

스프링 프로젝트 예제

CAMPING HOLIC

프로젝트 개요

Project Title Camping Holic (캠핑 홀릭)

캠핑을 즐기는 사람들을 위해..

캠핑 용품을 비교하고..

캠핑장 정보를 추천 받고..

다른 사람들과 캠핑장 정보 공유 커뮤니티..



개발환경

	H/W	OS	Server	Tool	DB
Java /JSP & Servlet Java Script HTML CSS3 jQuery Spring	일반 PC	Window7	Tomcat 7.X	Spring	Oracle, MyBatis



Apache Tomcat



ORACLE®



MyBatis

메뉴구성

메뉴 트리(Menu Tree)

메인

이달의 인기상품

MD추천상품

Hot 게시판

캠핑용품

베스트상품

상품 검색

상품 리스트

캠핑장

캠핑장 검색

캠핑장 소개

커뮤니티

캠핑 요리&Tip

후기게시판

질문게시판

마이페이지

정보확인

정보수정

장바구니

구매목록

회원탈퇴

관리자 페이지

상품등록

상품 수정/삭제

캠핑장 관리

상품 구매관리

게시판관리

화면구성



HOME

캠핑용품 쇼핑물

캠핑장 보러가기

커뮤니티

로그인하기

투표하기



국화

20000원



만화

10000원



투표하기

HOT 게시판

게시판	제목	작성자	날짜	조회수
요리 & Tip	대박	홍길동	2015-02-22 08:38	3
자유	7	7	2015-01-19 10:53	1
자유	2	2	2015-01-19 10:44	4
자유	1	1	2015-01-19 10:44	0
자유	1	1	2015-01-19 10:44	1
자유	1	1	2015-01-19 10:44	0
자유	1	1	2015-01-19 10:44	0
자유	1	1	2015-01-19 10:44	0
자유	1	1	2015-01-19 10:32	0
자유	대박	대박	2015-01-19 10:22	2

추천 상품



국화

20000원



만화

10000원

상품 리스트

체크	번호	상품종류	상품명	상품설명	가격	MD코드	조회수
<input type="checkbox"/>	2	취사용품	만화	만화	10000원	추천	5
<input type="checkbox"/>	1	캠핑용품	국화	222	20000원	추천	7

비교하기

상세페이지

상품명	만화				
상품ID	2	상품종류	취사용품	가격	10000원
MD코드	추천	투표수	1	등록일	Fri Feb 20 21:47:53 KST 2015
카트에 담기	<div>1 ▼ 개</div> <div>카트에 넣기</div>				

썸네일



만화

상품 비교

상품 이미지		
상품명	만화	국화
가격	10000원	20000원
상품설명	만화	222

캠핑장

[지도](#)
[비교](#)




캠핑장 리스트

번호	이미지	이름	주소	연락처	홈페이지
1		나이롱	강원도 산골	010-111-1111	www.choongang.co.kr

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[캠핑용품 쇼핑물](#)
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커뮤니티

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번호	카테고리	제목	작성자	날짜	조회수
16	요리 & Tip	대박	홍길동	2015-02-22 08:38	3
15	자유	7	7	2015-01-19 10:53	1
14	자유	2	2	2015-01-19 10:44	4
13	자유	1	1	2015-01-19 10:44	0
12	자유	1	1	2015-01-19 10:44	1
11	자유	1	1	2015-01-19 10:44	0
10	자유	1	1	2015-01-19 10:44	0
9	자유	1	1	2015-01-19 10:44	0
8	자유	1	1	2015-01-19 10:32	0
7	자유	2	2	2015-01-19 10:03	0

[글쓰기](#)



홍길동님, 환영합니다. | [마이 페이지](#)

HOME

캠핑용품 쇼핑물

캠핑장 보러가기

커뮤니티

로그아웃

마이 페이지

유저ID	이름	우편번호	주소	email	비고
kk	홍길동	327-123	서울 강남	kk@k.com	수정하기 탈퇴하기

[계산하기](#) | [카트보기](#) | [카트 비우기](#)

DataBase 설계

테이블설계서

```
create table member (  
    mld          varchar2(40),  
    password     varchar2(40),  
    mName        varchar2(40),  
    postcode     varchar2(20),  
    address      varchar2(50),  
    email        varchar2(50),  
    job          varchar2(30),  
    PRIMARY KEY (mld)  
);
```

```
create table product(
    pld number(5),    pName varchar2(40),    price number(10),
    description varchar2(100),    picUrl varchar2(40),
    rangeCode number(5),    mdCode number(5),
    voteCode number(5),    hitn umber(5),
    regdate DATE,    quantity    number(5),    PRIMARY KEY (pld)
);
```

**locTable

```
create table loc(
    locCode number(5), locName varchar2(40),
    locUrl varchar2(40), PRIMARY KEY (locCode)
);
```

```
INSERT INTO LOC VALUES(0,'서울','seoul.jpg');
INSERT INTO LOC VALUES(1,'경기','gg.jpg');
INSERT INTO LOC VALUES(2,'강원','gang.jpg');
INSERT INTO LOC VALUES(3,'충청','cc.jpg');
INSERT INTO LOC VALUES(4,'전라','jr.jpg');
INSERT INTO LOC VALUES(5,'경상','gs.jpg');
INSERT INTO LOC VALUES(6,'제주','jeju.jpg');
```

****campsite Table**

create table campsite(

sld number(5), sName varchar2(40),

address varchar2(50),

phone varchar2(40), home varchar2(40),

picUrl varchar2(40), locCode number(5),

reservation number(1), -- 1 예약완료,0 예약가능

PRIMARY KEY (sld),

FOREIGN KEY (locCode) REFERENCES loc (locCode)

);

**** shortboard Table**

create table shortboard(

pld number(5), writer varchar2(40), sbld number(5),

content varchar2(100), regdate **DATE,**

PRIMARY KEY (sbld),

FOREIGN KEY (pld) REFERENCES product (pld)

);

****sale Table**

```
create table sale(  
  saleId number(10),  
  mId varchar2(40),  
  updateTime TIMESTAMP,  
  PRIMARY KEY (saleId, mId),  
  FOREIGN KEY (mId) REFERENCES member (mId)  
);
```

****saleline Table**

```
create table saleline(  
  saleId number(10),  
  salelineId number(5),  
  pld number(5),  
  quantity number(1),  
  updateTime TIMESTAMP,  
  PRIMARY KEY (saleId, salelineId),  
  FOREIGN KEY (pld) REFERENCES product (pld)  
);  
select * from saleline;
```



controllers

▶  AdminController.java

▶  BoardController.java

▶  CampStiteController.java

▶  CartController.java

▶  MainController.java

▶  MemberController.java

▶  ProductController.java



dao



BoardDao.java



BoardDaoImpl.java



CampSiteDao.java



CampSiteDaoImpl.java



LocDao.java



LocDaoImpl.java



MemberDao.java



MemberDaoImpl.java



ProductDao.java



ProductDaoImpl.java



SaleDao.java



SaleDaoImpl.java



SaleLineDao.java



SaleLineDaoImpl.java

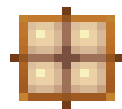


ShortBoardDao.java



ShortBoardDaoImpl.java

- exception
 - ▶ CartEmptyException.java
 - ▶ LoginRequiredException.java
- logic
 - ▶ Board.java
 - ▶ CampSite.java
 - ▶ Cart.java
 - ▶ Loc.java
 - ▶ Member.java
 - ▶ PagingBean.java
 - ▶ Product.java
 - ▶ ProductSet.java
 - ▶ Sale.java
 - ▶ SaleLine.java
 - ▶ ShortBoard.java



service

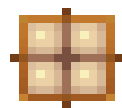


ShopService.java



5

ShopServiceImpl.java



utils



LoginValidator.java



UserEntryValidator.java



WebConstants.java



messages.properties

src/main/resources

mybatis

Board.xml

CampSite.xml

configuration.xml

db.properties

Loc.xml

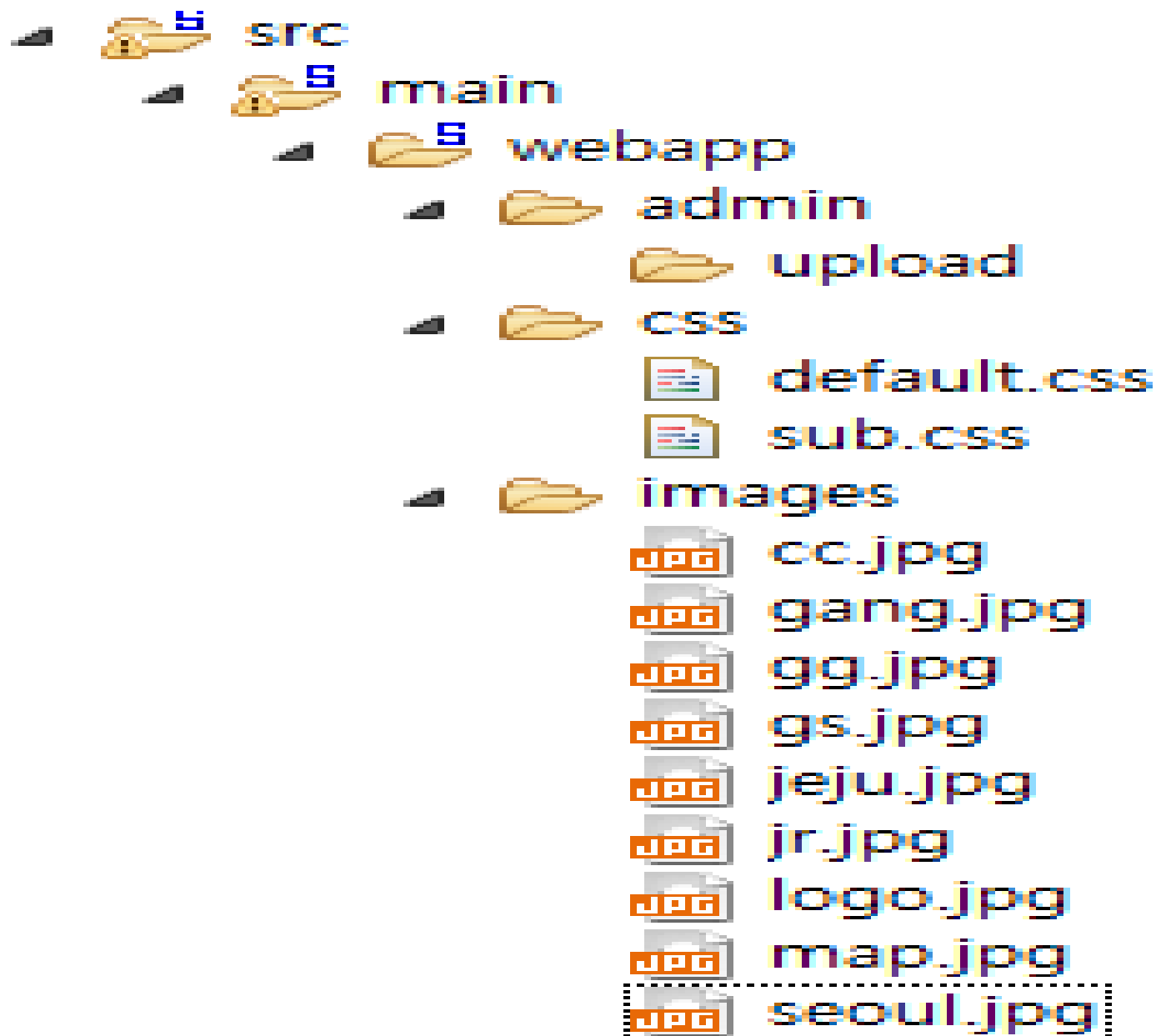
Member.xml

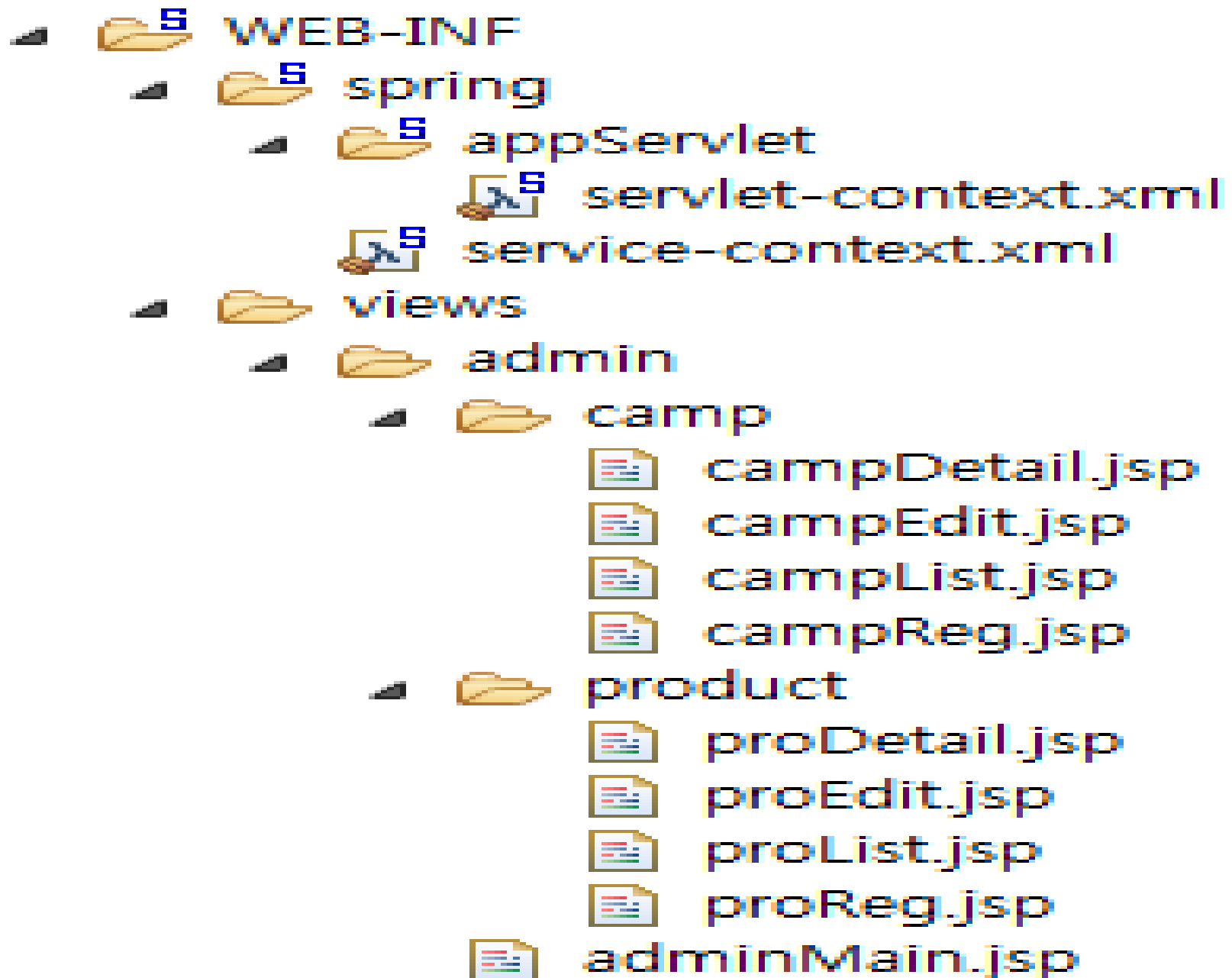
Product.xml

















Sale.xml

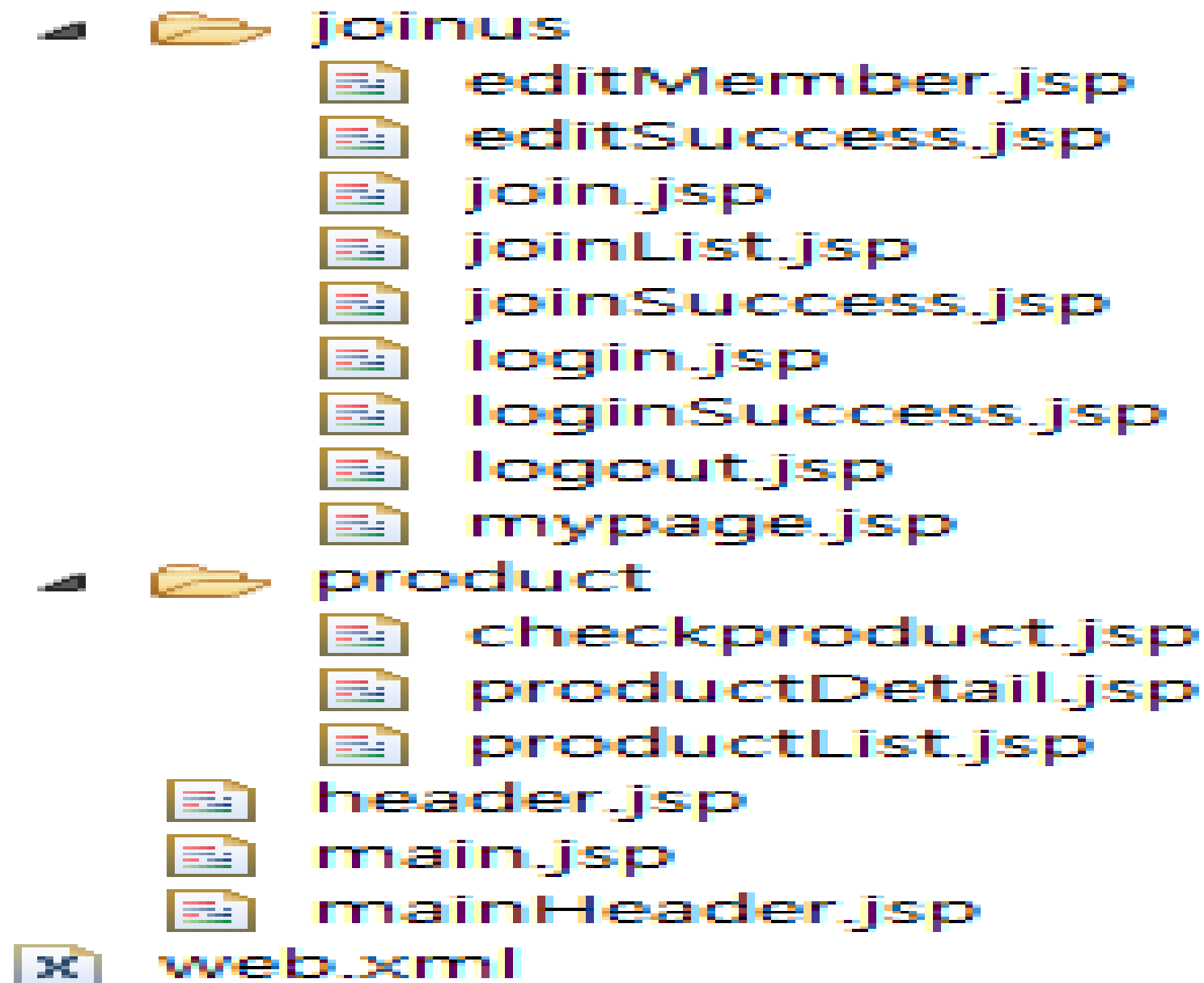
SaleLine.xml

ShortBoard.xml





- ▶  **board**
 -  boardDetail.jsp
 -  boardEdit.jsp
 -  boardList.jsp
 -  boardReg.jsp
- ▶  **campsite**
 -  campsiteList.jsp
- ▶  **cart**
 -  cart.jsp
 -  checkout.jsp
 -  end.jsp
- ▶  **exception**
 -  cartEmpty.jsp
 -  dataNotFound.jsp
 -  dummyLogin.jsp
 -  exception.jsp



pom.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
    http://maven.apache.org/maven-v4_0_0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <groupId>com.ch</groupId>
  <artifactId>webprj</artifactId>
  <name>STSMVCPpj</name>
  <packaging>war</packaging>
  <version>1.0.0-BUILD-SNAPSHOT</version>
  <properties>
    <java-version>1.6</java-version>
    <org.springframework-version>4.1.1.RELEASE</org.springframework-version>
    <org.aspectj-version>1.6.9</org.aspectj-version>
    <org.slf4j-version>1.5.10</org.slf4j-version>
  </properties>
  <repositories>
    <repository>
      <id>codeIds</id>
      <url>https://code.lds.org/nexus/content/groups/main-repo</url>
    </repository>
  </repositories>
```

```
<dependencies>
<dependency>
<groupId>org.springframework</groupId>
<artifactId>spring-orm</artifactId>
<version>${org.springframework-version}</version>
</dependency>
<dependency>
<groupId>org.springframework</groupId>
<artifactId>spring-test</artifactId>
<version>${org.springframework-version}</version>
</dependency>
<dependency>
<groupId>org.springframework</groupId>
<artifactId>spring-jdbc</artifactId>
<version>${org.springframework-version}</version>
</dependency>
<!-- oracle -->
<dependency>
<groupId>com.oracle</groupId>
<artifactId>ojdbc6</artifactId>
<version>11.2.0.3</version>
<scope>compile</scope>
</dependency>
```

```
<!-- dbcp jdbc connection pool -->
<dependency>
<groupId>commons-dbcp</groupId>
<artifactId>commons-dbcp</artifactId>
<version>1.2.2</version>
</dependency>
<!-- mybatis -->
<dependency>
    <groupId>org.mybatis</groupId>
    <artifactId>mybatis</artifactId>
    <version>3.2.3</version>
</dependency>
<dependency>
    <groupId>org.mybatis</groupId>
    <artifactId>mybatis-spring</artifactId>
    <version>1.2.1</version>
</dependency>
<!-- ibatis -->
<dependency>
<groupId>org.apache.ibatis</groupId>
<artifactId>ibatis-sqlmap</artifactId>
<version>2.3.4.726</version>
</dependency>
```

```
<!-- cglib ibatis를 위한 프록시 라이브러리 -->
<dependency>
<groupId>cglib</groupId>
<artifactId>cglib</artifactId>
<version>2.2</version>
</dependency>
<!-- Spring -->
<dependency>
<groupId>org.springframework</groupId>
<artifactId>spring-context</artifactId>
<version>${org.springframework-version}</version>
<exclusions>
<!-- Exclude Commons Logging in favor of SLF4j -->
<exclusion>
<groupId>commons-logging</groupId>
<artifactId>commons-logging</artifactId>
</exclusion>
</exclusions>
</dependency>
<dependency>
<groupId>org.springframework</groupId>
<artifactId>spring-webmvc</artifactId>
<version>${org.springframework-version}</version>
</dependency>
```



```
<!-- AspectJ -->
<dependency>
<groupId>org.aspectj</groupId>
<artifactId>aspectjrt</artifactId>
<version>${org.aspectj-version}</version>
</dependency>
<dependency>
<groupId>org.aspectj</groupId>
<artifactId>aspectjweaver</artifactId>
<version>1.6.8</version>
</dependency>
```

```
<!-- Logging -->
<dependency>
<groupId>org.slf4j</groupId>
<artifactId>slf4j-api</artifactId>
<version>${org.slf4j-version}</version>
</dependency>
<dependency>
<groupId>org.slf4j</groupId>
<artifactId>jcl-over-slf4j</artifactId>
<version>${org.slf4j-version}</version>
<scope>runtime</scope>
</dependency>
```

```
<dependency>
<groupId>org.slf4j</groupId>
<artifactId>slf4j-log4j12</artifactId>
<version>${org.slf4j-version}</version>
<scope>runtime</scope>
</dependency>
<dependency>
<groupId>log4j</groupId>
<artifactId>log4j</artifactId>
<version>1.2.15</version>
<exclusions>
<exclusion>
<groupId>javax.mail</groupId>
<artifactId>mail</artifactId>
</exclusion>
<exclusion>
<groupId>javax.jms</groupId>
<artifactId>jms</artifactId>
</exclusion>
<exclusion>
<groupId>com.sun.jdmk</groupId>
<artifactId>jmxtools</artifactId>
</exclusion>
```

```
<exclusion>
<groupId>com.sun.jmx</groupId>
<artifactId>jmxri</artifactId>
</exclusion>
</exclusions>
<scope>runtime</scope>
</dependency>
<!-- @Inject -->
<dependency>
<groupId>javax.inject</groupId>
<artifactId>javax.inject</artifactId>
<version>1</version>
</dependency>
<dependency>
<groupId>javax.servlet</groupId>
<artifactId>jstl</artifactId>
<version>1.2</version>
</dependency>
<dependency>
<groupId>org.apache.tiles</groupId>
<artifactId>tiles-jsp</artifactId>
<version>2.2.2</version>
</dependency>
```

```
<!-- Test -->
<dependency>
<groupId>junit</groupId>
<artifactId>junit</artifactId>
<version>4.7</version>
<scope>test</scope>
</dependency>
<dependency>
<groupId>commons-fileupload</groupId>
<artifactId>commons-fileupload</artifactId>
<version>1.2</version>
</dependency>
```

```
<!-- Spring Security -->
<dependency>
    <groupId>org.springframework.security</groupId>
    <artifactId>spring-security-core</artifactId>
    <version>3.2.4.RELEASE</version>
</dependency>
<dependency>
    <groupId>org.springframework.security</groupId>
    <artifactId>spring-security-web</artifactId>
    <version>3.2.4.RELEASE</version>
</dependency>
```

```
<dependency>
  <groupId>org.springframework.security</groupId>
  <artifactId>spring-security-config</artifactId>
  <version>3.2.4.RELEASE</version>
</dependency>
<dependency>
<groupId>org.springframework.security</groupId>
<artifactId>spring-security-taglibs</artifactId>
<version>3.1.4.RELEASE</version>
</dependency>
<dependency>
<groupId>commons-io</groupId>
<artifactId>commons-io</artifactId>
<version>1.3.2</version>
</dependency>

<dependency>
<groupId>org.scala-lang</groupId>
<artifactId>scala-library</artifactId>
<version>2.10.4</version>
</dependency>
</dependencies>
```

```
<build>
  <plugins>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-compiler-plugin</artifactId>
      <configuration>
        <source>${java-version}</source> <target>${java-version}</target>
      </configuration>
    </plugin>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-war-plugin</artifactId>
      <configuration> <warName>abc</warName> </configuration>
    </plugin>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-dependency-plugin</artifactId>
      <executions>
        <execution>
          <id>install</id> <phase>install</phase>
          <goals> <goal>sources</goal> </goals>
        </execution>
      </executions>
    </plugin>
  </plugins>
</build>
```

```
<plugin>  
  <groupId>org.apache.maven.plugins</groupId>  
  <artifactId>maven-resources-plugin</artifactId>  
  <version>2.5</version>  
  <configuration>  
    <encoding>UTF-8</encoding>  
  </configuration>  
</plugin>  
</plugins>  
</build>  
</project>
```


web.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns="http://java.sun.com/xml/ns/javaee"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation=http://java.sun.com/xml/ns/javaee
http://java.sun.com/xml/ns/javaee/web-app\_2\_5.xsd version="2.5">
  <listener>
    <listener-class>org.springframework.web.context.ContextLoaderListener</listener-
class> </listener>
  <context-param>
    <param-name>contextConfigLocation</param-name>
    <param-value>/WEB-INF/spring/service-context.xml</param-value>
  </context-param>
  <servlet>
    <servlet-name>dispatcher</servlet-name>
    <servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-class>
    <init-param>
      <param-name>contextConfigLocation</param-name>
      <param-value>/WEB-INF/spring/appServlet/servlet-context.xml</param-value>
    </init-param>
    <load-on-startup>1</load-on-startup>
  </servlet>
```

```
<servlet-mapping>  
  <servlet-name>dispatcher</servlet-name>  
  <url-pattern>*.html</url-pattern>  
</servlet-mapping>
```

```
<filter>  
  <filter-name>Set Character Encoding</filter-name>  
  <filter-class>org.springframework.web.filter.CharacterEncodingFilter</filter-class>  
  <init-param>  
    <param-name>encoding</param-name>  
    <param-value>UTF-8</param-value>  
  </init-param>  
</filter>  
<filter-mapping>  
  <filter-name>Set Character Encoding</filter-name>  
  <url-pattern>/*</url-pattern>  
</filter-mapping>  
</web-app>
```

service-context.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<beans xmlns="http://www.springframework.org/schema/beans"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:context="http://www.springframework.org/schema/context"
xmlns:mvc="http://www.springframework.org/schema/mvc"
xmlns:aop="http://www.springframework.org/schema/aop"
xmlns:tx="http://www.springframework.org/schema/tx"
xsi:schemaLocation="http://www.springframework.org/schema/tx
http://www.springframework.org/schema/tx/spring-tx-3.1.xsd
http://www.springframework.org/schema/beans
http://www.springframework.org/schema/beans/spring-beans.xsd
http://www.springframework.org/schema/aop
http://www.springframework.org/schema/aop/spring-aop-3.1.xsd
http://www.springframework.org/schema/context
http://www.springframework.org/schema/context/spring-context-3.1.xsd
http://www.springframework.org/schema/mvc
http://www.springframework.org/schema/mvc/spring-mvc-3.1.xsd">
<context:component-scan base-package="controllers,dao,logic,service" />
<mvc:annotation-driven/>
```

```
<!-- Data Source -->
<context:property-placeholder location="classpath:mybatis/db.properties"/>
<bean id="dataSource"
class="org.springframework.jdbc.datasource.SimpleDriverDataSource">
<property name="driverClass" value="${driver}" />
<property name="url" value="${url}" />
<property name="username" value="${user.username}" />
<property name="password" value="${user.password}" />
</bean>
<!-- 스프링 jdbc 즉 스프링으로 oracle 디비 연결 -->
<bean id="sqlSessionFactory" class="org.mybatis.spring.SqlSessionFactoryBean">
<property name="dataSource" ref="dataSource" />
<property name="configLocation" value="classpath:mybatis/configuration.xml" />
</bean>
<!-- transactionmanager 선언 -->
<bean id="transactionManager"
class="org.springframework.jdbc.datasource.DataSourceTransactionManager">
<property name="dataSource" ref="dataSource" />
</bean>
```

<!-- Transaction 기본 설정 -->

<tx:advice id= "txAdvice" transaction-manager="transactionManager">

<tx:attributes>

<tx:method name= "*" propagation="REQUIRED"/>

<!-- name속성값을 *로 지정하면 모든 메서드에 적용 즉 어떠한 메서드를 사용해도 된다

. 트랜잭션 속성 REQUIRED 를 적용. 즉 값을 가져오는 역할을 함. -->

<tx:method name= "get*" read-only="true"/>

<!-- get 으로 시작하는 모든 메서드를 받아들인다. 그리고 단지 읽기 속성을 하기 위해서 true로 설정 -->

</tx:attributes>

</tx:advice>

<!-- AOP 설정을 사용해서 Transaction 적용 -->

<aop:config>

<aop:advisor advice-ref= "txAdvice" pointcut="execution(* service.*Service.*(..))"/>

<!-- service 패키지의 Service 포함하는 모든 클래스,인터페이스의 모든 메서드를 포인트 컷 한다. -->

</aop:config>

<!-- 이 설정은 검색해서 마이바티스 매퍼 XML파일을 모두 로드할 것이다. -->

<bean id= "session" class="org.mybatis.spring.SqlSessionTemplate">

<constructor-arg index= "0" ref="sqlSessionFactory" />

</bean>

</beans>

servlet-context.xml

```
<?xml version= "1.0" encoding="UTF-8"?>
<beans xmlns= "http://www.springframework.org/schema/beans"
xmlns:xsi= "http://www.w3.org/2001/XMLSchema-instance"
xmlns:context= "http://www.springframework.org/schema/context"
xsi:schemaLocation= "http://www.springframework.org/schema/beans
http://www.springframework.org/schema/beans/spring-beans-3.0.xsd
http://www.springframework.org/schema/context
http://www.springframework.org/schema/context/spring-context-3.0.xsd">
<bean class= "org.springframework.web.servlet.view.InternalResourceViewResolver">
<property name= "prefix" value= "/WEB-INF/views/" />
<property name= "suffix" value= ".jsp" />
</bean>
<bean name= "multipartResolver"
class= "org.springframework.web.multipart.commons.CommonsMultipartResolver">
<property name= "maxUploadSize" value= "10000000"/>
</bean>
</beans>
```

예외처리

```
<bean id="exceptionHandler"  
class="org.springframework.web.servlet.handler.SimpleMappingExceptionResolver">  
<property name="exceptionMappings">  
<value>  
exception.LoginRequiredException=/exception/dummyLogin  
exception.CartEmptyException=/exception/cartEmpty  
org.springframework.dao.DataRetrievalFailureException=/exception/dataNotFound  
java.lang.Exception=/exception/exception  
</value>  
</property>  
</bean>
```

CartEmptyException.java

```
package exception;  
public class CartEmptyException extends RuntimeException {  
    private static final long serialVersionUID = 1L;  
    public CartEmptyException(String errorMsg) {  
        super(errorMsg);  
    }  
}
```

LoginRequiredException.java

```
package exception;  
public class LoginRequiredException extends RuntimeException {  
    private static final long serialVersionUID = 1L;  
    public LoginRequiredException(String errorMsg) {  
        super(errorMsg);  
    }  
}
```


cartEmpty.jsp

```
<%@ page contentType="text/html;charset=UTF-8"%>
<%@ include file=" ../header.jsp"%>
<%@ include file=" ../mainHeader.jsp"%><body>
<div align="center" class="body">
<h2><font color="red">카트에 아무것도 들어있지 않습니다.</font></h2>
<a href="productList.html">목록으로 돌아가기</a></div>
</body></html>
```

dataNotFoun.jsp

```
<%@ page contentType="text/html;charset=UTF-8"%>
<%@ include file=" ../header.jsp"%>
<%@ include file=" ../mainHeader.jsp"%>
<html><head><title>해당 데이터를 찾을 수 없습니다.</title>
</head><body>
<div align="center" class="body">
<h2><font color="red">해당 데이터를 찾을 수 없습니다.</font></h2>
<a href="main.html">■ 목록으로 돌아가기</a></div>
</body>
</html>
```

dummyLogin.jsp

```
<%@ page contentType="text/html; charset=UTF-8"%>
<%@ include file="../header.jsp"%>
<%@ include file="../mainHeader.jsp"%>
<c:redirect url="/login.html" />
```

exception.jsp

```
<%@ page contentType="text/html; charset=UTF-8"%>
<%@ include file="../header.jsp"%>
<%@ include file="../mainHeader.jsp"%>
<html> <head>
<title>현재 쇼핑 애플리케이션은 이용할 수 없습니다.</title>
</head> <body>
<div align="center" class="body">
<h2><font color="red">현재 쇼핑 애플리케이션은 이용할 수 없습니
다.</font></h2>
</div>
</body>
</html>
```