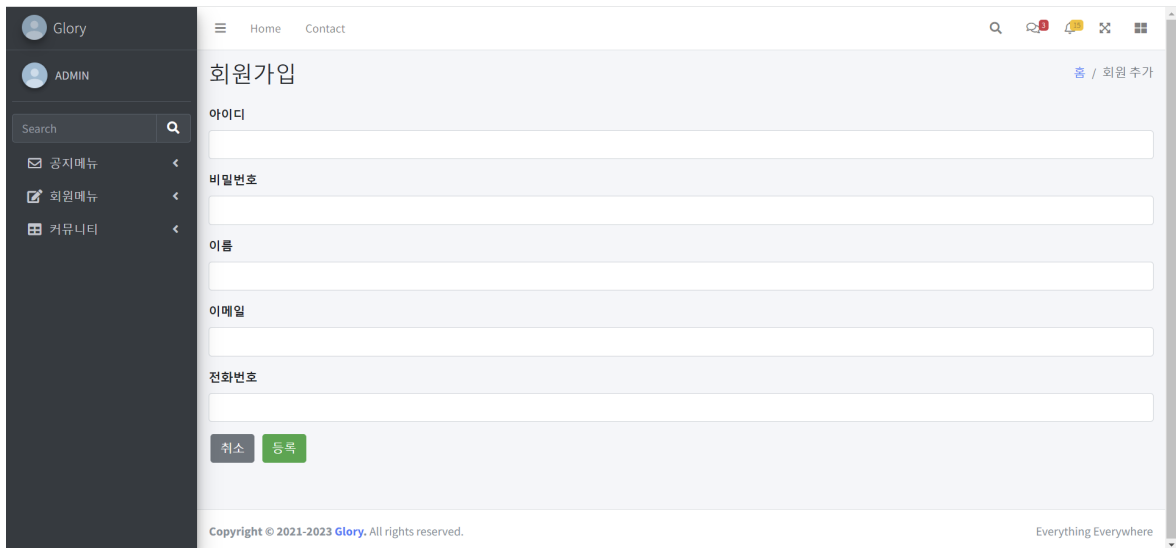
<!-- REQUIRED SCRIPTS -->

<!-- jQuery -->
<script src="/resources/admin/plugins/jquery/jquery.min.js"></script>
<!-- Bootstrap 4 -->
<script src="/resources/admin/plugins/bootstrap/js/bootstrap.bundle.min.js"></script>
<!-- AdminLTE App -->
<script src="/resources/admin/dist/js/adminlte.min.js"></script>
</body>
</html>

```

## addMember.jsp





```
<%@ include file="../header.jsp"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<%@ taglib uri="http://www.springframework.org/tags/form" prefix="form"%>
<%@ taglib uri="http://www.springframework.org/security/tags"
    prefix="sec"%>

<head>
<title>회원가입</title>

</head>
<body class="text-center">

<!-- Content Wrapper. Contains page content -->
<div class="content-wrapper">
<!-- Content Header (Page header) -->
<div class="content-header">
<div class="container-fluid">
<div class="row mb-2">
<div class="col-sm-6">
<h1 class="m-0">회원가입</h1>
</div>
<!-- /.col -->
<div class="col-sm-6">
<ol class="breadcrumb float-sm-right">
<li class="breadcrumb-item"><a href="#">홈</a></li>
<li class="breadcrumb-item active">회원 추가</li>
</ol>
</div>
<!-- /.col -->
</div>
<!-- /.row -->
</div>
<!-- /.container-fluid -->
</div>
<!-- /.content-header -->

<!-- Main content -->
<div class="content">
<div class="container-fluid">
<div class="row">
<div class="col-lg-12">

<!------- form ----->

<fieldset>
<form:form modelAttribute="NewMember"
    action="/addMember?${_csrf.parameterName}=${_csrf.token}"
    class="form-horizontal" method="post">
```

```

<div class="form-group">
  <label for="inputName">아이디</label>
  <form:input path="username" class="form-control" />
</div>
<div class="form-group">
  <label for="inputName">비밀번호</label>
  <form:input path="password" type="password"
    class="form-control" />
</div>
<div class="form-group">
  <label for="inputName">이름</label>
  <form:input path="mname" class="form-control" />
</div>
<div class="form-group">
  <label for="inputName">이메일</label>
  <form:input path="memail" class="form-control" />
</div>
<div class="form-group">
  <label for="inputName">전화번호</label>
  <form:input path="mtel" class="form-control" />
</div>

<div class="row">
  <a href="#" style="margin-left: 10px;" class="btn btn-secondary">취소</a>
  <input type="submit" style="margin-left: 10px;"
    value="등록" class="btn btn-success float-right">
</div>

</form:form>
</fieldset>

<!-- form end -->
</div>
</div>
</div>
</div>
</div>

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

```

## addBoard.jsp

```

<%@ include file="../header.jsp"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
  pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<%@ taglib uri="http://www.springframework.org/tags/form" prefix="form"%>
<%@ taglib uri="http://www.springframework.org/security/tags"

```

```

    prefix="sec"%>
<head>
<title>게시판 등록</title>

</head>
<body class="text-center">

    <!-- Content Wrapper. Contains page content -->
    <div class="content-wrapper">
        <!-- Content Header (Page header) -->
        <div class="content-header">
            <div class="container-fluid">
                <div class="row mb-2">
                    <div class="col-sm-6">
                        <h1 class="m-0">게시판 등록</h1>
                    </div>
                    <!-- /.col -->
                    <div class="col-sm-6">
                        <ol class="breadcrumb float-sm-right">
                            <li class="breadcrumb-item"><a href="#">홈</a></li>
                            <li class="breadcrumb-item active">게시판 등록</li>
                        </ol>
                    </div>
                    <!-- /.col -->
                </div>
            </div>
            <!-- /.row -->
        </div>
        <!-- /.container-fluid -->
    </div>
    <!-- /.content-header -->

    <!-- Main content -->
    <div class="content">
        <div class="container-fluid">
            <div class="row">
                <div class="col-lg-12">

                    <!------- form ----->
                    <fieldset>
                        <form:form modelAttribute="NewBoard" action="./addBoard?${_csrf.parameterName}=${_csrf.token}" class="form-horizontal" method="POST">

                            <form:input path="bwriter" type="hidden" value="admin" class="form-control" />

                            <div class="card-body">
                                <div class="form-group">
                                    <label for="inputName">제목</label>
                                    <form:input path="bttitle" class="form-control" />
                                </div>
                                <div class="form-group">
                                    <label for="inputDescription">내용</label>
                                    <form:textarea path="bcontent" class="form-control" rows="10"/>
                                </div>
                                <div class="form-group">
                                    <label for="inputStatus">유형</label>
                                    <form:select path="bcate" class="form-control custom-select">
                                        <option selected disabled>선택하세요</option>
                                        <option>버그처리</option>
                                        <option>신규기능</option>
                                        <option>기타</option>
                                    </form:select>
                                </div>
                            </div>

                            <div class="row" style="padding-bottom: 30px; padding-left: 30px;">
                                <a href="#" class="btn btn-secondary">취소</a>
                                <input style="margin-left: 10px;" type="submit" value="등록" class="btn btn-success float-right">
                            </div>
                        </form:form>
                    </fieldset>

                    <!------- form end ----->
                </div>
            </div>
        </div>
    </div>

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

```

## addNotice.jsp

```
<%@ include file="../header.jsp"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<%@ taglib uri="http://www.springframework.org/tags/form" prefix="form"%>
<%@ taglib uri="http://www.springframework.org/security/tags"
    prefix="sec"%>
<head>
<title>공지사항 등록</title>
</head>
<body class="text-center">

<!-- Content Wrapper. Contains page content -->
<div class="content-wrapper">
    <!-- Content Header (Page header) -->
    <div class="content-header">
        <div class="container-fluid">
            <div class="row mb-2">
                <div class="col-sm-6">
                    <h1 class="m-0">공지사항 등록</h1>
                </div>
                <!-- /.col -->
                <div class="col-sm-6">
                    <ol class="breadcrumb float-sm-right">
                        <li class="breadcrumb-item"><a href="#">홈</a></li>
                        <li class="breadcrumb-item active">공지사항 등록</li>
                    </ol>
                </div>
                <!-- /.col -->
            </div>
        </div>
    <!-- /.content-header -->

    <!-- Main content -->
    <div class="content">
        <div class="container-fluid">
            <div class="row">
                <div class="col-lg-12">

                    <!-- form -->
                    <fieldset>
                        <form:form modelAttribute="NewNotice"
                            action="/addNotice?${_csrf.parameterName}=${_csrf.token}"
                            class="form-horizontal" method="post">
```

```

<form:input path="nwriter" type="hidden" value="admin"
class="form-control" />
<div class="card-body">
  <div class="form-group">
    <label for="inputName">제목</label>
    <form:input path="ntitle" class="form-control" />
  </div>
  <div class="form-group">
    <label for="inputDescription">내용</label>
    <form:textarea path="ncontent" class="form-control" rows="10" />
  </div>
  <div class="form-group">
    <label for="inputStatus">유형</label>
    <form:select path="ncate" class="form-control custom-select">
      <option selected disabled>선택하세요</option>
      <option>일반</option>
      <option>행사</option>
      <option>기타</option>
    </form:select>
  </div>
</div>

<div class="row"
style="padding-bottom: 30px; padding-left: 30px;">
  <a href="#" class="btn btn-secondary">취소</a> <input
style="margin-left: 10px;" type="submit" value="등록"
class="btn btn-success float-right">
</div>
</form:form>
</fieldset>

<!------- form end ----->
</div>
</div>
</div>
</div>
</div>

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

```

## board\_SQL.xml(수정)

```

<select id="select_list" resultType="com.glory.board.Board">
<![CDATA[
  SELECT * FROM gloryboard WHERE bpid IS NOT NULL ORDER BY bid DESC
]]>
</select>

```

## list.jsp(Member)

Glory

ADMIN

Search

공지메뉴

회원메뉴

커뮤니티

Home Contact

회원목록

Copy CSV Excel PDF Print Column visibility

Search:

번호	아이디	권한	이름	메일	전화	등록일
1	회원	ROLE_USER	kim	111@111	010	2023-03-27 16:11:16
2	admin	ROLE_USER	admin	admin	010-1234-5395	2023-03-28 09:49:24
3	admin1	ROLE_USER	admin	admin	010-1234-5395	2023-03-28 10:50:03

Showing 1 to 3 of 3 entries

Previous 1 Next

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Everything Everywhere

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<%@ taglib uri="http://www.springframework.org/tags/form" prefix="form"%>
<%@ taglib uri="http://www.springframework.org/security/tags"
    prefix="sec"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>회원목록</title>

<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">

<link rel="stylesheet" href="/resources/admin/plugins/fontawesome-free/css/all.min.css">

<link rel="stylesheet" href="/resources/admin/plugins/datatables-bs4/css/dataTables.bootstrap4.min.css">
<link rel="stylesheet" href="/resources/admin/plugins/datatables-responsive/css/responsive.bootstrap4.min.css">
<link rel="stylesheet" href="/resources/admin/plugins/datatables-buttons/css/buttons.bootstrap4.min.css">

<link rel="stylesheet" href="/resources/admin/dist/css/adminlte.min.css?v=3.2.0">

</head>
<body>

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

<!-- Content Wrapper. Contains page content -->
<div class="content-wrapper">
  <!-- Content Header (Page header) -->
  <div class="content-header">
    <div class="container-fluid">
      <div class="row mb-2">
        <div class="col-sm-6">
          <h1 class="m-0">회원목록</h1>
        </div><!-- /.col -->
        <div class="col-sm-6">
          <ol class="breadcrumb float-sm-right">
            <li class="breadcrumb-item"><a href="#">홈</a></li>
            <li class="breadcrumb-item active">회원목록</li>
          </ol>
        </div>
      </div>
    </div>
  </div>

```

```

        </div><!-- /.col -->
    </div><!-- /.row -->
</div><!-- /.container-fluid -->
</div>
<!-- /.content-header -->

    <!-- Main content -->
    <div class="content">
        <div class="container-fluid">
            <div class="row">
                <div class="col-lg-12">

<!------- form ----->

<table id="example1" class="table table-bordered table-striped">
    <thead>
        <tr>
            <th>번호</th>
            <th>아이디</th>
            <th>권한</th>
            <th>이름</th>
            <th>메일</th>
            <th>전화</th>
            <th>등록일</th>
        </tr>
    </thead>
    <tbody>
        <c:forEach items="{memberList}" var="member">
            <tr>
                <td><a href="/detail?id={member.mid}">{member.mid}</a></td>
                <td>{member.username}</td>
                <td>{member.authority}</td>
                <td>{member.mname}</td>
                <td>{member.memail}</td>
                <td>{member.mtel}</td>
                <td>{member.mdate}</td>
            </tr>

        </c:forEach>

    </tbody>
    <tfoot>
        <tr>
            <th>번호</th>
            <th>아이디</th>
            <th>권한</th>
            <th>이름</th>
            <th>메일</th>
            <th>전화</th>
            <th>등록일</th>
        </tr>
    </tfoot>
</table>

<!------- form end ----->

        </div>

        <!-- /.col-md-12 -->
    </div>
    <!-- /.row -->
</div><!-- /.container-fluid -->
</div>
<!-- /.content -->
</div>
<!-- /.content-wrapper -->

```

```

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

<script src="/resources/admin/plugins/datatables/jquery.dataTables.min.js"></script>
<script src="/resources/admin/plugins/datatables-bs4/js/dataTables.bootstrap4.min.js"></script>
<script src="/resources/admin/plugins/datatables-responsive/js/dataTables.responsive.min.js"></script>
<script src="/resources/admin/plugins/datatables-responsive/js/responsive.bootstrap4.min.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/dataTables.buttons.min.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/buttons.bootstrap4.min.js"></script>
<script src="/resources/admin/plugins/jszip/jszip.min.js"></script>
<script src="/resources/admin/plugins/pdfmake/pdfmake.min.js"></script>
<script src="/resources/admin/plugins/pdfmake/vfs_fonts.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/buttons.html5.min.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/buttons.print.min.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/buttons.colVis.min.js"></script>

<script>
$(function () {
    $("#example1").DataTable({
        "responsive": true, "lengthChange": false, "autoWidth": false,
        "buttons": ["copy", "csv", "excel", "pdf", "print", "colvis"]
    }).buttons().container().appendTo('#example1_wrapper .col-md-6:eq(0)');
    $('#example2').DataTable({
        "paging": true,
        "lengthChange": false,
        "searching": false,
        "ordering": true,
        "info": true,
        "autoWidth": false,
        "responsive": true,
    });
});
</script>

</body>
</html>

```

## list.jsp(Board)

The screenshot displays a web application interface for a board (게시판). On the left, a dark sidebar shows the user 'Glory' and 'ADMIN' status, along with navigation links for '공지메뉴' (Notice Menu), '회원메뉴' (Member Menu), and '커뮤니티' (Community). The main content area features a search bar and a table of board entries. The table has columns for '번호' (Number), '분류' (Category), '상태' (Status), '제목' (Title), '작성자' (Author), and '날짜' (Date). Two entries are visible: entry 8 is '버그처리' (Bug fix) by 'safesae' with status 0, and entry 9 is '하이' (Hi) by 'admin' with status 1. Below the table, it says 'Showing 1 to 2 of 2 entries' with 'Previous', '1', and 'Next' pagination links. The footer includes 'Copyright © 2021-2023 Glory. All rights reserved.' and 'Everything Everywhere'.

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<%@ taglib uri="http://www.springframework.org/tags/form" prefix="form"%>
<%@ taglib uri="http://www.springframework.org/security/tags"
    prefix="sec"%>
<!DOCTYPE html>
<html>

```



```

<head>
<meta charset="UTF-8">
<title>게시판</title>

<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">

<link rel="stylesheet" href="/resources/admin/plugins/fontawesome-free/css/all.min.css">

<link rel="stylesheet" href="/resources/admin/plugins/datatables-bs4/css/dataTables.bootstrap4.min.css">
<link rel="stylesheet" href="/resources/admin/plugins/datatables-responsive/css/responsive.bootstrap4.min.css">
<link rel="stylesheet" href="/resources/admin/plugins/datatables-buttons/css/buttons.bootstrap4.min.css">

<link rel="stylesheet" href="/resources/admin/dist/css/adminlte.min.css?v=3.2.0">

</head>
<body>

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

<!-- Content Wrapper. Contains page content -->
<div class="content-wrapper">
  <!-- Content Header (Page header) -->
  <div class="content-header">
    <div class="container-fluid">
      <div class="row mb-2">
        <div class="col-sm-6">
          <h1 class="m-0">게시판</h1>
        </div><!-- /.col -->
        <div class="col-sm-6">
          <ol class="breadcrumb float-sm-right">
            <li class="breadcrumb-item"><a href="#">홈</a></li>
            <li class="breadcrumb-item active">게시판</li>
          </ol>
        </div><!-- /.col -->
      </div><!-- /.row -->
    </div><!-- /.container-fluid -->
  </div>
  <!-- /.content-header -->

  <!-- Main content -->
  <div class="content">
    <div class="container-fluid">
      <div class="row">
        <div class="col-lg-12">

<!------- form ----->

<table id="example1" class="table table-bordered table-striped">
<thead>
<tr>
<th>번호</th>
<th>분류</th>
<th>상태</th>
<th>제목</th>
<th>작성자</th>
<th>날짜</th>
</tr>
</thead>
<tbody>
<c:forEach items="${boardList}" var="board">
<tr>
<td><a href="/detail?id=${board.bid}">${board.bid}</a></td>

```

```

<td>${board.bcate}</td>
<td>${board.bstatus}</td>
<td>${board.btitle}</td>
<td>${board.bwriter}</td>
<td>${board.bdate}</td>
</tr>

</c:forEach>

</tbody>
</tfoot>
</tr>
<th>번호</th>
<th>분류</th>
<th>상태</th>
<th>제목</th>
<th>작성자</th>
<th>날짜</th>
</tr>
</tfoot>
</table>

<!------- form end ----->

</div>

<!-- /.col-md-12 -->
</div>
<!-- /.row -->
</div><!-- /.container-fluid -->
</div>
<!-- /.content -->
</div>
<!-- /.content-wrapper -->

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

<script src="/resources/admin/plugins/datatables/jquery.dataTables.min.js"></script>
<script src="/resources/admin/plugins/datatables-bs4/js/dataTables.bootstrap4.min.js"></script>
<script src="/resources/admin/plugins/datatables-responsive/js/dataTables.responsive.min.js"></script>
<script src="/resources/admin/plugins/datatables-responsive/js/responsive.bootstrap4.min.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/dataTables.buttons.min.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/buttons.bootstrap4.min.js"></script>
<script src="/resources/admin/plugins/jszip/jszip.min.js"></script>
<script src="/resources/admin/plugins/pdfmake/pdfmake.min.js"></script>
<script src="/resources/admin/plugins/pdfmake/vfs_fonts.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/buttons.html5.min.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/buttons.print.min.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/buttons.colVis.min.js"></script>

<script>
$(function () {
    $('#example1').DataTable({
        "responsive": true, "lengthChange": false, "autoWidth": false,
        "buttons": ["copy", "csv", "excel", "pdf", "print", "colvis"]
    }).buttons().container().appendTo('#example1_wrapper .col-md-6:eq(0)');
    $('#example2').DataTable({
        "paging": true,
        "lengthChange": false,
        "searching": false,
        "ordering": true,
        "info": true,
        "autoWidth": false,
        "responsive": true,
    });
});
</script>

```

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

## list.jsp(Notice)

Glory ADMIN

Home Contact

공지사항

Copy CSV Excel PDF Print Column visibility

Search:

번호	분류	제목	작성자	날짜
1	일반	공지사항.	admin	2023-03-27 14:48:18
2	일반	공지사항.	admin	2023-03-27 14:49:00
3	일반	공지사항등록.	admin	2023-03-28 11:39:51

Showing 1 to 3 of 3 entries

Previous 1 Next

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```
<%@ include file="../header.jsp"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<%@ taglib uri="http://www.springframework.org/tags/form" prefix="form"%>
<%@ taglib uri="http://www.springframework.org/security/tags"
    prefix="sec"%>
<head>
<title>공지사항</title>

</head>
<body class="text-center">

<!-- Content Wrapper. Contains page content -->
<div class="content-wrapper">
<!-- Content Header (Page header) -->
<div class="content-header">
<div class="container-fluid">
<div class="row mb-2">
<div class="col-sm-6">
<h1 class="m-0">공지사항</h1>
</div>
<!-- /.col -->
<div class="col-sm-6">
<ol class="breadcrumb float-sm-right">
<li class="breadcrumb-item"><a href="#">홈</a></li>
<li class="breadcrumb-item active">공지사항</li>
</ol>
</div>
<!-- /.col -->
</div>
<!-- /.row -->
</div>
<!-- /.container-fluid -->
</div>
<!-- /.content-header -->

<!-- Main content -->
<div class="content">
<div class="container-fluid">
<div class="row">
<div class="col-lg-12">

<!------- form ----->
<fieldset>
```

```

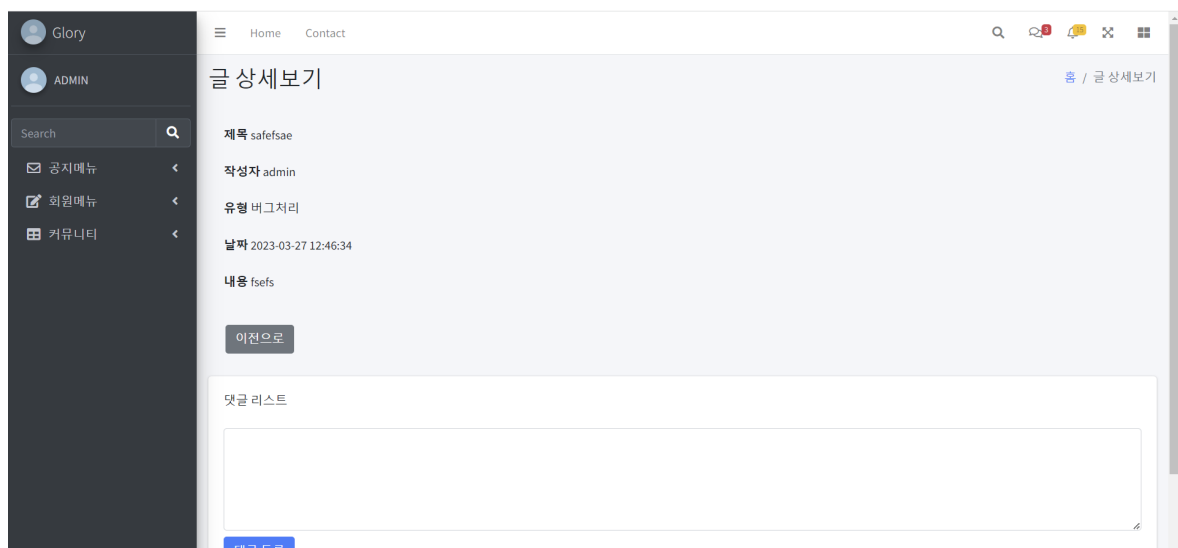
<div class="card-body">
  <div class="form-group">
    <label for="inputName">제목</label>
    ${notice.ntitle}
  </div>
  <div class="form-group">
    <label for="inputDescription">작성자</label>
    ${notice.nwriter}
  </div>
  <div class="form-group">
    <label for="inputStatus">유형</label>
    ${notice.ncate}
  </div>
  <div class="form-group">
    <label for="inputStatus">날짜</label>
    ${notice.ndate}
  </div>
  <div class="form-group">
    <label for="inputDescription">내용</label>
    ${notice.ncontent}
  </div>
</div>

<div class="row" style="padding-bottom: 30px; padding-left: 30px;">
  <a onclick="history.back()" class="btn btn-secondary">이전으로</a>
</div>
</fieldset>

<!------- form end ----->
</div>
</div>
</div>
</div>
</div>
<div>
  <%@ include file="../footer.jsp"%>
</body>
</html>

```

## board.jsp



```

<%@ include file="../header.jsp"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<%@ taglib uri="http://www.springframework.org/tags/form" prefix="form"%>
<%@ taglib uri="http://www.springframework.org/security/tags"
    prefix="sec"%>

```

```

<head>
<title>글 상세보기</title>

</head>
<body class="text-center">

  <!-- Content Wrapper. Contains page content -->
  <div class="content-wrapper">
    <!-- Content Header (Page header) -->
    <div class="content-header">
      <div class="container-fluid">
        <div class="row mb-2">
          <div class="col-sm-6">
            <h1 class="m-0">글 상세보기</h1>
          </div>
          <!-- /.col -->
          <div class="col-sm-6">
            <ol class="breadcrumb float-sm-right">
              <li class="breadcrumb-item"><a href="#">홈</a></li>
              <li class="breadcrumb-item active">글 상세보기</li>
            </ol>
          </div>
          <!-- /.col -->
        </div>
      </div>
    <!-- /.content-header -->

    <!-- Main content -->
    <div class="content">
      <div class="container-fluid">
        <div class="row">
          <div class="col-lg-12">

            <!------- form ----->
            <fieldset>

              <div class="card-body">
                <div class="form-group">
                  <label for="inputName">제목</label>
                  ${board.btitle}
                </div>
                <div class="form-group">
                  <label for="inputDescription">작성자</label>
                  ${board.bwriter}
                </div>
                <div class="form-group">
                  <label for="inputStatus">유형</label>
                  ${board.bcate}
                </div>
                <div class="form-group">
                  <label for="inputStatus">날짜</label>
                  ${board.bdate}
                </div>
                <div class="form-group">
                  <label for="inputDescription">내용</label>
                  ${board.bcontent}
                </div>
              </div>

              <div class="row" style="padding-bottom: 30px; padding-left: 30px;">
                <a onclick="history.back()" class="btn btn-secondary">이전으로</a>
              </div>
            </fieldset>

            <!-- 댓글 -->
            <div class="card">
              <div class="card-body">
                댓글 리스트
                <br><br>
                <!-- <b>${cnt}</b>개의 답변이 있습니다. -->
                <!-- <c:forEach items="${replyList}" var="reply"> -->

                <!-- <div class="card"> -->
                <!-- <div class="card-header"> -->
                <!-- ${reply.bwriter} -->
                <!-- </div> -->
                <!-- <div class="card-body"> -->

```

```

<!-- <blockquote class="blockquote mb-0"> -->
<!-- <p>${reply.bcontent}</p> --%>
<!-- <footer class="blockquote-footer">${reply.bdate}</footer> --%>
<!-- </blockquote> -->
<!-- </div> -->
<!-- </div> -->

<!-- <br> -->

<!-- </c:forEach> --%>

<!-- 댓글 등록 -->
<sec:authentication property="principal" var="user"/>
<input id="boardWriter" type="hidden" value="${board.bwriter}" />
<input id="bwriter" type="hidden" value="${member.username}" />
<input id="bid" type="hidden" name="bid" value="${board.bid}" />
<textarea name="bcontent" id="bcontent" rows="5" class="form-control"></textarea>
<input type="button" class="btn btn-primary my-2" onclick="replyNewFunction()" value="댓글 등록">

</div>
</div>
<!-- 댓글 -->

<!------- form end ----->
</div>
</div>
</div>
</div>
</div>

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

<script type="text/javascript">

function replyNewFunction() {
$.ajax({
type:"POST",
url:"/boards/replyNew",
data:{
boardWriter : document.getElementById('boardWriter').value,
bid : document.getElementById('bid').value,
bwriter : document.getElementById('bwriter').value,
bcontent : document.getElementById('bcontent').value,
},
beforeSend : function(xhr)
{ /*데이터를 전송하기 전에 헤더에 csrf값을 설정한다*/
xhr.setRequestHeader("${_csrf.headerName}", "${_csrf.token}");
},
success:function(result) {
alert("답변 등록 성공");
},
error:function(request, status, error) {
alert(request.status + " " + request.responseText);
}
})

window.location.reload();
}

function checkFunction(bid, check) {
$.ajax({
type:"POST",
url:"/boards/check",
data:{
bid : bid,
check : check
},
beforeSend : function(xhr)
{ /*데이터를 전송하기 전에 헤더에 csrf값을 설정한다*/
xhr.setRequestHeader("${_csrf.headerName}", "${_csrf.token}");
},
success:function(result) {
window.location.reload();
},
error:function(request, status, error) {
alert(request.status + " " + request.responseText);
}
})
}

```

```

    })

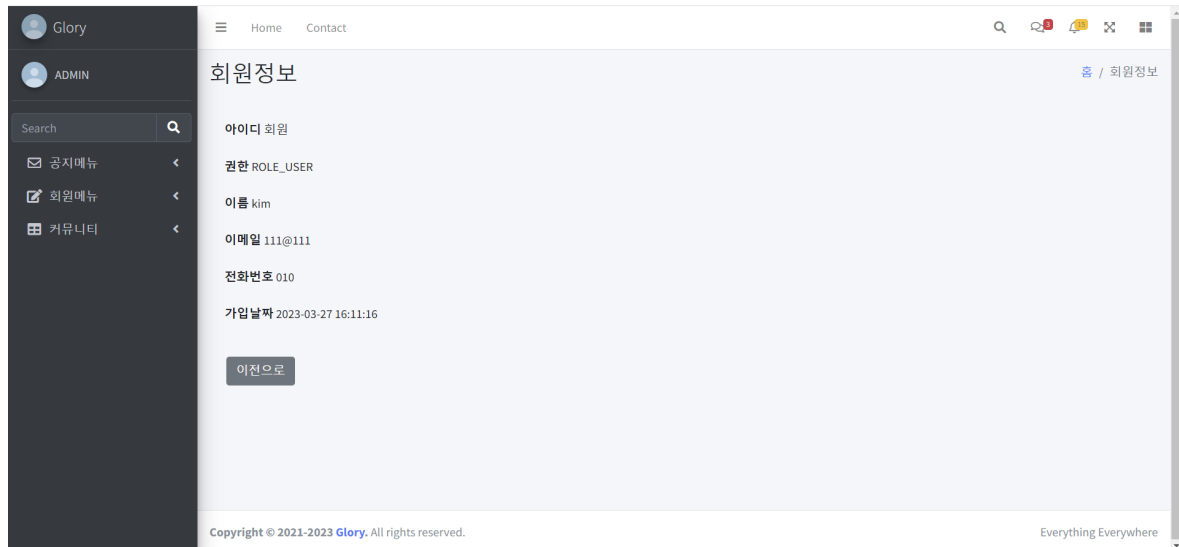
}

</script>

</html>

```

## member.jsp



```

<%@ include file="../header.jsp"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<%@ taglib uri="http://www.springframework.org/tags/form" prefix="form"%>
<%@ taglib uri="http://www.springframework.org/security/tags"
    prefix="sec"%>
<head>
<title>회원정보</title>

</head>
<body class="text-center">

<!-- Content Wrapper. Contains page content -->
<div class="content-wrapper">
<!-- Content Header (Page header) -->
<div class="content-header">
<div class="container-fluid">
<div class="row mb-2">
<div class="col-sm-6">
<h1 class="m-0">회원정보</h1>
</div>
<!-- /.col -->
<div class="col-sm-6">
<ol class="breadcrumb float-sm-right">
<li class="breadcrumb-item"><a href="#">홈</a></li>
<li class="breadcrumb-item active">회원정보</li>
</ol>
</div>
<!-- /.col -->
</div>
<!-- /.row -->
</div>
<!-- /.container-fluid -->
</div>
<!-- /.content-header -->

<!-- Main content -->
<div class="content">
<div class="container-fluid">

```

```

<div class="row">
  <div class="col-lg-12">

<!------- form ----->
<fieldset>

  <div class="card-body">
    <div class="form-group">
      <label for="inputName">아이디</label>
      ${member.username}
    </div>
    <div class="form-group">
      <label for="inputDescription">권한</label>
      ${member.authority}
    </div>
    <div class="form-group">
      <label for="inputStatus">이름</label>
      ${member.mname}
    </div>
    <div class="form-group">
      <label for="inputStatus">이메일</label>
      ${member.memail}
    </div>
    <div class="form-group">
      <label for="inputDescription">전화번호</label>
      ${member.mtel}
    </div>
    <div class="form-group">
      <label for="inputDescription">가입날짜</label>
      ${member.mdate}
    </div>
  </div>

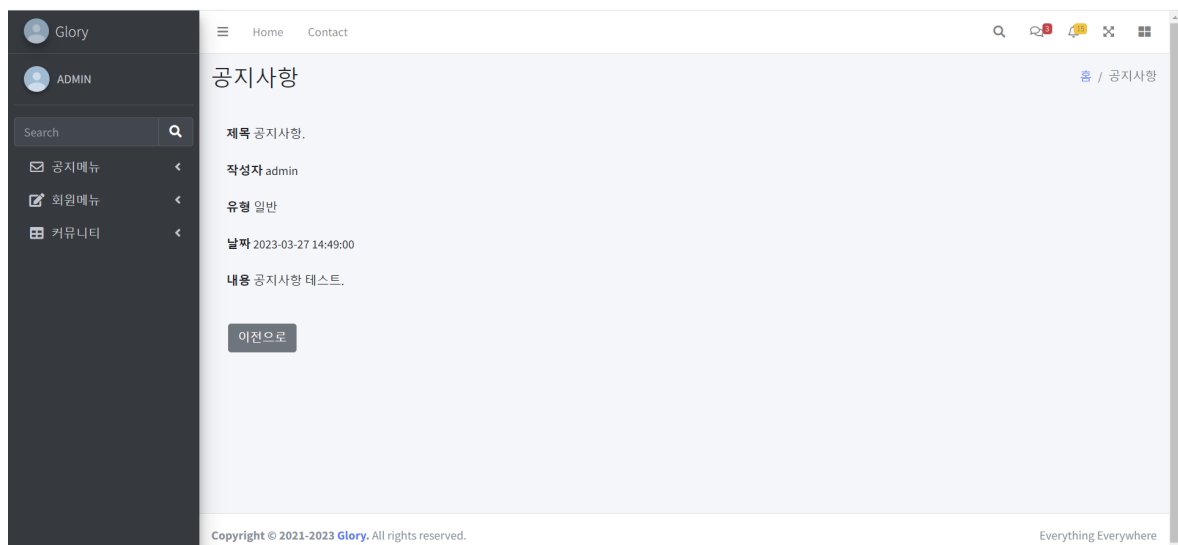
  <div class="row" style="padding-bottom: 30px; padding-left: 30px;">
    <a onclick="history.back()" class="btn btn-secondary">이전으로</a>
  </div>
</fieldset>

<!------- form end ----->
  </div>
</div>
</div>
</div>
</div>

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

```

## notice.jsp





```

<%@ include file="../header.jsp"%>
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<%@ taglib uri="http://www.springframework.org/tags/form" prefix="form"%>
<%@ taglib uri="http://www.springframework.org/security/tags"
    prefix="sec"%>
<head>
<title>공지사항</title>

</head>
<body class="text-center">

    <!-- Content Wrapper. Contains page content -->
    <div class="content-wrapper">
        <!-- Content Header (Page header) -->
        <div class="content-header">
            <div class="container-fluid">
                <div class="row mb-2">
                    <div class="col-sm-6">
                        <h1 class="m-0">공지사항</h1>
                    </div>
                    <!-- /.col -->
                    <div class="col-sm-6">
                        <ol class="breadcrumb float-sm-right">
                            <li class="breadcrumb-item"><a href="#">홈</a></li>
                            <li class="breadcrumb-item active">공지사항</li>
                        </ol>
                    </div>
                    <!-- /.col -->
                </div>
            <!-- /.row -->
        </div>
        <!-- /.content-header -->

        <!-- Main content -->
        <div class="content">
            <div class="container-fluid">
                <div class="row">
                    <div class="col-lg-12">

                        <!-- form -->
                        <fieldset>

                            <div class="card-body">
                                <div class="form-group">
                                    <label for="inputName">제목</label>
                                    ${notice.ntitle}
                                </div>
                                <div class="form-group">
                                    <label for="inputDescription">작성자</label>
                                    ${notice.nwriter}
                                </div>
                                <div class="form-group">
                                    <label for="inputStatus">유형</label>
                                    ${notice.ncate}
                                </div>
                                <div class="form-group">
                                    <label for="inputStatus">날짜</label>
                                    ${notice.ndate}
                                </div>
                                <div class="form-group">
                                    <label for="inputDescription">내용</label>
                                    ${notice.ncontent}
                                </div>
                            </div>

                            <div class="row" style="padding-bottom: 30px; padding-left: 30px;">
                                <a onclick="history.back()" class="btn btn-secondary">이전으로</a>
                            </div>
                        </fieldset>

                        <!-- form end -->
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

</div>
</div>

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

```

## ▼ C R U D(UpdateStatus)

### list.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<%@ taglib uri="http://www.springframework.org/tags/form" prefix="form"%>
<%@ taglib uri="http://www.springframework.org/security/tags"
    prefix="sec"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>게시판</title>

<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">
<link rel="stylesheet" href="/resources/admin/plugins/fontawesome-free/css/all.min.css">

<link rel="stylesheet" href="/resources/admin/plugins/datatables-bs4/css/dataTables.bootstrap4.min.css">
<link rel="stylesheet" href="/resources/admin/plugins/datatables-responsive/css/responsive.bootstrap4.min.css">
<link rel="stylesheet" href="/resources/admin/plugins/datatables-buttons/css/buttons.bootstrap4.min.css">

<link rel="stylesheet" href="/resources/admin/dist/css/adminlte.min.css?v=3.2.0">

</head>
<body>

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

<!-- Content Wrapper. Contains page content -->
<div class="content-wrapper">
<!-- Content Header (Page header) -->
<div class="content-header">
<div class="container-fluid">
<div class="row mb-2">
<div class="col-sm-6">
<h1 class="m-0">게시판</h1>
</div><!-- /.col -->
<div class="col-sm-6">
<ol class="breadcrumb float-sm-right">
<li class="breadcrumb-item"><a href="#">홈</a></li>
<li class="breadcrumb-item active">게시판</li>
</ol>
</div><!-- /.col -->
</div><!-- /.row -->
</div><!-- /.container-fluid -->
</div>
<!-- /.content-header -->

<!-- Main content -->
<div class="content">
<div class="container-fluid">
<div class="row">
<div class="col-lg-12">

```

```

<!------- form ----->

<table id="example1" class="table table-bordered table-striped">
<thead>
<tr>
<th>번호</th>
<th>분류</th>
<th>상태</th>
<th>제목</th>
<th>작성자</th>
<th>날짜</th>
</tr>
</thead>
<tbody>
<c:forEach items="${boardList}" var="board">
<tr>
<td><a href="/detail?id=${board.bid}">${board.bid}</a></td>
<td>${board.bcate}</td>
<td><select onchange="updateStatus('${board.bid}', this)">
<option selected=${board.bstatus}</option>
<option value=1>1: 신청완료</option>
<option value=2>2: 접수완료</option>
<option value=3>3: 처리중</option>
<option value=4>4: 처리완료</option>
<option value=5>5: 후속조치</option>
</select>
</td>
<td>${board.btitle}</td>
<td>${board.bwriter}</td>
<td>${board.bdate}</td>
</tr>
</c:forEach>

</tbody>
<tfoot>
<tr>
<th>번호</th>
<th>분류</th>
<th>상태</th>
<th>제목</th>
<th>작성자</th>
<th>날짜</th>
</tr>
</tfoot>
</table>

<!------- form end ----->

</div>

<!-- /.col-md-12 -->
</div>
<!-- /.row -->
</div><!-- /.container-fluid -->
</div>
<!-- /.content -->
</div>
<!-- /.content-wrapper -->

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

<script src="/resources/admin/plugins/datatables/jquery.dataTables.min.js"></script>
<script src="/resources/admin/plugins/datatables-bs4/js/dataTables.bootstrap4.min.js"></script>
<script src="/resources/admin/plugins/datatables-responsive/js/dataTables.responsive.min.js"></script>

```

```

<script src="/resources/admin/plugins/datatables-responsive/js/responsive.bootstrap4.min.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/dataTables.buttons.min.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/buttons.bootstrap4.min.js"></script>
<script src="/resources/admin/plugins/jszip/jszip.min.js"></script>
<script src="/resources/admin/plugins/pdfmake/pdfmake.min.js"></script>
<script src="/resources/admin/plugins/pdfmake/vfs_fonts.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/buttons.html5.min.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/buttons.print.min.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/buttons.colVis.min.js"></script>

<script>
$(function () {
    $('#example1').DataTable({
        "responsive": true, "lengthChange": false, "autoWidth": false,
        "buttons": ["copy", "csv", "excel", "pdf", "print", "colvis"]
    }).buttons().container().appendTo('#example1_wrapper .col-md-6:eq(0)');
    $('#example2').DataTable({
        "paging": true,
        "lengthChange": false,
        "searching": false,
        "ordering": true,
        "info": true,
        "autoWidth": false,
        "responsive": true,
    });
});

function updateStatus(bid, bstatus) {
    $.ajax({
        type: "POST",
        url: "/boards/list",
        data: {bid : bid,
            bstatus : bstatus.value
        },
        beforeSend : function(xhr)
        {
            xhr.setRequestHeader("${_csrf.headerName}", "${_csrf.token}");
        },
        success: function(result) {
            window.location.reload();
        },
        error: function(request, status, error) {
            alert(request.status + " " + request.responseText);
        }
    })
}

</script>

</body>
</html>

```

### BoardController.java

```

@PostMapping("/list")
public void UpdateStatus(@RequestParam Map<String, Object> status) {
    boardService.updateStatus(status);
}

```

### BoardService.java

```

void updateStatus(Map<String, Object> status);

```

### BoardServiceImpl.java

```
@Override
public void updateStatus(Map<String, Object> status) {
    boardRepository.updateStatus(status);
}
}
```

## BoardRepository.java

```
void updateStatus(Map<String, Object> status);
```

## BoardRepositoryImpl.java

```
@Override
public void updateStatus(Map<String, Object> status) {
    this.sqlSessionTemplate.update("board.update_Status", status);
}
}
```

## board\_SQL.xml

```
<update id="update_Status" parameterType="HashMap">
    UPDATE gloryboard SET bstatus=#{bstatus} WHERE bid = #{bid}
</update>
```

게시판

Copy CSV Excel PDF Print Column visibility

Search:

번호	분류	상태	제목	작성자	날짜
8	버그처리	4	safesae	admin	2023-03-27 12:46:34
9	버그처리	4	하이	admin	2023-03-28 11:31:06
10		5			2023-03-28 14:33:44
11		5			2023-03-28 14:34:12
번호	분류	상태	제목	작성자	날짜

Showing 1 to 4 of 4 entries

Previous 1 Next

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## ▼ C R U D(UpdateAuth)

list.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<%@ taglib uri="http://www.springframework.org/tags/form" prefix="form"%>
<%@ taglib uri="http://www.springframework.org/security/tags"
    prefix="sec"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>회원목록</title>

<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">

<link rel="stylesheet" href="/resources/admin/plugins/fontawesome-free/css/all.min.css">

<link rel="stylesheet" href="/resources/admin/plugins/datatables-bs4/css/dataTables.bootstrap4.min.css">
<link rel="stylesheet" href="/resources/admin/plugins/datatables-responsive/css/responsive.bootstrap4.min.css">
<link rel="stylesheet" href="/resources/admin/plugins/datatables-buttons/css/buttons.bootstrap4.min.css">

<link rel="stylesheet" href="/resources/admin/dist/css/adminlte.min.css?v=3.2.0">

</head>
<body>

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

<!-- Content Wrapper. Contains page content -->
<div class="content-wrapper">
  <!-- Content Header (Page header) -->
  <div class="content-header">
    <div class="container-fluid">
      <div class="row mb-2">
        <div class="col-sm-6">
          <h1 class="m-0">회원목록</h1>
        </div><!-- /.col -->
        <div class="col-sm-6">
          <ol class="breadcrumb float-sm-right">
            <li class="breadcrumb-item"><a href="#">홈</a></li>
            <li class="breadcrumb-item active">회원목록</li>
          </ol>
        </div><!-- /.col -->
      </div><!-- /.row -->
    </div><!-- /.container-fluid -->
  </div>
  <!-- /.content-header -->

  <!-- Main content -->
  <div class="content">
    <div class="container-fluid">
      <div class="row">
        <div class="col-lg-12">

<!------- form ----->

<table id="example1" class="table table-bordered table-striped">
<thead>
<tr>
<th>번호</th>
<th>아이디</th>

```

```

<th>권한</th>
<th>이름</th>
<th>메일</th>
<th>전화</th>
<th>등록일</th>
</tr>
</thead>
<tbody>
<c:forEach items="${memberList}" var="member">
<tr>
<td><a href="./detail?id=${member.mid}">${member.mid}</a></td>
<td>${member.username}</td>
<td><select onchange="updateAuth('${member.mid}', this)">
<option selected>${member.authority}</option>
<option value="ROLE_USER">ROLE_USER</option>
<option value="ROLE_MANAGER">ROLE_MANAGER</option>
<option value="ROLE_ADMIN">ROLE_ADMIN</option>
</select>
</td>
<td>${member.mname}</td>
<td>${member.memail}</td>
<td>${member.mtel}</td>
<td>${member.mdate}</td>
</tr>

</c:forEach>

</tbody>
<tfoot>
<tr>
<th>번호</th>
<th>아이디</th>
<th>권한</th>
<th>이름</th>
<th>메일</th>
<th>전화</th>
<th>등록일</th>
</tr>
</tfoot>
</table>

<!------- form end ----->

</div>

<!-- /.col-md-12 -->
</div>
<!-- /.row -->
</div><!-- /.container-fluid -->
</div>
<!-- /.content -->
</div>
<!-- /.content-wrapper -->

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

<script src="/resources/admin/plugins/datatables/jquery.dataTables.min.js"></script>
<script src="/resources/admin/plugins/datatables-bs4/js/dataTables.bootstrap4.min.js"></script>
<script src="/resources/admin/plugins/datatables-responsive/js/dataTables.responsive.min.js"></script>
<script src="/resources/admin/plugins/datatables-responsive/js/responsive.bootstrap4.min.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/dataTables.buttons.min.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/buttons.bootstrap4.min.js"></script>
<script src="/resources/admin/plugins/jszip/jszip.min.js"></script>
<script src="/resources/admin/plugins/pdfmake/pdfmake.min.js"></script>
<script src="/resources/admin/plugins/pdfmake/vfs_fonts.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/buttons.html5.min.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/buttons.print.min.js"></script>
<script src="/resources/admin/plugins/datatables-buttons/js/buttons.colVis.min.js"></script>

<script>
$(function () {

```

```

$("#example1").DataTable({
    "responsive": true, "lengthChange": false, "autoWidth": false,
    "buttons": ["copy", "csv", "excel", "pdf", "print", "colvis"]
}).buttons().container().appendTo('#example1_wrapper .col-md-6:eq(0)');
$('#example2').DataTable({
    "paging": true,
    "lengthChange": false,
    "searching": false,
    "ordering": true,
    "info": true,
    "autoWidth": false,
    "responsive": true,
});
});

function updateAuth(mid, Auth) {
    $.ajax({
        type: "POST",
        url: "/member/list",
        data: {mid : mid,
            authority : Auth.value
        },
        beforeSend : function(xhr)
        {
            xhr.setRequestHeader("${_csrf.headerName}", "${_csrf.token}");
        },
        success: function(result) {
            window.location.reload();
        },
        error: function(request, status, error) {
            alert(request.status + " " + request.responseText);
        }
    })
}

</script>

</body>
</html>

```

### MemberController.java

```

@PostMapping("/list")
public String updateAuth(@RequestParam Map<String, Object> auth) {
    memberService.updateAuth(auth);
    return "members/list";
}

```

### MemberService.java

```

void updateAuth(Map<String, Object> auth);

```

### MemberServiceImpl.java

```

@Override
public void updateAuth(Map<String, Object> auth) {
    memberRepository.updateAuth(auth);
}

```

### MemberRepository.java

```

void updateAuth(Map<String, Object> auth);

```



## MemberRepositoryImpl.java

```
@Override
public void updateAuth(Map<String, Object> auth) {
    this.sqlSessionTemplate.update("member.update_Auth", auth);
}
}
```

## member\_SQL.xml

```
<update id="update_Auth" parameterType="HashMap">

    UPDATE glorymember SET authority=#{authority} WHERE mid = #{mid}

</update>
```

회원목록

Copy CSV Excel PDF Print Column visibility

Search:

번호	아이디	권한	이름	메일	전화	등록일
1	회원	ROLE_ADMIN	kim	111@111	010	2023-03-27 16:11:16
2	admin	ROLE_ADMIN	admin	admin	010-1234-5395	2023-03-28 09:49:24
3	admin1	ROLE_ADMIN	admin	admin	010-1234-5395	2023-03-28 10:50:03

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## ▼ Main

### security-context.xml(수정)

```
<?xml version="1.0" encoding="UTF-8"?>
<beans
    xmlns="http://www.springframework.org/schema/beans"
    xmlns:security="http://www.springframework.org/schema/security"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://www.springframework.org/schema/beans
http://www.springframework.org/schema/beans/spring-beans.xsd
http://www.springframework.org/schema/security
http://www.springframework.org/schema/security/spring-security.xsd">

    <!-- 각각의 intercept-url, form-login, logout 은 내부적으로 Filter를 만들어 사용한다. -->
    <!-- 그래서 web.xml에서 이 모든걸 엮어줄 FilterChain을 따로 설정해준다. -->
    <!-- web.xml에서 사용하는 FilterChain의 대한 설정부분이다. -->
    <security:http use-expressions="true">
        <!-- <http auto-config="true" use-expressions="true"> 기본 로그인 창 사용시 -->
        <!-- <security:intercept-url pattern="/cars/add/**" access="hasAuthority('ROLE_ADMIN')"/> ADMIN만 허용 -->
        <!-- <security:intercept-url pattern="/boards/board" access="isAuthenticated()"/> -->
```

```

<!-- <security:intercept-url pattern="/boards/addBoard" access="isAuthenticated()" /> -->
<!-- <security:intercept-url pattern="/manager" access="hasRole('ROLE_MANAGER')"/> /> MANAGER만 허용 -->
<!-- <security:intercept-url pattern="/member" access="isAuthenticated()" /> 로그인한 사람만 허용 -->
<security:intercept-url pattern="/*" access="permitAll" /> <!-- 전체 허용 -->

<security:form-login login-page="/login"
    default-target-url="/main"
    authentication-failure-url="/loginfailed"
    username-parameter="username"
    password-parameter="password"/>

<security:csrf/>

<security:logout logout-success-url="/logout"/>

</security:http>

<!-- <authentication-manager> -->
<!-- <authentication-provider> -->
<!-- <user-service> -->
<!-- <user name="admin" password="{noop}admin" authorities="ROLE_ADMIN, ROLE_USER" /> -->
<!-- <user name="manager" password="{noop}manager" authorities="ROLE_MANAGER, ROLE_USER" /> -->
<!-- <user name="guest" password="{noop}guest" authorities="ROLE_USER" /> -->
<!-- </user-service> -->
<!-- </authentication-provider> -->
<!-- </authentication-manager> -->

<!-- 암호화를 위한 passwordEncoder -->
<bean id="bcryptpasswordEncoder" class="org.springframework.security.crypto.bcrypt.BCryptPasswordEncoder"></bean>

<!-- DB연동은 data-source만 지정해주면 된다 -->
<!-- 로그인시 입력한 아이디(username), 암호(password)의 일치 여부를 따로 클래스로 만들어 구현하는 방법도 있으나 -->
<!-- 아래와 같이 비교 인증 절차를 Spring Security 에 일임하는 것이 편하다. -->
<security:authentication-manager alias="authenticationManager">
    <security:authentication-provider>
        <security:password-encoder hash="bcrypt"/>
        <security:jdbc-user-service data-source-ref="dataSource"
            users-by-username-query="SELECT username, password, enabled FROM glorymember WHERE username=?"
            authorities-by-username-query="SELECT username, authority FROM glorymember WHERE username=?"
        />
        <security:password-encoder ref="bcryptpasswordEncoder"></security:password-encoder>
    </security:authentication-provider>
</security:authentication-manager>

<!-- 이것만 있으면 JDBC 코드 (Connection, Statement, ResultSet)로 DB연결 가능 -->
<!-- 이미 root-context.xml에서 연결시켜놓았기 때문에 주석처리해도 된다. -->
<!-- <bean id="dataSource" -->
<!-- class="org.apache.commons.dbcp2.BasicDataSource" -->
<!-- destroy-method="close"> -->
<!-- <property name="driverClassName" -->
<!-- value="com.mysql.cj.jdbc.Driver" /> -->
<!-- <property name="url" value="jdbc:mysql://localhost:3306/difbfl4751?characterEncoding=utf8" /> -->
<!-- <property name="username" value="difbfl4751" /> -->
<!-- <property name="password" value="비밀번호" /> -->
<!-- <property name="defaultAutoCommit" value="true" /> -->
<!-- </bean> -->

</beans>

```

## MainController.java

```

@Autowired
private BoardService boardService;

@RequestMapping("/main")
public String main(Model model) {

    List<Board> list = boardService.getAllBoardList();
    model.addAttribute("boardList", list);
    return "main";
}

@RequestMapping("/admin")
public String loginAdmin() {
    return "admin";
}

```

## main.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<%@ taglib uri="http://www.springframework.org/tags/form" prefix="form"%>
<%@ taglib uri="http://www.springframework.org/security/tags"
    prefix="sec"%>
<!DOCTYPE html>

<html lang="en">
<head>
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>Glory</title>

<link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">

<link rel="stylesheet" href="/resources/admin/plugins/fontawesome-free/css/all.min.css">

<link rel="stylesheet" href="/resources/admin/dist/css/adminlte.min.css?v=3.2.0">

<link rel="stylesheet"
    href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700&display=fallback">
<link rel="stylesheet"
    href="/resources/admin/plugins/fontawesome-free/css/all.min.css">
<link rel="stylesheet"
    href="/resources/admin/plugins/datatables-bs4/css/dataTables.bootstrap4.min.css">
<link rel="stylesheet"
    href="/resources/admin/plugins/datatables-responsive/css/responsive.bootstrap4.min.css">
<link rel="stylesheet"
    href="/resources/admin/plugins/datatables-buttons/css/buttons.bootstrap4.min.css">
<link rel="stylesheet"
    href="/resources/admin/dist/css/adminlte.min.css?v=3.2.0">

<script src="https://code.jquery.com/jquery-3.6.3.min.js"
    integrity="sha256-pvPw+upLPUjgMX0G+800xUf+/Im1MZjXxxg0cBQBxU="
    crossorigin="anonymous"></script>

<body class="hold-transition layout-top-nav">
<div class="wrapper">

<nav class="main-header navbar navbar-expand-md navbar-light navbar-white">
<div class="container">
<a href="/resources/admin/index3.html" class="navbar-brand">
Glory</span>
</a>
<button class="navbar-toggler order-1" type="button" data-toggle="collapse" data-target="#navbarCollapse" aria-controls="navbarCol
<span class="navbar-toggler-icon"></span>
</button>
<div class="collapse navbar-collapse order-3" id="navbarCollapse">

<ul class="navbar-nav">
<li class="nav-item">
<a href="/main" class="nav-link">Home</a>
</li>

<li class="nav-item">
<sec:authorize access="hasRole('ROLE_ADMIN')">
<li class="nav-item">
<a href="/admin" class="nav-link">관리메뉴</a>
</li>
<li class="nav-item dropdown">
<button class="btn btn-dark dropdown-toggle"
    data-bs-toggle="dropdown" aria-expanded="false">관리자메뉴</button>
<ul class="dropdown-menu dropdown-menu-dark">
<li><a class="dropdown-item" href="/users/list">회원목록</a></li>
<li><a class="dropdown-item" href="/cars/add">제품등록</a></li>
<li><a class="dropdown-item" href="/cars/product">제품관리</a></li>
</ul>
</li>
</sec:authorize>
</ul>

<form class="form-inline ml-0 ml-md-3">
<div class="input-group input-group-sm">
<input class="form-control form-control-navbar" type="search" placeholder="Search" aria-label="Search">
<div class="input-group-append">
<button class="btn btn-navbar" type="submit">
<i class="fas fa-search"></i>
</div>
</div>
</form>
</div>
</div>
```

```

</button>
</div>
</div>
</form>
</div>

<ul class="order-1 order-md-3 navbar-nav navbar-no-expand ml-auto">

<li class="nav-item dropdown">
<a class="nav-link" data-toggle="dropdown" href="#">
<i class="fas fa-comments"></i>
<span class="badge badge-danger navbar-badge">3</span>
</a>
<div class="dropdown-menu dropdown-menu-lg dropdown-menu-right">
<a href="#" class="dropdown-item">

<div class="media">

<div class="media-body">
<h3 class="dropdown-item-title">
Brad Diesel
<span class="float-right text-sm text-danger"><i class="fas fa-star"></i></span>
</h3>
<p class="text-sm">Call me whenever you can...</p>
<p class="text-sm text-muted"><i class="far fa-clock mr-1"></i> 4 Hours Ago</p>
</div>
</div>

</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">

<div class="media">

<div class="media-body">
<h3 class="dropdown-item-title">
John Pierce
<span class="float-right text-sm text-muted"><i class="fas fa-star"></i></span>
</h3>
<p class="text-sm">I got your message bro</p>
<p class="text-sm text-muted"><i class="far fa-clock mr-1"></i> 4 Hours Ago</p>
</div>
</div>

</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">

<div class="media">

<div class="media-body">
<h3 class="dropdown-item-title">
Nora Silvester
<span class="float-right text-sm text-warning"><i class="fas fa-star"></i></span>
</h3>
<p class="text-sm">The subject goes here</p>
<p class="text-sm text-muted"><i class="far fa-clock mr-1"></i> 4 Hours Ago</p>
</div>
</div>

</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item dropdown-footer">See All Messages</a>
</div>
</li>

<li class="nav-item dropdown">
<a class="nav-link" data-toggle="dropdown" href="#">
<i class="far fa-bell"></i>
<span class="badge badge-warning navbar-badge">15</span>
</a>
<div class="dropdown-menu dropdown-menu-lg dropdown-menu-right">
<span class="dropdown-header">15 Notifications</span>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">
<i class="fas fa-envelope mr-2"></i> 4 new messages
<span class="float-right text-muted text-sm">3 mins</span>
</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">
<i class="fas fa-users mr-2"></i> 8 friend requests
<span class="float-right text-muted text-sm">12 hours</span>
</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item">
<i class="fas fa-file mr-2"></i> 3 new reports
<span class="float-right text-muted text-sm">2 days</span>

```

```

</a>
<div class="dropdown-divider"></div>
<a href="#" class="dropdown-item dropdown-footer">See All Notifications</a>
</div>
</li>
<li class="nav-item">
<a class="nav-link" data-widget="control-sidebar" data-slide="true" href="#" role="button">
<i class="fas fa-th-large"></i>
</a>
</li>
</ul>
</div>
</nav>

<div class="content-wrapper">

<div class="content-header">
<div class="container">
<div class="row mb-2">
<div class="col-sm-6">
<h1 class="m-0"> Glory <small>[아파트 관리 시스템]</small></h1>
</div>
<div class="col-sm-6">
<ol class="breadcrumb float-sm-right">
<li class="breadcrumb-item"><a href="#">Home</a></li>
<li class="breadcrumb-item"><a href="#">Layout</a></li>
<li class="breadcrumb-item active">Top Navigation</li>
</ol>
</div>
</div>
</div>
</div>

<div class="content">
<div class="container">
<div class="row">
<div class="col-lg-6">
<div class="card">
<div class="card-body">
<!-- <h5 class="card-title">글 목록</h5>

</div>
</div>
<div class="card card-primary card-outline">
<div class="card-body">
<!-- <h5 class="card-title">글 목록</h5> -->

<table id="example2" class="table table-bordered table-striped">
<thead>
<tr>
<th>번호</th>
<th>분류</th>
<th>제목</th>
<th>상태</th>
</tr>
</thead>
<tbody>
<c:forEach items="${boardList}" var="board">
<tr>
<td><a href="/detail?id=${board.bid}">${board.bid}</a></td>
<td>${board.bcate}</td>
<td>${board.btitle}</td>
<td>${board.bstatus}</td>
</tr>

</c:forEach>

</tbody>
</table>

```

```

<!-- <p class="card-text"> -->
<!-- Some quick example text to build on the card title and make up the bulk of the card's -->
<!-- content. -->
<!-- </p> -->
<!-- <a href="#" class="card-link">Card link</a> -->
<!-- <a href="#" class="card-link">Another link</a> -->
</div>
</div>

<div class="col-lg-6">
<div class="card">
<div class="card-header">
<h5 class="card-title m-0">Featured</h5>
</div>
<div class="card-body">
<h6 class="card-title">Special title treatment</h6>
<p class="card-text">With supporting text below as a natural lead-in to additional content.</p>
<a href="#" class="btn btn-primary">Go somewhere</a>
</div>
</div>
<div class="card card-primary card-outline">
<div class="card-header">
<h5 class="card-title m-0">Featured</h5>
</div>
<div class="card-body">
<h6 class="card-title">Special title treatment</h6>
<p class="card-text">With supporting text below as a natural lead-in to additional content.</p>
<a href="#" class="btn btn-primary">Go somewhere</a>
</div>
</div>
</div>

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

<aside class="control-sidebar control-sidebar-dark">

</aside>

<footer class="main-footer">

<div class="float-right d-none d-sm-inline">
Anything you want
</div>

<strong>Copyright &copy; 2014-2021 <a href="https://adminlte.io">AdminLTE.io</a>.</strong> All rights reserved.
</footer>
</div>

<script src="/resources/admin/plugins/jquery/jquery.min.js"></script>

<script src="/resources/admin/plugins/bootstrap/js/bootstrap.bundle.min.js"></script>

<script src="/resources/admin/dist/js/adminlte.min.js?v=3.2.0"></script>

<script
src="/resources/admin/plugins/datatables/jquery.dataTables.min.js"></script>
<script
src="/resources/admin/plugins/datatables-bs4/js/dataTables.bootstrap4.min.js"></script>
<script
src="/resources/admin/plugins/datatables-responsive/js/dataTables.responsive.min.js"></script>
<script
src="/resources/admin/plugins/datatables-responsive/js/responsive.bootstrap4.min.js"></script>
<script
src="/resources/admin/plugins/datatables-buttons/js/dataTables.buttons.min.js"></script>
<script
src="/resources/admin/plugins/datatables-buttons/js/buttons.bootstrap4.min.js"></script>
<script src="/resources/admin/plugins/jszip/jszip.min.js"></script>

```


```

<script src="/resources/admin/plugins/pdfmake/pdfmake.min.js"></script>
<script src="/resources/admin/plugins/pdfmake/vfs_fonts.js"></script>
<script
  src="/resources/admin/plugins/datatables-buttons/js/buttons.html5.min.js"></script>
<script
  src="/resources/admin/plugins/datatables-buttons/js/buttons.print.min.js"></script>
<script
  src="/resources/admin/plugins/datatables-buttons/js/buttons.colVis.min.js"></script>

<script>
$(function() {
  $("#example1").DataTable(
    {
      "responsive" : true,
      "lengthChange" : false,
      "autoWidth" : false,
      "buttons" : [ "copy", "csv", "excel", "pdf", "print",
        "colvis" ]
    }
  ).buttons().container().appendTo(
    'example1_wrapper .col-md-6:eq(0)');
  $('#example2').DataTable({
    "paging" : true,
    "lengthChange" : false,
    "searching" : false,
    "ordering" : true,
    "info" : true,
    "autoWidth" : false,
    "responsive" : true,
  });
});
</script>

</body>
</html>

```


[Glory](#)
[Home](#)
[관리메뉴](#)
[관리자메뉴](#)

[Home](#) / [Layout](#) / [Top Navigation](#)

### Glory [아파트 관리 시스템]

번호	분류	제목	상태
8	버그처리	safesae	4
9	버그처리	하이	4

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Previous 1 Next

Featured

Special title treatment  
With supporting text below as a natural lead-in to additional content.

[Go somewhere](#)

Featured

Special title treatment  
With supporting text below as a natural lead-in to additional content.

[Go somewhere](#)

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