1. 테이블 생성

```
CREATE TABLE LETTEMP4 (
    TEMP_ID CHAR(20) NOT NULL
    , TEMP_VAL VARCHAR(100) NULL
);

ALTER TABLE LETTEMP4
ADD PRIMARY KEY (TEMP_ID);

ALTER TABLE LETTEMP4 COMMENT = '임시데이터저장소3';
ALTER TABLE LETTEMP4 CHANGE COLUMN TEMP_ID TEMP_ID CHAR(20) NO ALTER TABLE LETTEMP4 CHANGE COLUMN TEMP_VAL TEMP_VAL VARCHAR(
```

2. **DB연결**

context.xml(톰캣 서버)

```
<?xml version="1.0" encoding="UTF-8"?>
<!--
Licensed to the Apache Software Foundation (ASF) under one contributor license agreements. See the NOTICE file distrithis work for additional information regarding copyright ow The ASF licenses this file to You under the Apache License, (the "License"); you may not use this file except in complithe License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, distributed under the License is distributed on an "AS IS"
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either expres See the License for the specific language governing permiss.</pre>
```

```
limitations under the License.
--><!-- The contents of this file will be loaded for each web
    <!-- Default set of monitored resources. If one of these
    <!-- web application will be reloaded.
    <WatchedResource>WEB-INF/web.xml</WatchedResource>
    <WatchedResource>WEB-INF/tomcat-web.xml</WatchedResource>
    <WatchedResource>${catalina.base}/conf/web.xml</WatchedRe</pre>
    <!-- Uncomment this to disable session persistence across
    <!--
    <Manager pathname="" />
    <Resource name="jdbc/homepageDB" auth="Container" type="j</pre>
              driverClassName="net.sf.log4jdbc.sgl.jdbcapi.Dr
              url="jdbc:log4jdbc:mariadb://localhost:3306/hom
              username="homepage2024 user"
              password="homepage_pass"/>
</Context>
```

context-datasource.xml

```
</property>
    </bean>
    <!-- datasource 설정(propertyConfigurer 활용) -->
    <alias name="dataSource-${Globals.DbType}" alias="dataSou
    <alias name="dataSource-${Globals.DbType}" alias="egov.da</pre>
    <bean id="dataSource-mysql" class="org.springframework.jn</pre>
        roperty name="jndiName" value="java:comp/env/jdbc/h
    </bean>
   <!-- mysql -->
<!-- <bean id="dataSource-mysql" class="org.apache.common
             property name="driverClassName" value="${Global
<!--
            cproperty name="url" value="${Globals.Url}" /> -
<!--
<!--
             property name="username" value="${Globals.UserN}
<!--
             roperty name="password" value="${Globals.Passw}
<!-- </bean> -->
</beans>
```

globals.properties

```
globals properties : 시스템
#
#
#
   1. key = value 구조입니다.
      key값은 공백문자를 포함불가, value값은 공백문자를 가능
#
   2.
      key값으로 한글을 사용불가, value값은 한글사용이 가능
#
   3.
      줄을 바꿀 필요가 있으면 '\'를 라인의 끝에 추가(만약 '\'문자를
#
   4.
      Windows에서의 디렉토리 표시 : '\\' or '/' ('\' 사용하면 안!
      Unix에서의 디렉토리 표시 : '/'
#
   6.
  7. 주석문 처리는 #사용
#
   8. value값 뒤에 스페이스가 존재하는 경우 서블릿에서 참조할때는 에러!
#
```

```
# 운영서버 타입(WINDOWS, UNIX)
Globals.OsType = WINDOWS
# G4C 연결용 IP (localhost)
Globals LocalIp = 127.0.0.1
# DB서버 타입(mysql,oracle,altibase,tibero) - datasource 및 sql
Globals DbType=mysql
Globals UserName=homepage2024 user
Globals Password=homepage_pass
# mysql
Globals DriverClassName=net sf.log4jdbc.DriverSpy
Globals Url=jdbc:log4jdbc:mysql://127.0.0.1:3306/homepage2024
# MainPage Setting
Globals MainPage = /cmm/main/mainPage do
# 파일 확장자 화이트리스트(허용목록) : 파일 확장자를 (.)과 함께 연이어서
Globals fileUpload Extensions Images = .gif.jpg.jpeg.png
Globals fileUpload Extensions = .gif.jpg.jpeg.png.xls.xlsx
# File ID 암호화 키
# 주의 : 반드시 기본값 "egovframe"을 다른것으로 변경하여 사용하시기 바랍
Globals File algorithmKey = egovframe
```

pom.xml

```
<name>template-simple</name>
<url>http://www.egovframe.go.kr</url>
censes>
   license>
        <name>The Apache Software License, Version 2.0
        <url>http://www.apache.org/licenses/LICENSE-2.0.tl
   </license>
</licenses>
properties>
    <spring.maven.artifact.version>5.3.27</spring.maven.a</pre>
   <org.egovframe.rte.version>4.2.0
</properties>
<repositories>
   <repository>
        <id>mvn2s</id>
        <url>https://repo1.maven.org/maven2/</url>
        <releases>
           <enabled>true</enabled>
        </releases>
       <snapshots>
           <enabled>true</enabled>
        </snapshots>
   </repository>
   <repository>
        <id>egovframe</id>
        <url>https://maven.egovframe.go.kr/maven/</url>
        <releases>
           <enabled>true</enabled>
        </releases>
       <snapshots>
           <enabled>false/enabled>
        </snapshots>
   </repository>
</repositories>
```

```
<dependencies>
    <dependency>
        <groupId>org.egovframe.rte</groupId>
        <artifactId>org.egovframe.rte.ptl.mvc</artifactId</pre>
        <version>${org.egovframe.rte.version}</version>
    </dependency>
    <dependency>
        <groupId>org.egovframe.rte</groupId>
        <artifactId>org.egovframe.rte.psl.dataaccess</art.</pre>
        <version>${org.egovframe.rte.version}</version>
    </dependency>
    <dependency>
        <groupId>org.egovframe.rte</groupId>
        <artifactId>org.egovframe.rte.fdl.idgnr</artifact</pre>
        <version>${org.egovframe.rte.version}</version>
    </dependency>
    <dependency>
        <groupId>org.egovframe.rte</groupId>
        <artifactId>org.egovframe.rte.fdl.property</artif</pre>
        <version>${org.egovframe.rte.version}</version>
    </dependency>
    <dependency>
        <groupId>org.egovframe.rte</groupId>
        <artifactId>org.egovframe.rte.fdl.string</artifac</pre>
        <version>${org.egovframe.rte.version}</version>
    </dependency>
    <dependency>
        <groupId>org.egovframe.rte</groupId>
        <artifactId>org.egovframe.rte.fdl.crypto</artifac</pre>
        <version>${org.egovframe.rte.version}</version>
    </dependency>
    <dependency>
        <groupId>javax.servlet</groupId>
        <artifactId>javax.servlet-api</artifactId>
        <version>4.0.1
        <scope>provided</scope>
    </dependency>
```

```
<dependency>
    <groupId>javax.servlet.jsp.jstl</groupId>
    <artifactId>jstl-api</artifactId>
    <version>1.2</version>
</dependency>
<dependency>
    <groupId>org.apache.commons</groupId>
    <artifactId>commons-dbcp2</artifactId>
    <version>2.9.0</version>
</dependency>
<dependency>
    <groupId>commons-codec</groupId>
    <artifactId>commons-codec</artifactId>
    <version>1.15</version>
</dependency>
<dependency>
    <groupId>org.apache.taglibs</groupId>
    <artifactId>taglibs-standard-impl</artifactId>
    <version>1.2.5
</dependency>
<dependency>
    <groupId>cglib</groupId>
    <artifactId>cglib</artifactId>
    <version>3.3.0
</dependency>
<dependency>
    <groupId>org.antlr</groupId>
    <artifactId>antlr</artifactId>
    <version>3.5</version>
</dependency>
<dependency>
```

```
<groupId>org.apache.commons</groupId>
    <artifactId>commons-compress</artifactId>
    <version>1.23.0
</dependency>
<!-- mysql driver -->
<dependency>
    <groupId>mysql</groupId>
    <artifactId>mysql-connector-java</artifactId>
    <version>8.0.33</version>
</dependency>
<dependency>
    <groupId>com.googlecode.log4jdbc</groupId>
    <artifactId>log4jdbc</artifactId>
    <version>1.2</version>
   <exclusions>
       <exclusion>
           <artifactId>slf4j-api</artifactId>
           <groupId>org.slf4j</groupId>
       </exclusion>
    </exclusions>
</dependency>
<dependency>
    <groupId>commons-fileupload
    <artifactId>commons-fileupload</artifactId>
    <version>1.5</version>
</dependency>
<dependency>
    <groupId>javax.servlet.jsp</groupId>
    <artifactId>javax.servlet.jsp-api</artifactId>
    <version>2.3.3
    <scope>provided</scope>
</dependency>
<dependency>
```

```
<groupId>com.ibm.icu</groupId>
   <artifactId>icu4j</artifactId>
   <version>73.2</version>
</dependency>
<dependency>
   <groupId>org.eclipse</groupId>
   <artifactId>yasson</artifactId>
   <version>1.0.2
</dependency>
<dependency>
    <groupId>org.glassfish</groupId>
   <artifactId>javax.json</artifactId>
   <version>1.1.3
</dependency>
<dependency>
   <groupId>org.bgee.log4jdbc-log4j2</groupId>
    <artifactId>log4jdbc-log4j2-jdbc4.1</artifactId>
    <version>1.16</version>
</dependency>
<!-- Validator -->
<dependency>
   <groupId>javax.validation</groupId>
   <artifactId>validation-api</artifactId>
    <version>1.1.0 Final</version>
</dependency>
<dependency>
   <groupId>org.hibernate
   <artifactId>hibernate-validator</artifactId>
   <version>5.2.4 Final
</dependency>
<dependency>
   <groupId>net.sf</groupId>
   <artifactId>log4jdbc3</artifactId>
```

```
<version>1.1</version>
   </dependency>
   <dependency>
        <groupId>javax.xml.bind
        <artifactId>jaxb-api</artifactId>
        <version>2.3.0</version>
   </dependency>
</dependencies>
<build>
    <defaultGoal>install</defaultGoal>
   <directory>${basedir}/target</directory>
   <finalName>sht_webapp</finalName>
   <pluginManagement>
        <plugins>
            <plugin>
                <groupId>org.codehaus.cargo</groupId>
                <artifactId>cargo-maven3-plugin</artifact
                <version>1.10.7
                <configuration>
                    <container>
                        <containerId>tomcat8x</containerI</pre>
                        <type>embedded</type>
                    </container>
                    <configuration>
                        property name="cargo.servlet.por"
                    </configuration>
                </configuration>
            </plugin>
            <plugin>
                <groupId>org.apache.maven.plugins/groupI
                <artifactId>maven-compiler-plugin</artifa</pre>
                <version>3.11.0
                <configuration>
                    <source>1.8</source>
                    <target>1.8</target>
```

```
<encoding>UTF-8</encoding>
        <maxmem>1024m</maxmem>
    </configuration>
</plugin>
<plugin>
    <groupId>org.apache.maven.plugins</groupI</pre>
    <artifactId>maven-war-plugin</artifactId>
    <version>3.3.2</version>
    <configuration>
        <failOnMissingWebXml>false</failOnMis</pre>
    </configuration>
</plugin>
<plugin>
    <groupId>org.codehaus.mojo</groupId>
    <artifactId>hibernate3-maven-plugin</arti-</pre>
    <version>3.0</version>
    <configuration>
        <components>
            <component>
                <name>hbm2ddl</name>
                <implementation>annotationcon
            </component>
        </components>
    </configuration>
    <dependencies>
        <dependency>
            <groupId>org.hsqldb</groupId>
            <artifactId>hsqldb</artifactId>
            <version>2.7.2
        </dependency>
    </dependencies>
</plugin>
<!-- EMMA -->
<plugin>
    <groupId>org.codehaus.mojo</groupId>
    <artifactId>emma-maven-plugin</artifactId</pre>
    <version>1.0-alpha-3
</plugin>
```

```
<!-- PMD manven plugin -->
        <plugin>
            <groupId>org.apache.maven.plugins/groupI
            <artifactId>maven-pmd-plugin</artifactId>
            <version>3.21.0
        </plugin>
    </plugins>
</pluginManagement>
<plugins>
    <!-- EMMA -->
    <plugin>
        <groupId>org.apache.maven.plugins</groupId>
        <artifactId>maven-surefire-plugin</artifactId</pre>
        <version>3.1.2
        <configuration>
            <skipTests>true</skipTests>
           <forkMode>once</forkMode>
            <reportFormat>xml</reportFormat>
            <excludes>
                <exclude>**/Abstract*.java</exclude>
                <exclude>**/*Suite.java</exclude>
            </excludes>
            <includes>
                <include>**/*Test.java</include>
            </includes>
        </configuration>
    </plugin>
    <plugin>
        <groupId>org.codehaus.mojo</groupId>
        <artifactId>emma-maven-plugin</artifactId>
        <inherited>true</inherited>
    </plugin>
    <!-- JavaDoc -->
    <plugin>
        <groupId>org.apache.maven.plugins</groupId>
        <artifactId>maven-javadoc-plugin</artifactId>
        <version>3.5.0
    </plugin>
```

```
</plugins>
</build>
<reporting>
    <outputDirectory>${basedir}/target/site</outputDirect</pre>
    <plugins>
        <plugin>
            <groupId>org.apache.maven.plugins</groupId>
            <artifactId>maven-project-info-reports-plugin
            <version>3.4.4
            <reportSets>
                <reportSet>
                    <id>sunlink</id>
                    <reports>
                        <report>javadoc</report>
                    </reports>
                    <inherited>true</inherited>
                    <configuration>
                        links>
                            <link>https://docs.oracle.com
                        </links>
                    </configuration>
                </reportSet>
            </reportSets>
        </plugin>
        <!-- JUnit Test Results & EMMA Coverage Reporting
        <plugin>
            <groupId>org.codehaus.mojo</groupId>
            <artifactId>emma-maven-plugin</artifactId>
            <inherited>true</inherited>
        </plugin>
        <plugin>
            <groupId>org.codehaus.mojo</groupId>
            <artifactId>surefire-report-maven-plugin</art.</pre>
            <inherited>true</inherited>
            <reportSets>
                <reportSet>
                    <reports>
                        <report>report-only</report>
```

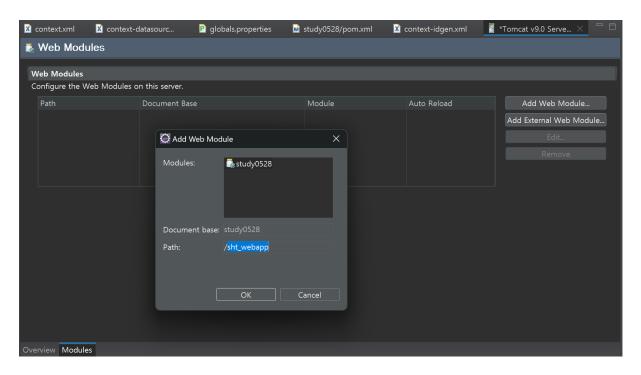
```
</reports>
                    </reportSet>
                </reportSets>
            </plugin>
            <!-- Generating JavaDoc Report -->
            <plugin>
                <groupId>org.apache.maven.plugins</groupId>
                <artifactId>maven-javadoc-plugin</artifactId>
                <configuration>
                    <minmemory>128m</minmemory>
                    <maxmemory>512m</maxmemory>
                    <encoding>${encoding}</encoding>
                    <docencoding>${encoding}</docencoding>
                    <charset>${encoding}</charset>
                </configuration>
            </plugin>
            <!-- Generating Java Source in HTML -->
            <plugin>
                <groupId>org.apache.maven.plugins</groupId>
                <artifactId>maven-jxr-plugin</artifactId>
                <configuration>
                    <inputEncoding>${encoding}</inputEncoding</pre>
                    <outputEncoding>${encoding}</outputEncodi</pre>
                    <linkJavadoc>true</linkJavadoc>
                     <javadocDir>apidocs</javadocDir>
                </configuration>
            </plugin>
        </plugins>
    </reporting>
</project>
```

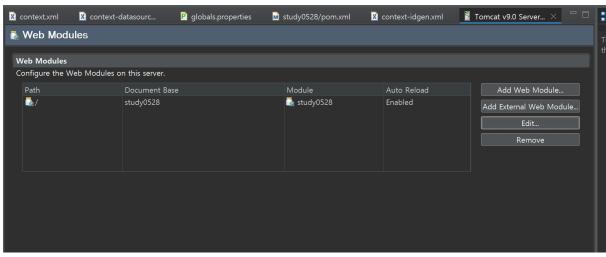
2-1. log4j2 넣어주기(혹시 몰라서)

- **∨** 🕌 study
 - > 🕾 src/main/java
 - - > 🗁 db
 - - egovProps
 - > 🗁 mapper
 - > message
 - > 🗁 spring
 - > > validator
 - 🔀 log4j2.xml
 - log4jdbc.log4j2.properties

2-2. 시퀀스 생성기 - context-idgen.xml 1975행에 추가

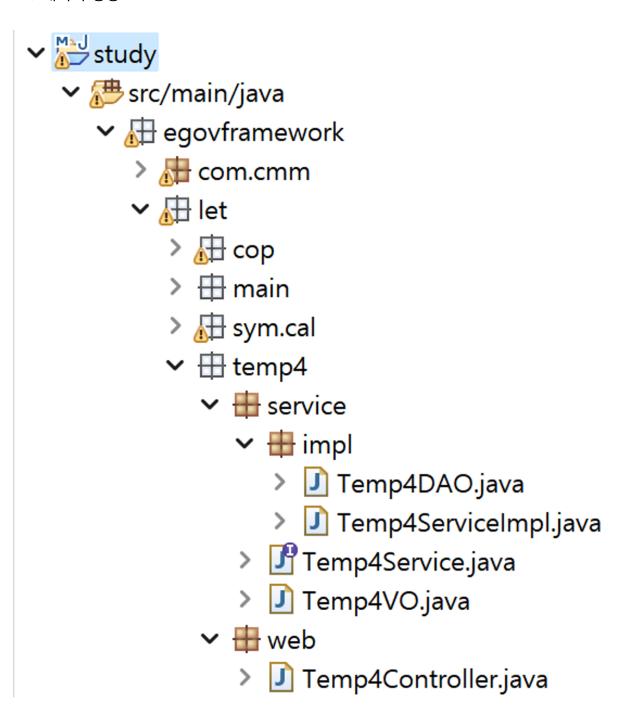
Server에 프로젝트 추가해주기





VO → XML → DAO → Service → ServiceImpl → Controller → jsp

1. 패키지 생성



temp4 → Temp4_mysql.xml

- - **∨** 🗁 db
 - 📠 shtdb.sql
 - - egovProps
 - ✓
 ├── mapper
 - > 🗁 config
 - 🗸 🗁 let

 - - X Temp4_mysql.xml

jsp

- **∨** Æ src
 - - 🗸 🔝 webapp
 - > 🗁 common

 - > 🗁 images
 - > 🗁 js
 - META-INF
 - ✓

 WEB-INF
 - Config
 - 🕶 🔂 jsp

 - > 🔂 cop
 - > 🗁 main
 - - 🖹 TempRegist.jsp
 - 🖹 TempSelect.jsp
 - 🖹 TempSelectList.jsp

2. VO 생성

Temp4VO

```
package egovframework.let.temp4.service;
import java io Serializable;
import egovframework.com.cmm.ComDefaultV0;
public class Temp4VO extends ComDefaultVO implements Serializ
    private String tempId;
    private String tempVal;
    //Getter and Setter(Shift + Alt + s)
    public String getTempId() {
        return tempId;
    }
    public void setTempId(String tempId) {
        this.tempId = tempId;
    public String getTempVal() {
        return tempVal;
    }
    public void setTempVal(String tempVal) {
        this.tempVal = tempVal;
    }
```

Temp4_mysql.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE mapper PUBLIC "-//mybatis.org//DTD Mapper 3.0//EN"
"http://mybatis.org/dtd/mybatis-3-mapper.dtd">
<mapper namespace="temp4DAO">
```

```
<resultMap type="egovframework.let.temp4.service.Temp4V0"</pre>
    <result property="tempId" column="TEMP_ID" />
    <result property="tempVal" column="TEMP_VAL" />
</resultMap>
<select id="temp4DAO.selectTempList" resultType="egovMap";</pre>
    SELECT
        TEMP ID
        , TEMP_VAL
    FROM lettemp4
    ORDER BY TEMP_ID DESC
    LIMIT #{recordCountPerPage} OFFSET #{firstIndex}
</select>
<select id="temp4DAO.selectTempListCnt" resultType="java.</pre>
    SELECT
        COUNT(*) CNT
    FROM lettemp4
</select>
<select id="temp4DAO.selectTemp" resultType="egovframewor"</pre>
    SELECT
        TEMP_ID AS TempId
        , TEMP_VAL AS TempVal
    FROM lettemp4
        WHERE TEMP_ID = #{tempId}
</select>
<insert id="temp4DAO.insertTemp" parameterType="egovframe"</pre>
    INSERT INTO lettemp4 (
        TEMP ID
        , TEMP VAL
    ) VALUES (
        #{tempId}
        , #{tempVal}
</insert>
```

4. DAO

Temp4DAO

```
package egovframework.let.temp4.service.impl;

import java.util.List;

import org.egovframe.rte.psl.dataaccess.EgovAbstractMapper;
import org.egovframe.rte.psl.dataaccess.util.EgovMap;
import org.springframework.stereotype.Repository;

import egovframework.let.temp4.service.Temp4V0;

@Repository("temp4DAO")
public class Temp4DAO extends EgovAbstractMapper{

    //임시데이터 목록 가져오기
    public List<EgovMap> selectTempList(Temp4V0 vo) throws Exreturn selectList("temp4DAO.selectTempList", vo);
    }

    //임시데이터 목록 수
    public int selectTempListCnt(Temp4V0 vo) throws Exception return selectOne("temp4DAO.selectTempListCnt", vo);
}
```

```
//임시데이터 가져오기
    public Temp4V0 selectTemp(Temp4V0 vo) throws Exception {
        return selectOne("temp4DAO.selectTemp", vo);
    }
    //임시데이터 등록
    public void insertTemp(Temp4V0 vo) throws Exception {
       insert("temp4DAO.insertTemp", vo);
    }
    //임시데이터 수정
    public void updateTemp(Temp4V0 vo) throws Exception {
        update("temp4DAO.updateTemp", vo);
    }
    //임시데이터 삭제
    public void deleteTemp(Temp4V0 vo) throws Exception {
       delete("temp4DAO.deleteTemp", vo);
    }
}
```

5. **ServiceImpl**

Temp4ServiceImpl

```
package egovframework.let.temp4.service.impl;
import java.util.List;
import javax.annotation.Resource;
import org.egovframe.rte.fdl.idgnr.EgovIdGnrService;
import org.egovframe.rte.fdl.idgnr.impl.EgovSequenceIdGnrServ.import org.egovframe.rte.psl.dataaccess.util.EgovMap;
import org.springframework.stereotype.Service;
import egovframework.let.temp4.service.Temp4Service;
```

```
import egovframework.let.temp4.service.Temp4V0;
@Service("temp4Service")
public class Temp4ServiceImpl extends EgovSequenceIdGnrServic
    @Resource(name = "temp4DAO")
    private Temp4DAO temp4DAO;
    @Resource(name = "egovTempIdGnrService")
    private EgovIdGnrService idgenService;
    //임시데이터 목록 가져오기
    public List<EgovMap> selectTempList(Temp4V0 vo) throws Ex
        return temp4DAO.selectTempList(vo);
    }
    //임시데이터 목록 수
    public int selectTempListCnt(Temp4V0 vo) throws Exception
        return temp4DAO.selectTempListCnt(vo);
    }
    //임시데이터 가져오기
    public Temp4V0 selectTemp(Temp4V0 vo) throws Exception {
        return temp4DAO.selectTemp(vo);
    }
    //임시데이터 등록하기
    public String insertTemp(Temp4V0 vo) throws Exception {
       String id = idgenService.getNextStringId();
       vo.setTempId(id);
       temp4DAO.insertTemp(vo);
        return id;
    }
    //임시데이터 수정하기
    public void updateTemp(Temp4V0 vo) throws Exception {
```

```
temp4DAO.updateTemp(vo);
}

//임시데이터 삭제하기
public void deleteTemp(Temp4VO vo) throws Exception {
  temp4DAO.deleteTemp(vo);
}
```

6. Service

Temp4Service

```
package egovframework.let.temp4.service;
import java.util.List;
import org.egovframe.rte.psl.dataaccess.util.EgovMap;
public interface Temp4Service {
   //임시데이터 목록 가져오기
   public List<EgovMap> selectTempList(Temp4V0 vo) throws Ex
   //임시데이터 목록 수
   public int selectTempListCnt(Temp4V0 vo) throws Exception
   //임시데이터 가져오기
   public Temp4V0 selectTemp(Temp4V0 vo) throws Exception;
   //임시데이터 등록하기
   public String insertTemp(Temp4V0 vo) throws Exception;
   //임시데이터 수정하기
   public void updateTemp(Temp4V0 vo) throws Exception;
   //임시데이터 삭제하기
```

```
public void deleteTemp(Temp4V0 vo) throws Exception;
}
```

7. Controller

Temp4Controller

```
package egovframework.let.temp4.web;
import java.util.List;
import javax.annotation.Resource;
import javax.servlet.http.HttpServletRequest;
import org.egovframe.rte.fdl.string.EgovStringUtil;
import org.egovframe.rte.psl.dataaccess.util.EgovMap;
import org.egovframe.rte.ptl.mvc.tags.ui.pagination.Paginatio
import org.springframework.stereotype.Controller;
import org.springframework.ui.ModelMap;
import org.springframework.web.bind.annotation.RequestMapping
import egovframework.let.temp4.service.Temp4Service;
import egovframework.let.temp4.service.Temp4V0;
@Controller
public class Temp4Controller {
    @Resource(name = "temp4Service")
    private Temp4Service temp4Service;
    //임시데이터 목록 가져오기
    @RequestMapping(value = "/temp4/selectList.do")
    public String selectList(Temp4V0 temp4V0, HttpServletRequi
        PaginationInfo paginationInfo = new PaginationInfo();
        paginationInfo.setCurrentPageNo(temp4V0.getPageIndex(
        paginationInfo.setRecordCountPerPage(temp4V0.getPageU
        paginationInfo.setPageSize(temp4V0.getPageSize());
```

```
temp4V0.setFirstIndex(paginationInfo.getFirstRecordIn
    temp4V0.setLastIndex(paginationInfo.getLastRecordInde
    temp4V0.setRecordCountPerPage(paginationInfo.getRecor
   List<EgovMap> resultList = temp4Service.selectTempLis
   model.addAttribute("resultList", resultList);
   int totCnt = temp4Service.selectTempListCnt(temp4V0);
   paginationInfo.setTotalRecordCount(totCnt);
   model.addAttribute("paginationInfo", paginationInfo);
   /*
   List<EgovMap> resultList = temp3Service.selectTempLis
   model.addAttribute("resultList", resultList);
   int totCnt = temp3Service.selectTempListCnt(temp3V0);
   model.addAttribute("totCnt", totCnt);
    * /
    return "temp4/TempSelectList";
}
//임시데이터 가져오기
@RequestMapping(value = "/temp4/select.do")
public String select(Temp4V0 temp4V0, HttpServletRequest
   Temp4V0 result = temp4Service.selectTemp(temp4V0);
   model.addAttribute("result", result);
    return "temp4/TempSelect";
}
//임시데이터 등록/수정
@RequestMapping(value = "/temp4/tempRegist.do")
public String tempRegist(Temp4V0 temp4V0, HttpServletRequi
   Temp4V0 result = new Temp4V0();
   if(!EgovStringUtil.isEmpty(temp4V0.getTempId())) {
        result = temp4Service.selectTemp(temp4V0);
```

```
model.addAttribute("result", result);
        return "temp4/TempRegist";
    }
    //임시데이터 등록하기
    @RequestMapping(value = "/temp4/insert.do")
    public String insert(Temp4V0 temp4V0, HttpServletRequest
        temp4Service.insertTemp(temp4V0);
        return "forward:/temp4/selectList.do";
    }
    //임시데이터 수정하기
   @RequestMapping(value = "/temp4/update.do")
    public String update(Temp4V0 temp4V0, HttpServletReguest
        temp4Service.updateTemp(temp4V0);
        return "forward:/temp4/selectList.do";
    }
    //임시데이터 삭제하기
    @RequestMapping(value = "/temp4/delete.do")
    public String delete(Temp4V0 temp4V0, HttpServletRequest
        temp4Service.deleteTemp(temp4V0);
        return "forward:/temp4/selectList.do";
    }
}
```

8. **jsp**

tempSelectList.jsp

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

<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core"

<%@ taglib prefix="ui" uri="http://egovframework.gov/ctl/ui" {

<%@ taglib uri="http://java.sun.com/jsp/jstl/functions" prefix="aglib prefix="spring" uri="http://www.springframework.organization"</pre>
```

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
<link href="/css/common.css" rel="stylesheet">
<script src="http://code.jquery.com/jquery-latest.min.js"></s</pre>
   <style>
       table{border-collapse: collapse;}
       th{font-weight: bold;}
       th, td{padding: 5px; border: 1px solid #000;}
   </style>
</head>
<body>
<thead>
       TEMP_ID
           TEMP VAL
           관리
       </thead>
   <c:forEach var="result" items="${resultList}">
           <c:out value="${result.tempId}"/>
               <c:url var="viewUrl" value="/temp4/select
                      <c:param name="tempId" value="${resul</pre>
                  </c:url>
                  <a href="${viewUrl}"><c:out value="${resu}
               <
                  <c:url var="delUrl" value="/temp4/delete.
                      <c:param name="tempId" value="${resul</pre>
                  </c:url>
```

```
<a href="${delUrl}" class="btn-del">삭제</
              </c:forEach>
   <div id="paging div">
   <c:url var="pageUrl" value="/temp4/selectList.do?" />
       <c:set var="pagingParam"><c:out value="${pageUrl}"/><
       <ui:pagination paginationInfo="${paginationInfo}" type
   </div>
<button type="button" id="btn-reg" data-href="/temp4/tempRegi</pre>
<script>
$(document).ready(function(){
   $("#btn-reg").click(function(){
       location.href = $(this).data("href");
   });
   $(".btn-del").click(function(){
       if(!confirm("삭제하시겠습니까?")){
           return false;
       }
   });
});
</script>
</body>
</html>
```

tempSelect.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-
    pageEncoding="UTF-8"%>
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core"</pre>
```

```
<%@ taglib prefix="ui" uri="http://egovframework.gov/ctl/ui" '</pre>
<%@ taglib uri="http://java.sun.com/jsp/jstl/functions" prefix</pre>
<%@ taglib prefix="spring" uri="http://www.springframework.or</pre>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
<script src="http://code.jquery.com/jquery-latest.min.js"></s</pre>
</head>
<body>
${result.tempVal}
<div class="box-btn">
    <c:url var="uptUrl" value="/temp4/tempRegist.do">
        <c:param name="tempId" value="${result.tempId}" />
    </c:url>
    <a href="${uptUrl}">수정</a>
    <c:url var="delUrl" value="/temp4/delete.do">
        <c:param name="tempId" value="${result.tempId}" />
    </c:url>
    <a href="${delUrl}" class="btn-del">삭제</a>
    <a href="/temp4/selectList.do">목록</a>
</div>
<script>
$(document).ready(function(){
    $(".btn-del").click(function(){
        if(!confirm("삭제하시겠습니까?")){
            return false;
    });
});
</script>
</body>
</html>
```

tempRegist.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-</pre>
    pageEncoding="UTF-8"%>
<%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core"</pre>
<%@ taglib prefix="ui" uri="http://egovframework.gov/ctl/ui" '</pre>
<%@ taglib uri="http://java.sun.com/jsp/jstl/functions" prefi
</pre>
<%@ taglib prefix="spring" uri="http://www.springframework.or</pre>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
    <c:choose>
        <c:when test="${not empty result.tempId}">
             <c:set var="actionUrl" value="/temp4/update.do" /</pre>
        </c:when>
        <c:otherwise>
             <c:set var="actionUrl" value="/temp4/insert.do" /:</pre>
        </c:otherwise>
    </c:choose>
    *등록폼
    <form action="${actionUrl}" method="post" name="tempV0">
        <input type="hidden" name="tempId" value="${result.tempId" value="$</pre>
        <label for="tempVal">값 정보 : </label>
        <input type="text" id="tempVal" name="tempVal" value=</pre>
        <br/>
        <c:choose>
             <c:when test="${not empty result.tempId}">
                 <button type="submit">수정</button>
             </c:when>
             <c:otherwise>
                 <button type="submit">등록</button>
```

```
</c:otherwise>
</c:choose>
</form>
</body>
</html>
```

http://localhost:2024/temp4/selectList.do

