



STORE 관리 시스템

- 웹사이트개발과정

2024년 02월 23일

2팀

발표자 : 신선호

목차



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02.	프로젝트 진행일정
03.	프로젝트 결과(CRUD)

프로젝트 개요



▶ 상품판매 (과자, 음료, 문구 등) 웹사이트 제작 의뢰 요청

• 관리자 전용 Page

- 상품관리(등록, 수정, 삭제)
- 전체 판매List 및 재고관리
- 판매 통계(데이터 시각화)

• 고객 Page

- 상품주문 및 결제
 - * 장바구니담기
 - * 주문 시, 고객 배송 및 결제 정보 자동 listup

• Shop Main Page

- 판매상품 확인 가능(※ Login시에만 주문가능)
- 회원가입 (* 가입 시, 고객정보 DB 저장)
- 게시판 (* Q&A / 리뷰_글 작성)

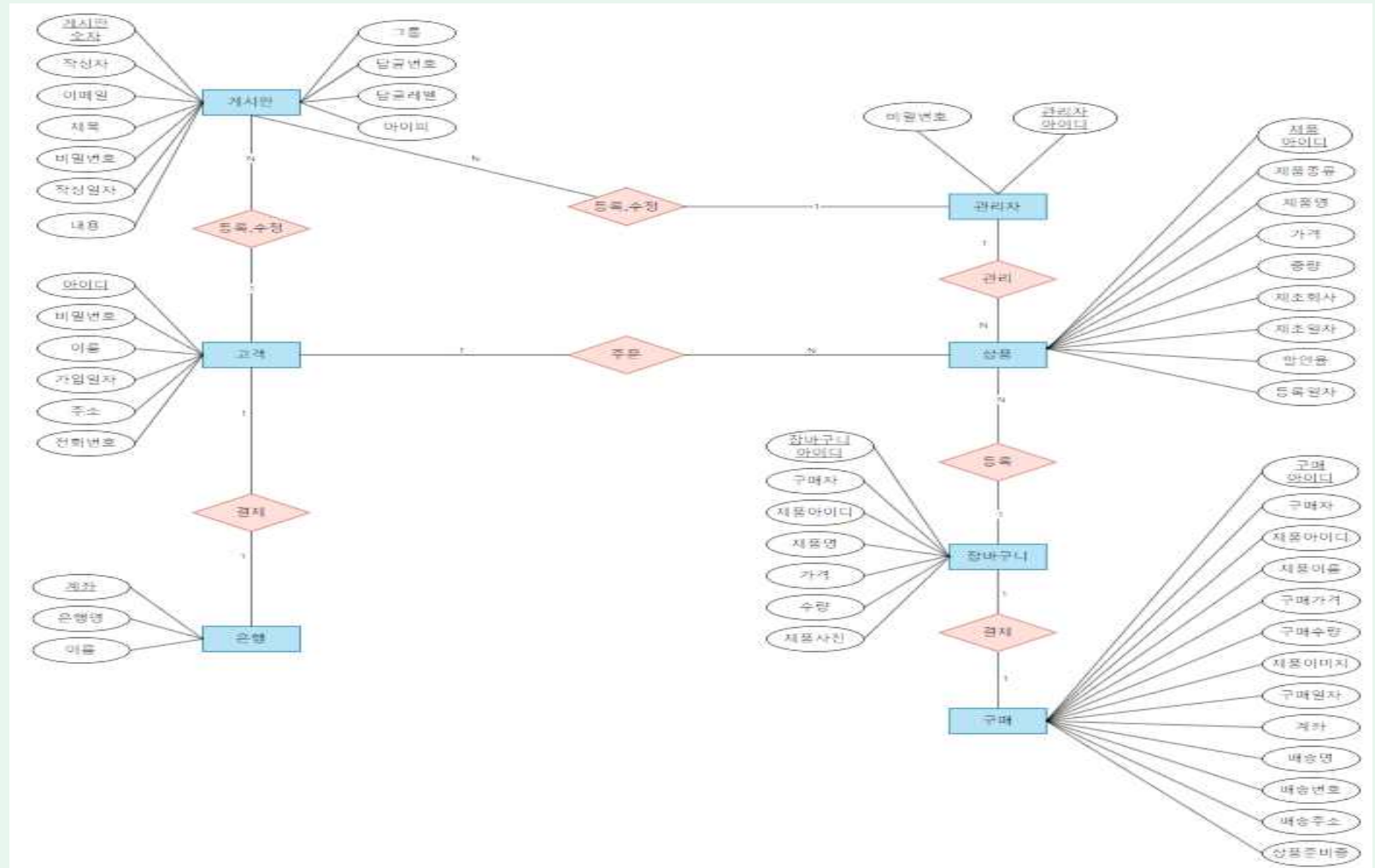
프로젝트 진행일정

- 기간 : 2024년 02월 19일(월) ~ 2024년 02월 23일(금)

업무	1회차 (02/19)	2회차 (02/20)	3회차 (02/21)	4회차 (02/22)	5회차 (02/23)
주제선정 및 시나리오 구성	<div></div>				
요구사항 정의서 작성	<div></div>				
JSP 및 자바빈 작성		<div></div>			
최종점검 및 PPT제작			<div></div>		
요구사항 명세서 작성				<div></div>	
발표					<div></div>



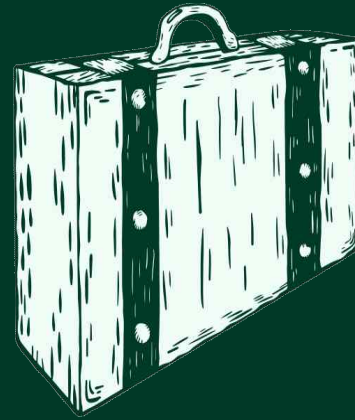
ERD- 다이어그램



프로젝트 결과(CRUD)

- 관리자 Page
- 메인 Page
- 고객 Page

관리자 Page



상품 관련

<상품 등록

상품 등록

분류 선택

과자 ▼

이름

허니버터칩

가격

2000

원

수량

1

개

중량

2000

g

제조사

해태

제조일

2024 ▼

년

1 ▼

월

1 ▼

일

이미지

파일 선택

허니버터칩.jpg

할인율

20

%

상품등록

다시작성

[관리자 메인으로](#)
[상품리스트로](#)

<상품 조회

[관리자 메인으로](#)

상품 등록	전체목록	과자	음료	육구								
번호	상품 분류	이름	가격	수량	중량	제조사	제조일	상품이미지	할인율	등록일	수정	삭제
1	100	칙촉	2000원	10 개	100g	롯데제과	2024-01-01	0011.jpg	10	2024-02-22 10:06	수정	삭제
2	100	오레오	1500원	9 개	100g	몬렐리즈	2023-10-01	0022.jpg	10	2024-02-22 10:08	수정	삭제
3	100	오징어 땅콩	1000원	6 개	100g	오리온	2024-02-03	003.jpg	10	2024-02-22 10:08	수정	삭제
4	200	카프리션	1000원	10 개	100g	농심	2023-12-05	카프리션 4.jpg	10	2024-02-22 10:09	수정	삭제
5	200	피크닉	1000원	8 개	100g	매일유업	2023-11-22	피크닉 4.jpg	10	2024-02-22 10:10	수정	삭제
6	200	젤리츠	1000원	일시불 7개	100g	농심	2024-02-03	009.jpg	10	2024-02-22 10:11	수정	삭제
7	300	스프링노트	2000원	10 개	100g	문구점	2022-05-01	스프링 노트 4.jpg	10	2024-02-22 10:11	수정	삭제
8	300	가위	800원	9 개	50g	문구점	2024-01-01	코팅가위 9.jpg	10	2024-02-22 10:12	수정	삭제
9	300	제트스트림 볼펜	1000원	9 개	80g	문구점	2023-11-17	제트스트림 5.jpg	10	2024-02-22 10:12	수정	삭제
10	100	허니버터칩	1000원	10 개	100g	농심	2024-01-01	005.jpg	10	2024-02-23 15:35	수정	삭제
11	100	버터쿠키	1000원	10 개	100g	수입사	2024-01-01	006.jpg	10	2024-02-23 15:36	수정	삭제
12	100	홍련볼	1000원	10 개	100g	해태	2024-01-01	null	10	2024-05-20 09:18	수정	삭제
13	300	수정테이프	1000원	10 개	100g	무명	2024-01-01	null	10	2024-05-20 11:05	수정	삭제

[관리자 메인으로](#)

전체 분류의 목록: 13개

상품 관련

<전체 주문 목록>

주문목록

[관리자 메인으로](#)

주문번호	주문자	상품명	주문가격	주문수량	주문일	결제계좌	배송명	배송지전화	배송지주소	배송지상황
2024022300001	abc@customer.com	피크닉	900	1	2024-02-23 10:44:00.0	1111-11111-1111 국민은행 홍길동	홍길동	대구시 신천동	010-1234-1234	상품 준비중
2024022310002	abc@customer.com	피크닉	900	1	2024-02-23 11:06:57.0	1111-11111-1111 국민은행 홍길동	홍길동	대구시 신천동	010-1234-1234	상품 준비중
2024022310003	abc@customer.com	오징어 떡볶	900	1	2024-02-23 11:40:47.0	1111-11111-1111 국민은행 홍길동	홍길동	대구시 신천동	010-1234-1234	상품 준비중
2024022310003	abc@customer.com	오레오	1350	1	2024-02-23 11:40:47.0	1111-11111-1111 국민은행 홍길동	홍길동	대구시 신천동	010-1234-1234	상품 준비중
2024022310004	abcde@customer.com	오징어 떡볶	900	1	2024-02-23 14:15:19.0	1111-11111-1111 국민은행 홍길동	홍길동	경북산업직업전문학교	010-1111-1234	대구시 신천동 상품 준비중
2024022310005	abcde@customer.com	웰치스	900	10	2024-02-23 14:15:54.0	1111-11111-1111 국민은행 홍길동	홍길동	경북산업직업전문학교	010-1111-1234	대구시 신천동 상품 준비중
2024022310006	abcd@customer.com	오징어 떡볶	900	1	2024-02-23 14:26:15.0	1111-11111-1111 국민은행 홍길동	안길동	010-1234-1234	주소를 수정가능함	상품 준비중
2024052100001	customer1@store.com	오징어 떡볶	900	1	2024-05-21 09:07:40.0	1111-11111-1111 국민은행 홍길동	김손님	010-1234-5678	경산시 경산로 7길	상품 준비중
2024052100001	customer1@store.com	제트스트림 볼펜	900	1	2024-05-21 09:07:40.0	1111-11111-1111 국민은행 홍길동	김손님	010-1234-5678	경산시 경산로 7길	상품 준비중
2024052100001	customer1@store.com	가위	720	1	2024-05-21 09:07:40.0	1111-11111-1111 국민은행 홍길동	김손님	010-1234-5678	경산시 경산로 7길	상품 준비중

회원 관련

<회원 목록>

관리자 메인으로

아이디	비밀번호	이름	가입일	주소	전화번호	수정	삭제
abcd@customer.com	1234	안길동	2024-02-23 10:15:36.0	주소를 수정가능함	010-1234-1234	수정	삭제
customer1@store.com	1234	김손님	2024-02-23 10:56:42.0	경산시 경산로 7길	010-1234-5678	수정	삭제
customer2@store.com	1234	박손님	2024-02-23 10:56:42.0	경상북도 경산시 옥곡동	010-1122-5678	수정	삭제
customer3@store.com	1234	안손님	2024-02-23 10:56:43.0	대구 동구 둔산로	010-1122-5578	수정	삭제
customer4@store.com	1234	황손님	2024-02-23 10:56:43.0	경기도 시흥시	010-1422-5578	수정	삭제
customer6@store.com	1234	백손님	2024-02-23 10:56:44.0	서울특별시 서초구 서초동	010-1872-9678	수정	삭제
customer5@store.com	1234	왕손님	2024-02-23 10:56:44.0	서울특별시 종로구 세종대로	010-1332-5558	수정	삭제
customer7@store.com	1234	공손님	2024-02-23 10:57:41.0	대구 동구 백안동	010-7772-9678	수정	삭제
customer8@store.com	1234	남손님	2024-02-23 10:58:12.0	대구 칠곡	010-9072-1054	수정	삭제
customer9@store.com	1234	강손님	2024-02-23 10:59:02.0	대구 동구 중대동	010-5765-1294	수정	삭제

[1] [2]



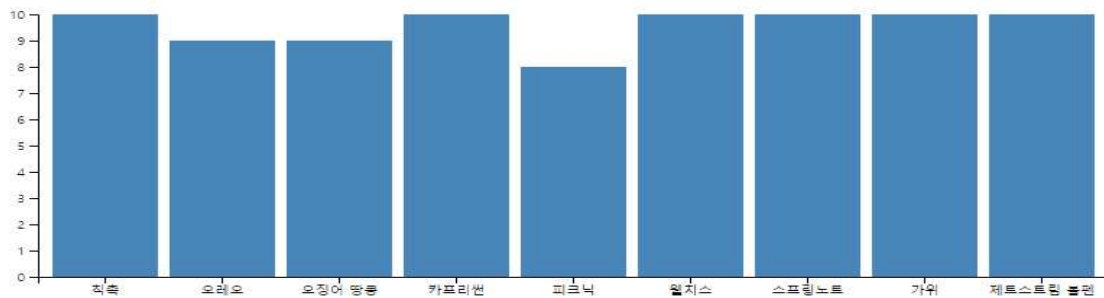
판매 통계

[관리자메인으로](#)

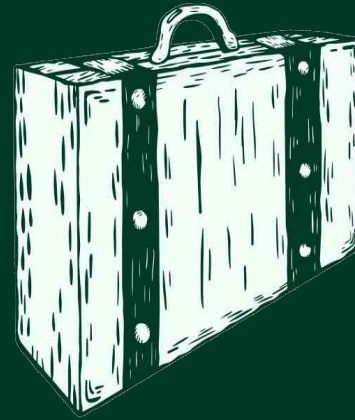
판매 통계

아이디	분류	상품명	수량
11	100	칙촉	10
12	100	오레오	9
13	100	오징어 땅콩	9
14	200	카프리션	10
15	200	피크닉	8
16	200	멜치스	10
17	300	스프링노트	10
18	300	가위	10
19	300	제트스트림 볼펜	10

판매 그래프



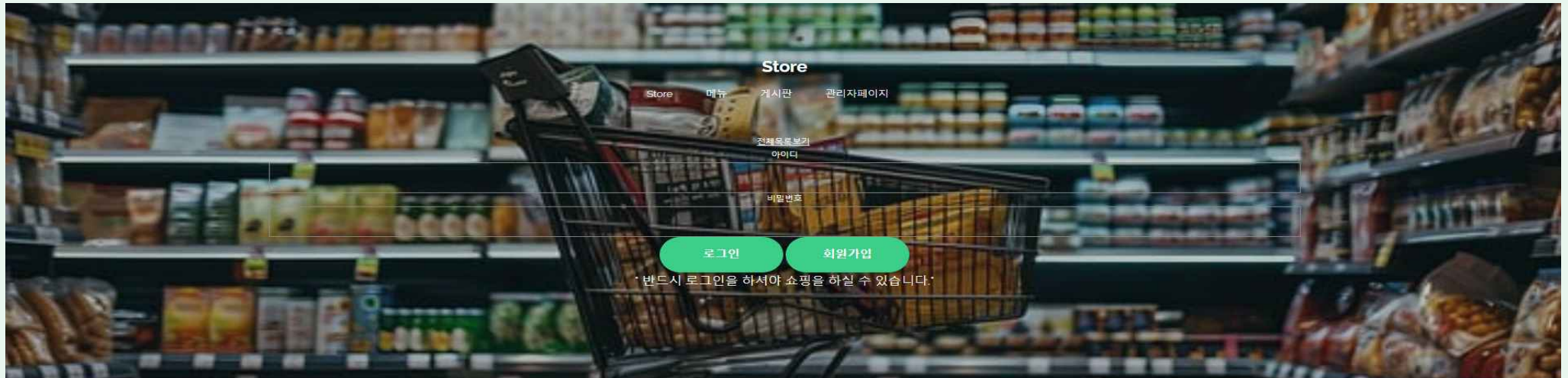
메인 Page



[목차 페이지로 돌아가기](#)



메인 HomePage



판매 상품

다양한 상품들이 준비되어 있습니다!



과자



음료수



문구



<회원가입>

Sign up

id

passwd

name

address

tel

Sign up

<전체 상품 목록>

상품분류			
전체목록보기	과자	음료	문구 계시판
전체 분류의 목록			
메인으로			
	칙촉		
	제조사 : 롯데제과		남은수량 : 10개
	제조일 : 2024-01-01		
	중량 : 100g		
	정가 : 2,000원 판매가 : 1,800 원		
	오레오		
	제조사 : 몬플리즈		남은수량 : 9개
	제조일 : 2023-10-01		
	중량 : 100g		
	정가 : 1,500원 판매가 : 1,350 원		
	오징어 땅콩		
	제조사 : 오리온		남은수량 : 6개
	제조일 : 2024-02-03		
	중량 : 100g		
	정가 : 1,000원 판매가 : 900 원		
	카프리썬		
	제조사 : 농심		남은수량 : 10개
	제조일 : 2023-12-05		
	중량 : 100g		
	정가 : 1,000원 판매가 : 900 원		
	파크닉		
	제조사 : 매일유업		남은수량 : 8개
	제조일 : 2023-11-22		

게시판

쇼핑물

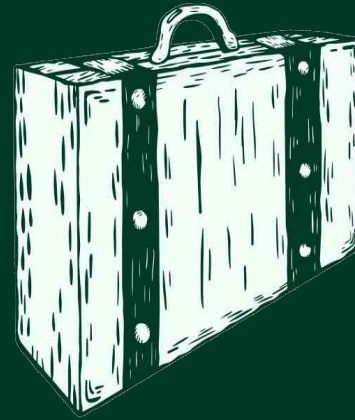
글쓰기

번호	제목	작성자	작성일	조회	IP
18	신상품 입고 예정	관리자	2024-02-23 10:49	3	0:0:0:0:0:0:1
17	[달변]와우	익명	2024-02-23 10:50	1	0:0:0:0:0:0:1
16	[달변]기대줄	익명2	2024-02-23 10:50	0	0:0:0:0:0:0:1
15	나쁜말	익명	2024-02-23 10:49	4	0:0:0:0:0:0:1
14	가위는 어떤가위인가요?	익명	2024-02-23 10:48	2	0:0:0:0:0:0:1
13	[달변]일반 문구 가위입니다	관리자	2024-02-23 10:48	0	0:0:0:0:0:0:1
12	바른말 고운말 부탁드립니다	관리자	2024-02-23 10:47	0	0:0:0:0:0:0:1
11	뭐가맛있나요?	행인1	2024-02-23 10:46	1	0:0:0:0:0:0:1
10	[달변]오레오 추천합니다	익명	2024-02-23 10:47	0	0:0:0:0:0:0:1
9	과자가 이상해요 너무 맛있어요	익명	2024-02-23 10:45	2	0:0:0:0:0:0:1

[1] [2]

글목록(전체 글:18)

고객 Page






<장바구니>

장바구니

번호	상품명	판매가격	수량	금액
1	 오레오	1,350	1 <input type="text"/> 수정	1,350 <input type="button" value="삭제"/>
2	 피크닉	900	1 <input type="text"/> 수정	900 <input type="button" value="삭제"/>
3	 스프링노트	1,800	1 <input type="text"/> 수정	1,800 <input type="button" value="삭제"/>

총 금액 : 4,050원

<주문>

번호	상품명	판매가격	수량	금액
1	 오레오	1,350	1	1,350
2	 피크닉	900	1	900
3	 스프링노트	1,800	1	1,800

총 구매금액 : 4,050

주문자 정보

성명

정길동

전화번호

010-1234-5678

주소

대구시 동구 신천동

결제계좌

1111-11111-1111 국민은행 정길동

배송지 정보

성명

정길동

전화번호

010-1234-5678

주소

대구시 동구 신천동


확인


취소




<구매 목록>

membership@customer.com님의 구매목록

번호	상품명	판매가격	수량	금액
2024052110002	 오레오	₩1,350	1	₩1,350

번호	상품명	판매가격	수량	금액
2024052110002	 피크닉	₩900	1	₩900

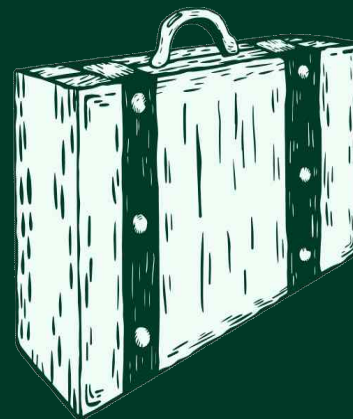
번호	상품명	판매가격	수량	금액
2024052110002	 스프링노트	₩1,800	1	₩1,800

메인으로

프로젝트 코드(CRUD)

- 메인 Page
- 회원가입
- 상품관련
- 장바구니
- 판매통계

메인Page



[목차 페이지로 돌아가기](#)



메인Page(1)

```
1 <!DOCTYPE HTML>
2 <!--
3     Horizons by TEMPLATED
4     templated.co @templatedco
5     Released for free under the Creative Commons Attribution 3.0 license (templated.co/license)
6 -->
7 <%@ page language="java" contentType="text/html; charset=UTF-8"
8     pageEncoding="UTF-8"%>
9 <html>
10 <head>
11 <title>Store</title>
12 <meta http-equiv="content-type" content="text/html; charset=utf-8">
13 <meta name="description" content=""><meta name="keywords" content="">
14 <meta name="robots" content="index, follow, max-image-preview:large, max-snippet:-1, max-video-preview:-1">
15 <!--[if lte IE 8]>
16 <script src="css/ie/html5shiv.js"></script>
17 <![endif]-->
18 <script src="js/jquery.min.js"></script>
19 <script src="js/jquery.dropotron.min.js"></script>
20 <script src="js/skel.min.js"></script>
21 <script src="js/skel-layers.min.js"></script>
22 <script src="js/init.js"></script>
23 <noscript>
24 <link rel="stylesheet" href="css/skel.css">
25 <link rel="stylesheet" href="css/style.css">
26 </noscript>
27 <!--[if lte IE 8]>
28 <link rel="stylesheet" href="css/ie/v8.css" />
29 <![endif]-->
30 </head>
31 <body class="homepage">
32
33 <!-- Header -->
34 <div id="header">
35 <div class="container">
```

```
37 <!-- Logo -->
38 <h1><a href="#" id="logo">Store</a></h1>
39
40 <!-- Nav -->
41 <nav id="nav"><ul><li><a href="shopMain.jsp">Store</a></li>
42 <li>
43 <a href="#">메뉴</a>
44 <ul><li><a href="..shopping/list.jsp?product_kind=all">전체목록</a></li>
45 <li><a href="..shopping/list.jsp?product_kind=100">과자</a></li>
46 <li><a href="..shopping/list.jsp?product_kind=200">음료</a></li>
47 <li><a href="..shopping/list.jsp?product_kind=300">문구</a></li>
48 </ul></li>
49 <li><a href="..board/list.jsp">게시판</a></li>
50 <li><a href="..manager/managerMain.jsp">관리자페이지</a></li>
51 <li><a href="no-sidebar.html"></a></li>
52 </ul></nav><!-- Banner --><div id="banner">
53 <div class="container">
54 <section><header class="major">
55 <%
56 try{
57 if(session.getAttribute("id")==null){%>
58 <a href="..shopping/list.jsp?product_kind=all">전체목록보기</a>&nbsp;&nbsp;&nbsp;
59 <br>
60
61 <form name="inform" method="post" action="loginPro.jsp">
62 아이디 <input type="text" name="id" size="5" maxlength="50" >
63 비밀번호 <input type="password" name="passwd" size="5" maxlength="16" >
64 <input type="submit" name="Submit" value="로그인">
65 <input type="button" value="회원가입" onclick = "location.href='..manager/Customers/customerRegisterForm.jsp'">
66 </form>
```



메인 Page(2)

```

69 }else{
70     <a href="../shopping/list.jsp?product_kind=all">전체목록보기</a>&nbsp;
71     <a href="../shopping/cartList.jsp?product_kind=all">장바구니보기</a>&nbsp;
72     <a href="../shopping/buyList.jsp">구매목록보기</a>&nbsp;
73
74     <br><br>
75     <b>%=session.getAttribute("id")%</b> 님 , 즐거운 쇼핑시간이 되세요.
76
77     <input type="button" value="로그아웃"
78         onclick="javascript:window.location='../shopping/logout.jsp'">
79
80
81 }
82 }catch(NullPointerException e){
83     e.printStackTrace();
84 }
85 }
86
87
88
89
90
91
92
93
94 <!-- Featured -->
95 <div class="wrapper style2">
96 <section class="container"><header class="major"><h2>판매 상품</h2>
97 <span class="byline">다양한 상품들이 준비되어 있습니다!</span>
98 </header>
99 <div class="row no-collapse-1">
100 <section class="4u"><a href="#" class="image feature"></a>
101 <p>과자</p>
102 </section><section class="4u"><a href="#" class="image feature">
103 <p>음료수</p>
104 </section><section class="4u"><a href="#" class="image feature">
105 <p>문구</p>
106 </section>
107 </div>
108 </section></div>

```

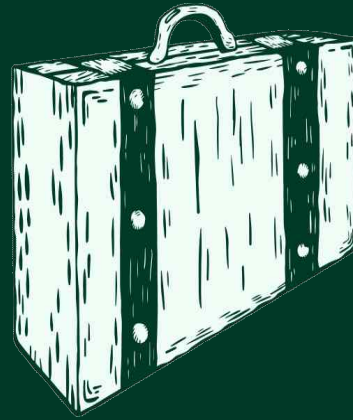
```

110 <!-- Main -->
111 <div id="main" class="wrapper style1">
112 <section class="container">
113 <% include file = "introList.jsp" %>
114
115 </section>
116 </div>
117
118 <!-- Footer -->
119 <div id="footer">
120 <div class="container">
121
122 <!-- Lists -->
123 <div class="row">
124 <div class="8u">
125
126 </div>
127 </div>
128
129 </div>
130 </div>
131 <div class="copyright">
132 <font color = "white">개인정보 보호 정책 | 홈페이지 이용안내 | E-MAIL | 도움말 | 약관</font><br>
133 <font color = "white" size="2">본 웹 사이트는 이메일주소가 무단으로 수집되는 것을 거부합니다.</font><br>
134 Design by: <a href="https://templated.co/">TEMPLATED</a>
135 </div>
136 </body></html>

```

회원가입

- CRUD





회원가입(1)

```
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2 | pageEncoding="UTF-8"%>
3 <!DOCTYPE html>
4 <html>
5 <head>
6 <meta charset="UTF-8">
7 <title>회원가입</title>
8 <link href=customerRegisterStyle.css rel="stylesheet" type="text/css">
9 <script type = "text/javascript" src = "registerScript.js"></script>
10 </head>
11 <body>
12 <form method="post" action="customerRegisterPro.jsp">
13 <div class="form-structor">
14 <div class="signup">
15 <h2 class="form-title" id="signup"><span>or</span>Sign up</h2>
16 <div class="form-holder">
17
18 <input type="text" class="input" placeholder="id" name = "id" id="id"/>
19 <input type="password" class="input" placeholder="passwd" name="passwd" id="passwd"/>
20 <input type="text" class="input" placeholder="name" name="name" id="name"/>
21 <input type="text" class="input" placeholder="address" name="address" id="address"/>
22 <input type="text" class="input" placeholder="tel" name="tel" id="tel"/>
23 <input type = "hidden" name = "reg_date" id="reg_date">
24 </div>
25 <input type="button" value = "Sign up" class="submit-btn" onclick="Validation(this.form)">
26 </form>
27 </div>
28 </div>
29
30 </body>
31 </html>
```




회원가입(2)

```
1  <%@ page language="java" contentType="text/html; charset=UTF-8"
2      pageEncoding="UTF-8"%>
3
4      <%@ page import="java.sql.*"%>
5  <%@ page import="store.shopping.CustomerDBBean" %>
6  <%@ page import = "java.sql.Timestamp" %>
7
8  <% request.setCharacterEncoding("utf-8");%>
9
10 <jsp:useBean id="member" class="store.shopping.CustomerDataBean">
11     <jsp:setProperty name="member" property="*" />
12 </jsp:useBean>
13
14 <%
15     member.setReg_date(new Timestamp(System.currentTimeMillis()));
16     CustomerDBBean logon = CustomerDBBean.getInstance();
17     logon.insertMember(member);
18 %>
19 <script>
20     alert("회원가입을 축하합니다.");
21     window.location.href="../../shopping/shopMain.jsp";
22 </script>
```



고객 조회(1)

```
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2   pageEncoding="UTF-8"%>
3   <%@ page import = "store.shopping.CustomerDataBean"%>
4   <%@ page import = "store.shopping.CustomerDBBean" %>
5   <%@ page import = "java.util.List" %>
6   <%@ page import = "java.text.SimpleDateFormat" %>
7   <%@ page import = "java.sql.Timestamp" %>
8   <%
9       int pageSize = 10;
10      SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd HH:mm");
11
12      String pageNum = request.getParameter("pageNum");
13
14      if(pageNum == null)
15      {
16          pageNum = "1";
17      }
18
19      int currentPage = Integer.parseInt(pageNum);
20      int startRow = (currentPage - 1) * pageSize + 1;
21      int endRow = currentPage * pageSize;
22      int count = 0;
23      int number = 0;
24      List<CustomerDataBean> customerList = null;
25
26      CustomerDBBean dbPro = CustomerDBBean.getInstance();
27      count = dbPro.getCustomerCount();
28
29      if (count > 0)
30      {
31          customerList = dbPro.getCustomers(startRow, pageSize);
32      }
33
```

```
34      number = count - (currentPage-1)*pageSize;
35      %>
36      <style>
37          .white{color : ■ white;}
38          .black{color : □ black;}
39      </style>
40
41      <!DOCTYPE html>
42      <html>
43      <head>
44          <meta charset="UTF-8">
45          <title>회원목록</title>
46      </head>
47      <body bgcolor="azure">
48          <table>
49              <tr>
50                  <td align="right" colspan="2" bgcolor="#808080">
51                      <a href=" ../managerMain.jsp"> 관리자 메인으로</a>
52                  </td>
53              </tr>
54          </table>
55
56          <% if (count == 0) { %>
57
58              <table>
59                  <tr>
60                      <td align="center">
61                          ||||| 회원이 없습니다.
62                      </td>
63                  </tr>
64              </table>
65          <%} else {%>
66              <table border = "1">
```



고객 조회(2)

```
67 <tr height="30">
68 <th bgcolor="skyblue" align="center" width="200">아이디</th>
69 <th bgcolor="skyblue" align="center" width="150">비밀번호</th>
70 <th bgcolor="skyblue" align="center" width="100">이름</th>
71 <th bgcolor="skyblue" align="center" width="200">가입일</th>
72 <th bgcolor="skyblue" align="center" width="300">주소</th>
73 <th bgcolor="skyblue" align="center" width="150">전화번호</th>
74 <th bgcolor="skyblue" align="center" width="50">수정</th>
75 <th bgcolor="skyblue" align="center" width="50">삭제</th>
76 </tr>
77 <%
78 for (int i = 0 ; i < customerList.size() ; i++) {
79     CustomerDataBean customer = customerList.get(i);
80 %>
81 <tr height="30">
82 <td width="200" align = "center"> <%=customer.getId()%></td>
83 <td width="150" align = "center"><%=customer.getPasswd() %></td>
84 <td width = "100" align = "center"><%=customer.getName() %></td>
85 <td width = "200" align = "center"><%=customer.getReg_date() %></td>
86 <td width = "300" align = "center"><%=customer.getAddress() %></td>
87 <td width = "150" align = "center"><%=customer.getTel() %></td>
88 <td width="50">
89 <a href="customerUpdateForm.jsp?id=<%=customer.getId()%>&passwd=<%=customer.getPasswd()%>&name=<%=customer.getName()%>
90 &date=<%=customer.getReg_date() %>&address=<%=customer.getAddress()%>&tel=<%=customer.getTel()%>">수정</a></td>
91 <td width="50">
92 <a href="customerDeleteForm.jsp?id=<%=customer.getId()%>&passwd=<%=customer.getPasswd()%>">삭제</a></td>
93 <%
94
95 %>
96
97 <%>
```



고객 조회(3)

```
100 </table>
101 <% } %>
102
103 <%
104     if (count > 0) {
105         int pageCount = count / pageSize + (count % pageSize == 0 ? 0 : 1);
106         int startPage = 1;
107
108         if (currentPage % 10 != 0)
109             startPage = (int)(currentPage/10)*10 + 1;
110         else
111             startPage = ((int)(currentPage/10)-1)*10 + 1;
112
113         int pageBlock = 10;
114         int endPage = startPage + pageBlock - 1;
115         if (endPage > pageCount) endPage = pageCount;
116
117         if (startPage > 10) { %>
118             <a href="customerList.jsp?pageNum=<%= startPage - 10 %>">[이전]</a>
119         }
120
121         for (int i = startPage ; i <= endPage ; i++) { %>
122             <a href="customerList.jsp?pageNum=<%= i %>"><%= i %></a>
123         }
124
125         if (endPage < pageCount) { %>
126             <a href="customerList.jsp?pageNum=<%= startPage + 10 %>">[다음]</a>
127         }
128     }
129 }
130 %>
131
132 </body>
133 </html>
```



고객정보 수정(1)

```
1  <%@ page language="java" contentType="text/html; charset=UTF-8"
2      pageEncoding="UTF-8"%>
3      <%@ page import = "store.shopping.CustomerDataBean" %>
4      <%@ page import = "store.shopping.CustomerDBBean" %>
5      <%@ page import = "java.sql.Timestamp" %>
6      <%
7          String id = request.getParameter("id");
8          String passwd = request.getParameter("passwd");
9          String name = request.getParameter("name");
10         String date = request.getParameter("date");
11         String address = request.getParameter("address");
12         String tel = request.getParameter("tel");
13     %>
14
15 <!DOCTYPE html>
16 <html>
17 <head>
18 <meta charset="UTF-8">
19 <title>회원 수정</title>
20 </head>
21 <body>
22 <form method = "post" action = "customerUpdatePro.jsp">
23     <table>
24     <tr>
25         <td align="right" colspan="2" >
26             <a href="../managerMain.jsp"> 관리자 메인으로</a> &nbsp;   <a href="customerList.jsp">목록으로</a>
27         </td>
28     </tr>
29 </table>
```

```
31     <table >
32     <tr>
33         <td align = "center">아이디</td>
34         <td><%=id %><input type = "hidden" name = "id" value = "<%=id%>"></td>
35     </tr>
36     <td align = "center">비밀번호</td>
37     <td><input type = "text" name = "passwd" value = "<%=passwd%>"></td>
38 </tr>
39 <tr>
40     <td align = "center">이름</td>
41     <td><input type = "text" name = "name" value = "<%=name%>"></td>
42 </tr>
43 <tr>
44     <td align = "center">주소</td>
45     <td><input type = "text" name = "address" value = "<%=address%>"></td>
46 </tr>
47 <tr>
48     <td align = "center">전화번호</td>
49     <td><input type = "text" name = "tel" value = "<%=tel%>"></td>
50 </tr>
51 </table>
52 <input type = "hidden" name = "date" value = "<%=date%>">
53 <input type = "submit" value = "수정완료">
54 </form>
55 </body>
56 </html>
```




고객정보 수정(2)

```
1  <%@ page language="java" contentType="text/html; charset=UTF-8"
2     pageEncoding="UTF-8"%>
3     <%@ page import = "store.shopping.CustomerDBBean" %>
4     <%@ page import = "java.sql.Timestamp" %>
5     <% request.setCharacterEncoding("utf-8"); %>
6
7     <jsp:useBean id = "member" scope = "page" class = "store.shopping.CustomerDataBean">
8
9     </jsp:useBean>
10    <%
11
12    String id = request.getParameter("id");
13    String passwd = request.getParameter("passwd");
14    String name = request.getParameter("name");
15    String address = request.getParameter("address");
16    String tel = request.getParameter("tel");
17
18
19    member.setPasswd(passwd);
20    member.setName(name);
21    member.setAddress(address);
22    member.setTel(tel);
23    member.setId(id);
24
25
26
27    CustomerDBBean process = CustomerDBBean.getInstance();
28    process.updateMember(member);
29
30    response.sendRedirect("customerList.jsp");
31    %>
```



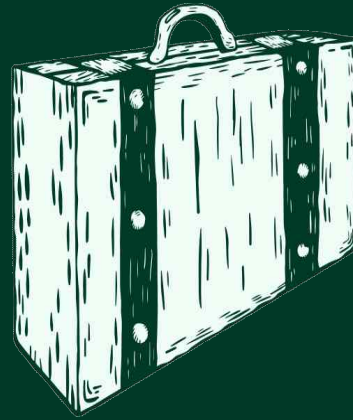
회원 삭제(1)

```
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2   pageEncoding="UTF-8"%>
3 <%
4   String id = request.getParameter("id");
5   String passwd = request.getParameter("passwd");
6   %>
7 <!DOCTYPE html>
8 <html>
9 <head>
10 <meta charset="UTF-8">
11 <title>회원 삭제</title>
12 </head>
13 <body>
14 <form method = "post" action = "customerDeletePro.jsp?id=<%=id%>&passwd=<%=passwd%>">
15
16   <table>
17   <tr>
18     <td align="right" >
19       <a href="../managerMain.jsp"> 관리자 메인으로</a> &nbsp;
20       <a href="customerList.jsp">목록으로</a>
21     </td>
22   </tr>
23
24   <tr height="30">
25     <td align="center">
26       <input type="submit" value="삭제" >
27     </td>
28   </tr>
29 </table>
30 </form>
31 </body>
32 </html>
```

```
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2   pageEncoding="UTF-8"%>
3 <!DOCTYPE html>
4 <%@ page import = "store.shopping.CustomerDBBean" %>
5 <% request.setCharacterEncoding("utf-8"); %>
6 <%
7   String id = request.getParameter("id");
8   String passwd = request.getParameter("passwd");
9
10   CustomerDBBean customerProcess = CustomerDBBean.getInstance();
11   customerProcess.deleteMember(id, passwd);
12
13   response.sendRedirect("customerList.jsp");
14
15 %>
```

상품관련

- CRUD





상품 등록(1)

```
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2 | pageEncoding="UTF-8"%>
3 <%@ page import = "java.sql.Timestamp" %>
4
5 <%@ include file="../../../etc/color.jspf"%>
6
7 |
8
9 <%
10 String managerId = "";
11 try{
12     managerId = (String)session.getAttribute("managerId");
13     if(managerId==null || managerId.equals("")){
14         response.sendRedirect("../logon/managerLoginForm.jsp");
15     }else{
16 %>
17 <html>
18 <head>
19 <title>상품등록</title>
20 <link href="../../../etc/style.css" rel="stylesheet" type="text/css">
21 <script type="text/javascript" src="../../../etc/script.js"></script>
22 </head>
23 <body bgcolor="<%=bodyback_c%>">
24 <p><table style='border:0 solid ■ white'><td><h2>상품 등록</h2></td></table>
25 <br>
26
27 <form method="post" name="writeform"
28 | action="productRegisterPro.jsp" enctype="multipart/form-data">
29 <table>
30 <tr>
31 <td align="right" colspan="2" bgcolor="<%=value_d%>">
32 <a href="../managerMain.jsp"> 관리자 메인으로</a>
33 </td>
34 <td></td><td></td>
35 <td align="right" colspan="2" bgcolor="<%=value_d%>">
36 <a href='productList.jsp?product_kind=all'>상품리스트로</a>
37 </td>
38 </tr>
39 <tr>
```



상품 등록(2)

```
40 <td width="100" bgcolor="<%=value_c%>">분류 선택</td>
41 <td width="400" align="left">
42 <select name="product_kind">
43 <option value="100">과자</option>
44 <option value="200">음료</option>
45 <option value="300">문구</option>
46 </select>
47 </td>
48 </tr>
49 <tr>
50 <td width="100" bgcolor="<%=value_c%>">이름</td>
51 <td width="400" align="left">
52 <input type="text" size="50" maxlength="50" name="product_name"></td>
53 </tr>
54 <tr>
55 <td width="100" bgcolor="<%=value_c%>">가격</td>
56 <td width="400" align="left">
57 <input type="text" size="10" maxlength="9" name="product_price">원</td>
58 </tr>
59 <tr>
60 <td width="100" bgcolor="<%=value_c%>">수량</td>
61 <td width="400" align="left">
62 <input type="text" size="10" maxlength="5" name="product_count">개</td>
63 </tr>
64 <tr>
65 <td width="100" bgcolor="<%=value_c%>">중량</td>
66 <td width="400" align="left">
67 <input type="text" size="20" maxlength="30" name="product_weight">g</td>
68 </tr>
69 <tr>
70 <td width="100" bgcolor="<%=value_c%>">제조사</td>
71 <td width="400" align="left">
72 <input type="text" size="20" maxlength="30" name="publishing_com"></td>
73 </tr>
74 <tr>
75 <td width="100" bgcolor="<%=value_c%>">제조일</td>
76 <td width="400" align="left">
77 <select name="publishing_year">
78 <%
79 Timestamp nowTime = new Timestamp(System.currentTimeMillis());
80 int lastYear = Integer.parseInt(nowTime.toString().substring(0,4));
81 for(int i=lastYear;i>=2010;i--){
82 <%
```

```
83 <option value="<%=i %>"><%=i %></option>
84 <%> %>
85 </select>>년
86 <select name="publishing_month">
87 <%
88 for(int i=1;i<=12;i++){
89 <%
90 <option value="<%=i %>"><%=i %></option>
91 <%> %>
92 </select>>월
93 <select name="publishing_day">
94 <%
95 for(int i=1;i<=31;i++){
96 <%
97 <option value="<%=i %>"><%=i %></option>
98 <%> %>
99 </select>>일
100 <%> %>
101 </td>
102 </tr>
103 <tr>
104 <td width="100" bgcolor="<%=value_c%>">이미지</td>
105 <td width="400" align="left">
106 <input type="file" name="product_image"></td>
107 </tr>
108 <tr>
109 <td width="100" bgcolor="<%=value_c%>">할인율</td>
110 <td width="400" align="left">
111 <input type="text" size="5" maxlength="2" name="discount_rate">%</td>
112 </tr>
113 <tr>
114 <td colspan="2" bgcolor="<%=value_d%>" align="center">
115 <input type="button" value="상품등록" onclick="checkForm(this.form)">
116 <input type="reset" value="다시작성">
117 </td></tr></table>
118 </form>
119 </body>
120 </html>
```



상품 등록(3)

```
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2   pageEncoding="UTF-8"%>
3 <%@ page import = "store.master.StoreDBBean" %>
4 <%@ page import = "java.sql.Timestamp" %>
5 <%@ page import="com.oreilly.servlet.MultipartRequest"%>
6 <%@ page import="com.oreilly.servlet.multipart.DefaultFileRenamePolicy"%>
7 <%@ page import="java.util.*"%>
8 <%@ page import="java.io.*"%>
9
10 <% request.setCharacterEncoding("utf-8");%>
11
12 <%
13   String realFolder = "";
14   String filename = "";
15   MultipartRequest imageUp = null;
16
17   String saveFolder = "/imageFile";
18   String encType = "utf-8";
19   int maxSize = 2*1024*1024;
20   ServletContext context = getServletContext();
21   realFolder = context.getRealPath(saveFolder);
22
23   try{
24     imageUp = new MultipartRequest(
25       request,realFolder,maxSize,encType,new DefaultFileRenamePolicy());
26
27     Enumeration<?> files = imageUp.getFileNames();
28
29     while(files.hasMoreElements()){
30       String name = (String)files.nextElement();
31
32       filename = imageUp.getFilesystemName(name);
33     }
34   }catch(Exception e){
35     e.printStackTrace();
36   }
37 %>
```

```
39 <jsp:useBean id="product" scope="page"
40   class="store.master.StoreDataBean">
41 </jsp:useBean>
42
43 <%
44   String product_kind = imageUp.getParameter("product_kind");
45   String product_name = imageUp.getParameter("product_name");
46   String product_price = imageUp.getParameter("product_price");
47   String product_count = imageUp.getParameter("product_count");
48   String product_weight = imageUp.getParameter("product_weight");
49   String publishing_com = imageUp.getParameter("publishing_com");
50   String discount_rate = imageUp.getParameter("discount_rate");
51
52   String year = imageUp.getParameter("publishing_year");
53   String month =
54     (imageUp.getParameter("publishing_month").length()==1)?
55     "0"+ imageUp.getParameter("publishing_month"):
56     imageUp.getParameter("publishing_month");
57   String day = (imageUp.getParameter("publishing_day").length()==1)?
58     "0"+ imageUp.getParameter("publishing_day"):
59     imageUp.getParameter("publishing_day");
60
61   product.setProduct_kind(product_kind);
62   product.setProduct_name(product_name);
63   product.setProduct_price(Integer.parseInt(product_price));
64   product.setProduct_count(Short.parseShort(product_count));
65   product.setProduct_weight(Short.parseShort(product_weight));
66   product.setPublishing_com(publishing_com);
67   product.setPublishing_date(year+"-"+month+"-"+day);
68   product.setProduct_image(filename);
69   product.setDiscount_rate(Byte.parseByte(discount_rate));
70   product.setReg_date(new Timestamp(System.currentTimeMillis()));
71
72   StoreDBBean productProcess = StoreDBBean.getInstance();
73   productProcess.insertProduct(product);
74
75   response.sendRedirect("productList.jsp?product_kind="+product_kind);
76 %>
```




상품 조회(1)

```
1  <%@ page language="java" contentType="text/html; charset=UTF-8"
2  pageEncoding="UTF-8"%>
3  <%@ page import = "store.master.StoreDBBean" %>
4  <%@ page import = "store.master.StoreDataBean" %>
5  <%@ page import = "java.util.List" %>
6  <%@ page import = "java.text.SimpleDateFormat" %>
7
8  <%@ include file="../../../etc/color.jspf"%>
9
10 <%
11 String managerId = "";
12 try{
13     managerId = (String)session.getAttribute("managerId");
14     if(managerId==null || managerId.equals("")){
15         response.sendRedirect("../logon/managerLoginForm.jsp");
16     }else{
17 %>
18
19 <%!
20     SimpleDateFormat sdf =
21         new SimpleDateFormat("yyyy-MM-dd HH:mm");
22 %>
23
24 <%
25     List<StoreDataBean> productList = null;
26     int number =0;
27     String product_kind="";
28
29     product_kind = request.getParameter("product_kind");
30
31     StoreDBBean productProcess = StoreDBBean.getInstance();
32     int count = productProcess.getProductCount();
33
34     if (count > 0) {
35         productList = productProcess.getProducts(product_kind);
36     }
37 %>
```

```
38 <html>
39 <head>
40 <title>등록된 상품 목록</title>
41 <link href="../../../etc/style.css" rel="stylesheet" type="text/css">
42 </head>
43 <body bgcolor="<%=bodyback_c%>">
44 <%
45     String product_kindName="";
46     if(product_kind.equals("100")){
47         product_kindName="과자";
48     }else if(product_kind.equals("200")){
49         product_kindName="음료";
50     }else if(product_kind.equals("300")){
51         product_kindName="문구";
52     }else if(product_kind.equals("all")){
53         product_kindName="전체";
54     }
55 %>
56 <table style='border:0 solid ■ white'>
57 <tr>
58 <td align="right" colspan="2" bgcolor="<%=value_d%>">
59 <a href="../managerMain.jsp"> <h3>관리자 메인으로</h3></a>
60 </td>
61 </tr>
62 </table>
63 <p>
64 <p>
65 <table>
66 <td align="right" bgcolor="<%=value_d%>">
67 <a href="productRegisterForm.jsp">상품 등록</a>
68 </td>
69 <td></td><td></td><td></td>
70 <td align="right" bgcolor="<%=value_d%>">
71 <a href='productList.jsp?product_kind=all'>전체목록</a>
72 </td>
73 <td></td><td></td><td></td>
```



상품 조회(2)

```
75 </table>
76 <br>
77 <table style='border:0 solid ■ white'>
78   <td align="right" bgcolor="<%=value_d%>">
79     <a href="productList.jsp?product_kind=<%=100%>">과자</a>
80   </td>
81   <td></td><td></td><td></td>
82   <td align="right" bgcolor="<%=value_d%>">
83     <a href="productList.jsp?product_kind=<%=200%>">음료</a>
84   </td>
85   <td></td><td></td><td></td>
86   <td align="right" bgcolor="<%=value_d%>">
87     <a href="productList.jsp?product_kind=<%=300%>">문구</a>
88   </td>
89 </table>
90
91 <%
92   if (count == 0) {
93 %>
94 <table>
95 <tr>
96   <td align="center">
97     등록된 상품이 없습니다.
98   </td>
99 </table>
```

```
101 <%> else {%>
102 <table>
103   <tr height="30" bgcolor="<%=value_c%>">
104     <td align="center" width="30">번호</td>
105     <td align="center" width="30">상품분류</td>
106     <td align="center" width="100">이름</td>
107     <td align="center" width="50">가격</td>
108     <td align="center" width="50">수량</td>
109     <td align="center" width="70">중량</td>
110     <td align="center" width="70">제조사</td>
111     <td align="center" width="50">제조일</td>
112     <td align="center" width="50">상품이미지</td>
113     <td align="center" width="30">할인율</td>
114     <td align="center" width="70">등록일</td>
115     <td align="center" width="50">수정</td>
116     <td align="center" width="50">삭제</td>
117   </tr>
118 <%
119   for (int i = 0 ; i < productList.size() ; i++) {
120     StoreDataBean product =
121       (StoreDataBean)productList.get(i);
122 %>
123   <tr height="30">
124     <td width="30"><%=++number%></td>
125     <td width="30"><%=product.getProduct_kind()%></td>
126     <td width="100" align="left">
127       <%=product.getProduct_name()%></td>
128     <td width="50" align="right"><%=product.getProduct_price()%></td>
129     <td width="50" align="right">
130       <% if(product.getProduct_count()==0) {%>
131         <font color="red"><%= "일시품절" %></font>
132       <% }else{ %>
133         <%=product.getProduct_count()%>
134       <% } %>
135     </td>
```



상품 조회(3)

```
136 <td width="70"><%=product.getProduct_weight()%></td>
137 <td width="70"><%=product.getPublishing_com()%></td>
138 <td width="50"><%=product.getPublishing_date()%></td>
139 <td width="50"><%=product.getProduct_image()%></td>
140 <td width="50"><%=product.getDiscount_rate()%></td>
141 <td width="50"><%=sdf.format(product.getReg_date())%></td>
142 <td width="50">
143     <a href="productUpdateForm.jsp?product_id=<%=product.getProduct_id()%>
144         &product_kind=<%=product.getProduct_kind()%>">수정</a></td>
145 <td width="50">
146     <a href="productDeleteForm.jsp?product_id=<%=product.getProduct_id()%>
147         &product_kind=<%=product.getProduct_kind()%>">삭제</a></td>
148 </tr>
149 <%}%>
150 </table>
151 <%}%>
152 <br>
153 <a href="../managerMain.jsp"> <h2>관리자 메인으로</h2></a>
154 <p><%=product_kindName%> 분류의 목록:
155 <%if(product_kind.equals("all")){%>
156 | <%=count%>개
157 <%}else{%>
158 | <%=productList.size() %>개
159 <%} %>
160 </p>
161 </body>
162 </html>
163
164 <%
165 | }
166 }catch(Exception e){
167 | e.printStackTrace();
168 | }
169 %>
```


상품정보 수정(1)

```

1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2   pageEncoding="UTF-8"%>
3 <%@ page import = "java.sql.Timestamp" %>
4 <%@ page import = "store.master.StoreDBBean" %>
5 <%@ page import = "store.master.StoreDataBean" %>
6
7 <%@ include file="../../../etc/color.jspf"%>
8
9 <%
10 String managerId = "";
11 try{
12     managerId = (String)session.getAttribute("managerId");
13     if(managerId==null || managerId.equals("")){
14         response.sendRedirect("../login/managerLoginForm.jsp");
15     }else{
16 %>
17 <%
18 int product_id = Integer.parseInt(request.getParameter("product_id"));
19 String product_kind = request.getParameter("product_kind");
20 try{
21     StoreDBBean productProcess = StoreDBBean.getInstance();
22     StoreDataBean product = productProcess.getProduct(product_id);
23 %>
24 <html>
25 <head>
26 <title>상품수정</title>
27 <link href="../../../etc/style.css" rel="stylesheet" type="text/css">
28 <script type="text/javascript" src="../../../etc/script.js"></script>
29 </head>
30 <body bgcolor="<%=bodyback_c%>">
31 <p>상품 수정</p>
32 <br>
33
34 <form method="post" name="writeform"
35   action="productUpdatePro.jsp" enctype="multipart/form-data">

```

```

36 <table>
37 <tr>
38 <td align="right" colspan="2" bgcolor="%=value_c%">
39 <a href="../managerMain.jsp"> 관리자 메인으로</a> &nbsp;    
40 <a href="productList.jsp?product_kind=%=product_kind%">목록으로</a>
41 </td>
42 </tr>
43 <tr>
44 <td width="100" bgcolor="%=value_c%">분류 선택</td>
45 <td width="400" align="left">
46 <select name="product_kind">
47 <option value="100"
48 <%if (product.getProduct_kind().equals("100")) {%>selected{%} %>
49 >과자</option>
50 <option value="200"
51 <%if (product.getProduct_kind().equals("200")) {%>selected{%} %>
52 >음료수</option>
53 <option value="300"
54 <%if (product.getProduct_kind().equals("300")) {%>selected{%} %>
55 >문구</option>
56 </select>
57 </td>
58 </tr>
59 <tr>
60 <td width="100" bgcolor="%=value_c%">이름</td>
61 <td width="400" align="left">
62 <input type="text" size="50" maxlength="50" name="product_name"
63 value="%=product.getProduct_name() %">
64 <input type="hidden" name="product_id" value="%=product_id%"></td>
65 </tr>
66 <tr>
67 <td width="100" bgcolor="%=value_c%">가격</td>
68 <td width="400" align="left">
69 <input type="text" size="10" maxlength="9" name="product_price"
70 value="%=product.getProduct_price() %">원</td>

```

상품정보 수정(2)

```

71 </tr>
72 <tr>
73 <td width="100" bgcolor="<%=value_c%>">수량</td>
74 <td width="400" align="left">
75 <input type="text" size="10" maxlength="5" name="product_count"
76 value="<%=product.getProduct_count() %>">개</td>
77 </tr>
78 <tr>
79 <td width="100" bgcolor="<%=value_c%>">중량</td>
80 <td width="400" align="left">
81 <input type="text" size="10" maxlength="5" name="product_weight"
82 value="<%=product.getProduct_weight() %>">g</td>
83 </tr>
84 <tr>
85 <td width="100" bgcolor="<%=value_c%>">제조사</td>
86 <td width="400" align="left">
87 <input type="text" size="20" maxlength="30" name="publishing_com"
88 value="<%=product.getPublishing_com() %>"></td>
89 </tr>
90 <tr>
91 <td width="100" bgcolor="<%=value_c%>">제조일</td>
92 <td width="400" align="left">
93 <select name="publishing_year">
94 <%
95 Timestamp nowTime = new Timestamp(System.currentTimeMillis());
96 int lastYear = Integer.parseInt(nowTime.toString().substring(0,4));
97 for(int i=lastYear;i>=2010;i--){
98 %>
99 <option value="<%=i %>"
100 <%if (Integer.parseInt(product.getPublishing_date().substring(0,4))==i) {%>
101 selected<%} %><%=i %></option>
102 <%} %>
103 </select>년
104
105 <select name="publishing_month">

```

```

106 <%
107 for(int i=1;i<=12;i++){
108 %>
109 <option value="<%=i %>"
110 <%if (Integer.parseInt(product.getPublishing_date().substring(5,7))==i) {%>
111 selected<%} %><%=i %></option>
112 <%} %>
113 </select>월
114
115 <select name="publishing_day">
116 <%
117 for(int i=1;i<=31;i++){
118 %>
119 <option value="<%=i %>"
120 <%if (Integer.parseInt(product.getPublishing_date().substring(8))==i) {%>
121 selected<%} %><%=i %></option>
122 <%} %>
123 </select>일
124 </td>
125 </tr>
126 <tr>
127 <td width="100" bgcolor="<%=value_c%>">이미지</td>
128 <td width="400" align="left">
129 <input type="file" name="product_image"><%=product.getProduct_image() %></td>
130 </tr>
131 <tr>
132 <td width="100" bgcolor="<%=value_c%>">할인율</td>
133 <td width="400" align="left">
134 <input type="text" size="5" maxlength="2" name="discount_rate"
135 value="<%=product.getDiscount_rate() %>">%</td>
136 </tr>
137 <tr>
138 <td colspan="2" bgcolor="<%=value_c%>" align="center">
139 <input type="button" value="상품수정" onclick="updateCheckForm(this.form)">
140 <input type="reset" value="다시작성">
141 </td></tr></table>
142 </form>

```




상품정보 수정(3)

```
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2 | pageEncoding="UTF-8"%>
3 <%@ page import="store.master.StoreDBBean" %>
4 <%@ page import="java.sql.Timestamp" %>
5 <%@ page import="com.oreilly.servlet.MultipartRequest"%>
6 <%@ page import="com.oreilly.servlet.multipart.DefaultFileRenamePolicy"%>
7 <%@ page import="java.util.*"%>
8 <%@ page import="java.io.*"%>
9
10 <% request.setCharacterEncoding("utf-8");%>
11
12 <%
13 String realFolder = "";
14 String filename = "";
15 MultipartRequest imageUp = null;
16
17 String saveFolder = "/imageFile";
18 String encType = "utf-8";
19 int maxSize = 2*1024*1024;
20 ServletContext context = getServletContext();
21 realFolder = context.getRealPath(saveFolder);
22
23 try{
24     imageUp = new MultipartRequest(
25         request,realFolder,maxSize,encType,new DefaultFileRenamePolicy());
26
27     Enumeration<?> files = imageUp.getFileNames();
28
29     while(files.hasMoreElements()){
30         String name = (String)files.nextElement();
31
32         filename = imageUp.getFilesystemName(name);
33     }
34 }catch(IOException ioe){
35     System.out.println(ioe);
36 }catch(Exception ex){
37     System.out.println(ex);
38 }
39 %>
```

```
41 <jsp:useBean id="product" scope="page"
42 | class="store.master.StoreDataBean">
43 </jsp:useBean>
44
45 <%
46 int product_id= Integer.parseInt(imageUp.getParameter("product_id"));
47 String product_kind = imageUp.getParameter("product_kind");
48 String product_name = imageUp.getParameter("product_name");
49 String product_price = imageUp.getParameter("product_price");
50 String product_count = imageUp.getParameter("product_count");
51 String product_weight = imageUp.getParameter("product_weight");
52 String publishing_com = imageUp.getParameter("publishing_com");
53 String discount_rate = imageUp.getParameter("discount_rate");
54
55 String year = imageUp.getParameter("publishing_year");
56 String month =
57     (imageUp.getParameter("publishing_month").length()==1)?
58     "0"+ imageUp.getParameter("publishing_month"):
59     imageUp.getParameter("publishing_month");
60 String day = (imageUp.getParameter("publishing_day").length()==1)?
61     "0"+ imageUp.getParameter("publishing_day"):
62     imageUp.getParameter("publishing_day");
63
64 product.setProduct_kind(product_kind);
65 product.setProduct_name(product_name);
66 product.setProduct_price(Integer.parseInt(product_price));
67 product.setProduct_count(Short.parseShort(product_count));
68 product.setProduct_weight(Short.parseShort(product_weight));
69 product.setPublishing_com(publishing_com);
70 product.setPublishing_date(year+"-"+month+"-"+day);
71 product.setProduct_image(filename);
72 product.setDiscount_rate(Byte.parseByte(discount_rate));
73 product.setReg_date(new Timestamp(System.currentTimeMillis()));
74
75 StoreDBBean productProcess = StoreDBBean.getInstance();
76 productProcess.updateProduct(product, product_id);
77
78 response.sendRedirect("productList.jsp?product_kind="+product_kind);
79 %>
```

상품 삭제(1)

```

1  <%@ page language="java" contentType="text/html; charset=UTF-8"
2      pageEncoding="UTF-8"%>
3
4  <%@ include file="../../etc/color.jspf"%>
5
6  <%
7      String managerId = "";
8      try{
9          managerId = (String)session.getAttribute("managerId");
10         if(managerId==null || managerId.equals("")){
11             response.sendRedirect("../logon/managerLoginForm.jsp");
12         }else{
13             int product_id = Integer.parseInt(request.getParameter("product_id"));
14             String product_kind = request.getParameter("product_kind");
15         }
16     }%>
17
18 <html>
19 <head>
20 <title>상품삭제</title>
21 <link href="../../etc/style.css" rel="stylesheet" type="text/css">
22 </head>
23 <body bgcolor="<%=bodyback_c%>">
24 <table style='border:0 solid ■white'>
25 <tr><td width="">
26 <p>상품삭제 페이지</p>
27 </td></tr>
28 </table>

```

```

29 <br>
30 <form method="POST" name="delForm"
31     action="productDeletePro.jsp?product_id=<%= product_id%>&product_kind=<%=product_kind%>"
32     onsubmit="return deleteSave()">
33 <table style='border:0 solid ■white'>
34 <tr><td>
35 <a href='productList.jsp?product_kind=all'>전체 목록</a>
36 </td></tr>
37 </table>
38 <table>
39 <tr>
40 <td align="right" bgcolor="<%=value_c%>">
41 <a href="../managerMain.jsp"> 관리자 메인으로</a> &nbsp;
42 <a href="productList.jsp?product_kind=<%=product_kind%>">이전으로</a>
43
44 </td>
45 </tr>
46
47 <tr height="30">
48 <td align="center" bgcolor="<%=value_c%>">
49 <input type="submit" value="삭제" />
50 </td>
51 </tr>
52 </table>
53 </form>
54 </body>
55 </html>

```

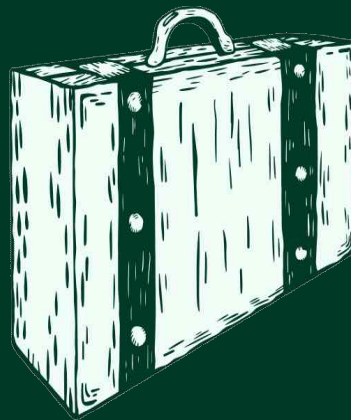


상품 삭제(2)

```
1  <%@ page language="java" contentType="text/html; charset=UTF-8"  
2      pageEncoding="UTF-8"%>  
3  
4  <%@ page import = "store.master.StoreDBBean" %>  
5  
6  <% request.setCharacterEncoding("utf-8");%>  
7  
8  <%  
9      int product_id = Integer.parseInt(request.getParameter("product_id"));  
10     String product_kind = request.getParameter("product_kind");  
11  
12     StoreDBBean productProcess = StoreDBBean.getInstance();  
13     productProcess.deleteProduct(product_id);  
14  
15     response.sendRedirect("productList.jsp?product_kind="+product_kind);  
16 %>
```

장바구니 관련

- CRUD





장바구니 등록(1)

```
44 <form name="inform" method="post" action="cartInsert.jsp">
45 <table>
46   <tr height="30">
47     <td rowspan="6" width="150">
48       </td>
50     <td width="500"><font size="+1">
51       <b><%=productList.getProduct_name() %></b></font></td>
52   </tr>
53   <tr><td width="500">제조사 : <%=productList.getPublishing_com()%></td></tr>
54   <tr><td width="500">제조일 : <%=productList.getPublishing_date()%></td></tr>
55   <tr><td width="500">중량 : <%=productList.getProduct_weight()%></td></tr>
56   <tr><td width="500">가격 : <%=NumberFormat.getInstance().format(productList.getProduct_price())%>원<br>
57     <%=buy_price = (int)(productList.getProduct_price()*((double)(100-productList.getDiscount_rate())/100)) ;%>
58     판매가 : <b><font color="red">
59       <%=NumberFormat.getInstance().format((int)(buy_price))%>원
60     </font></b></td>
61   </tr>
62   <tr><td width="500">수량 : <input type="text" size="5" name="buy_count" value="1"> 개
63 <%
64   if(id.equals("not")){
65     if(productList.getProduct_count()==0){
66 %>
67   <b>일시품절</b>
68 <%
```

```
69   }
70   }else{
71     if(productList.getProduct_count()==0){
72 %>
73     <b>일시품절</b>
74   }
75   }else{ %>
76     <input type="hidden" name="product_id" value="<%=product_id %>">
77     <input type="hidden" name="product_image" value="<%=productList.getProduct_image()%>">
78     <input type="hidden" name="product_name" value="<%=productList.getProduct_name()%>">
79     <input type="hidden" name="buy_price" value="<%=buy_price %>">
80     <input type="hidden" name="product_kind" value="<%=product_kind %>">
81     <input type="submit" value="장바구니에 담기">
82 <%}%>
83   <input type="button" value="목록으로"
84     onclick="javascript:window.location='list.jsp?product_kind=<%=product_kind%>'">
85   <input type="button" value="메인으로"
86     onclick="javascript:window.location='shopMain.jsp'">
87   </td>
88 </tr>
89 </table>
90 </form>
91 </body>
92 </html>
```



장바구니 등록(2)

```
1  <%@ page language="java" contentType="text/html; charset=UTF-8"
2     | pageEncoding="UTF-8"%>
3
4  <%@ page import = "store.shopping.CartDBBean" %>
5
6  <% request.setCharacterEncoding("utf-8");%>
7
8  <%
9     String product_kind = request.getParameter("product_kind");
10    String buy_count = request.getParameter("buy_count");
11    String product_id = request.getParameter("product_id");
12    String product_name = request.getParameter("product_name");
13    String product_image = request.getParameter("product_image");
14    String buy_price = request.getParameter("buy_price");
15    String buyer = (String)session.getAttribute("id");
16 %>
17
18 <jsp:useBean id="cart" scope="page"
19 | | | | | class="store.shopping.CartDataBean">
20 </jsp:useBean>
21
22 <%
23    cart.setProduct_id(Integer.parseInt(product_id));
24    cart.setProduct_image(product_image);
25    cart.setProduct_name(product_name);
26    cart.setBuy_count(Byte.parseByte(buy_count));
27    cart.setBuy_price(Integer.parseInt(buy_price));
28    cart.setBuyer(buyer);
29
30    CartDBBean productProcess = CartDBBean.getInstance();
31    productProcess.insertCart(cart);
32    response.sendRedirect("cartList.jsp?product_kind="+product_kind);
33 %>
```



장바구니 조회(1)

```
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2 | pageEncoding="UTF-8"%>
3 <%@ page import = "store.shopping.CartDataBean" %>
4 <%@ page import = "store.shopping.CartDBBean" %>
5 <%@ page import = "java.util.List" %>
6 <%@ page import = "java.text.NumberFormat" %>
7
8 <%@ include file="../etc/color.jspf"%>
9
10 <%
11 | String product_kind = request.getParameter("product_kind");
12 | String buyer = (String)session.getAttribute("id");
13 | %>
14
15 <html>
16 <head>
17 <title>Store Shopping Mall</title>
18 <link href="../etc/style.css" rel="stylesheet" type="text/css">
19 </head>
20 <body bgcolor="<%=bodyback_c%%">
21 <%
22 | List<CartDataBean> cartLists = null;
23 | CartDataBean cartList = null;
24 | int count = 0;
25 | int number = 0;
26 | int total = 0;
27
28 | if(session.getAttribute("id")==null){
29 | | response.sendRedirect("shopMain.jsp");
30 | }else{
```

```
31 | CartDBBean productProcess = CartDBBean.getInstance();
32 | count = productProcess.getListCount(buyer);
33
34 | if(count == 0){
35 | | %>
36 | | <h3><b>장바구니</b></h3>
37 | | <table>
38 | | | <tr><td>장바구니에 담긴 물품이 없습니다.</td> </tr>
39 | | </table>
40 | | <input type="button" value="쇼핑계속"
41 | | | onclick="javascript:window.location='list.jsp?product_kind=<%=product_kind%'">
42 | | <%
43 | | }else{
44 | | | cartLists = productProcess.getCart(buyer);
45 | | | %>
46 | | | <h3><b>장바구니</b></h3>
47 | | | <form name="cartform">
48 | | | <table>
49 | | | | <tr>
50 | | | | | <td width="50">번호</td>
51 | | | | | <td width="300">상품명</td>
52 | | | | | <td width="100">판매가격</td>
53 | | | | | <td width="150">수량</td>
54 | | | | | <td width="150">금액</td>
55 | | | | </tr>
56 | | |
57 | | | <%
58 | | | for(int i=0;i<cartLists.size();i++){
59 | | | | cartList = (CartDataBean)cartLists.get(i);
60 | | | | %>
```


장바구니 조회(2)

```

62 <tr>
63   <td width="50"><%=++number %></td>
64   <td width="300" align="left">
65     
67     <%=cartList.getProduct_name()%>
68   </td>
69   <td width="100"><%=NumberFormat.getInstance().format(cartList.getBuy_price())%></td>
70   <td width="150">
71     <input type="text" name="buy_count" size="5" value="<%=cartList.getBuy_count()%>">
72     <%
73     String url = "updateCartForm.jsp?cart_id="+cartList.getCart_id()+
74       "&product_kind="+product_kind + "&buy_count="+cartList.getBuy_count();
75     %>
76     <input type="button" value="수정"
77       onclick="javascript:window.location='<%=url%>'">
78   </td>
79   <td align="center" width="150">
80     <%total += cartList.getBuy_count()*cartList.getBuy_price();%>
81     <%=NumberFormat.getInstance().format(cartList.getBuy_count()*cartList.getBuy_price()) %>
82     <input type="button" value="삭제"
83       onclick="javascript:window.location=
84       'cartListDel.jsp?list=<%=cartList.getCart_id()%>&product_kind=<%=product_kind%>'">
85   </td>
86 </tr>
87 </tr>
88 <%}%>
89 <tr>
90   <td colspan="5" align="right"><b>총 금액 : <%=NumberFormat.getInstance().format(total)%></b></td>

```

```

91 </tr>
92 <tr>
93   <td colspan="5">
94     <input type="button" value="구매하기"
95       onclick="javascript:window.location='buyForm.jsp'">
96     <input type="button" value="쇼핑계속"
97       onclick="javascript:window.location='list.jsp?product_kind=<%=product_kind%>'">
98     <input type="button" value="장바구니비우기"
99       onclick="javascript:window.location='cartListDel.jsp?list=all&product_kind=<%=product_kind%>'">
100   </td>
101 </tr>
102 </table>
103 </form>
104 <%
105 }
106 }
107 %>
108 </body>
109 </html>

```



장바구니 수정(1)

```
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2   pageEncoding="UTF-8"%>
3 <%@ page import = "store.shopping.CartDBBean" %>
4
5 <%@ include file="../etc/color.jspf"%>
6
7 <%
8   String cart_id = request.getParameter("cart_id");
9   String buy_count = request.getParameter("buy_count");
10  String product_kind = request.getParameter("product_kind");
11
12  if(session.getAttribute("id")==null){
13    response.sendRedirect("shopMain.jsp");
14  }else{
15  %>
16  <html>
17  <head>
18  <title>Store Shopping Mall</title>
19  <link href="../etc/style.css" rel="stylesheet" type="text/css">
20  </head>
21  <body bgcolor="<%=bodyback_c%>">
22  <form method="POST" name="updateForm" action="updateCart.jsp" >
23    변경할 수량 :
24    <input type="text" name="buy_count" size="5" value="<%=buy_count%>">
25    <input type="hidden" name="cart_id" value="<%=cart_id%>">
26    <input type="hidden" name="product_kind" value="<%=product_kind%>">
27    <input type="submit" value="변경" >
28  </form>
29  </body>
30  </html>
31  <%}%>
```

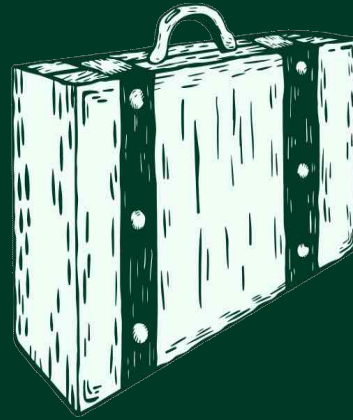
```
1 <%@ page language="java" contentType="text/html; charset=UTF-8"
2   pageEncoding="UTF-8"%>
3 <%@ page import = "store.shopping.CartDBBean" %>
4
5 <%@ include file="../etc/color.jspf"%>
6
7 <%
8   String cart_id = request.getParameter("cart_id");
9   String buy_count = request.getParameter("buy_count");
10  String product_kind = request.getParameter("product_kind");
11
12  if(session.getAttribute("id")==null){
13    response.sendRedirect("shopMain.jsp");
14  }else{
15    CartDBBean productProcess = CartDBBean.getInstance();
16    productProcess.updateCount(Integer.parseInt(cart_id), Byte.parseByte(buy_count));
17    response.sendRedirect("cartList.jsp?product_kind=" + product_kind);
18  }
19  %>
```



장바구니 삭제(1)

```
1  <%@ page language="java" contentType="text/html; charset=UTF-8"
2      pageEncoding="UTF-8"%>
3  <%@ page import = "store.shopping.CartDBBean" %>
4
5  <%@ include file="../etc/color.jspf"%>
6
7  <%
8      String list = request.getParameter("list");
9      String buyer = (String)session.getAttribute("id");
10     String product_kind = request.getParameter("product_kind");
11
12     if(session.getAttribute("id")==null){
13         response.sendRedirect("shopMain.jsp");
14     }else{
15         CartDBBean productProcess = CartDBBean.getInstance();
16
17         if(list.equals("all"))
18             productProcess.deleteAll(buyer);
19         else
20             productProcess.deleteList(Integer.parseInt(list));
21
22         response.sendRedirect("cartList.jsp?product_kind=" + product_kind);
23     }
24 %>
```

판매 통계 관련





판매 통계(1)

```
<h2>판매 통계</h2>
<table border="1">
  <tr>
    <th width="100">아이디</th>
    <th width="100">분류</th>
    <th width="250">상품명</th>
    <th width="100">수량</th>
  </tr>
<%!
  String[] btitle = null;
  int[] bcount = null;
%>
<%
  Connection conn=null;
  PreparedStatement pstmt=null;
  ResultSet rs=null;

  try{
    String jdbcUrl="jdbc:mysql://localhost:3306/store";
    String dbId="root";
    String dbPass="1234";

    Class.forName("com.mysql.jdbc.Driver");
    conn=DriverManager.getConnection(jdbcUrl,dbId ,dbPass );

    String sql= "select count(*) from product";
    pstmt=conn.prepareStatement(sql);
    rs=pstmt.executeQuery();
```

```
    if(rs.next()){
      btitle = new String[rs.getInt(1)];
      bcount = new int[rs.getInt(1)];
    }
    sql= "select * from product";
    pstmt=conn.prepareStatement(sql);
    rs=pstmt.executeQuery();
    int i=0;
    while(rs.next()){
      int product_id = rs.getInt("product_id");
      String product_kind = rs.getString("product_kind");
      String product_name = rs.getString("product_name");
      btitle[i] = product_name; // 그래프 출력용 데이터 저장 (상품명 이름)
      int product_count = rs.getInt("product_count");
      bcount[i] = product_count; // 그래프 출력용 데이터 저장 (수량)
      i++;
    }
    <tr>
      <td width="100"><%=product_id%></td>
      <td width="100"><%=product_kind%></td>
      <td width="250"><%=product_name%></td>
      <td width="100"><%=product_count%></td>
    </tr>
  <%=> } }
```


판매 통계(2)

```
<h2> 판매 그래프</h2>
<script>
  <%
    out.println("var dataset = [");
    for(int i=0; i < btitle.length-1; i++){
      out.println("{ \"name\": \""+btitle[i]+"\", \"value\": "+bcount[i]+" },");
    }
    out.println("{ \"name\": \""+btitle[btitle.length-1]+"\", \"value\": "+bcount[btitle.length-1]+" }");
    out.println("]");
  %>
  var width = 800; // 그래프 너비
  var height = 300; // 그래프 높이
  var padding = 30; // 스케일 표시용 여백

  // 2. SVG 영역 설정
  var svg = d3.select("body").append("svg").attr("width", width).attr("height", height);

  // 3. 축 스케일(눈금) 설정
  var xScale = d3.scaleBand()
    .rangeRound([padding, width - padding])
    .padding(0.1)
    .domain(dataset.map(function (d) { return d.name; }));

  var yScale = d3.scaleLinear()
    .domain([0, d3.max(dataset, function (d) { return d.value; })])
    .range([height - padding, padding]);
```

```
// 4. 축 표시
svg.append("g")
  .attr("transform", "translate(" + 0 + ", " + (height - padding) + ")")
  .call(d3.axisBottom(xScale));

svg.append("g")
  .attr("transform", "translate(" + padding + ", " + 0 + ")")
  .call(d3.axisLeft(yScale));

// 5. 막대 표시
svg.append("g")
  .selectAll("rect")
  .data(dataset)
  .enter()
  .append("rect")
  .attr("x", function (d) { return xScale(d.name); })
  .attr("y", function (d) { return yScale(d.value); })
  .attr("width", xScale.bandwidth())
  .attr("height", function (d) { return height - padding - yScale(d.value); })
  .attr("fill", "steelblue");
</script>
</body>
</html>
```

감사합니다!

Q&A

