

Sporty Shoes

Project Source Code

Version History:

Author:	Balanarenthiran. A
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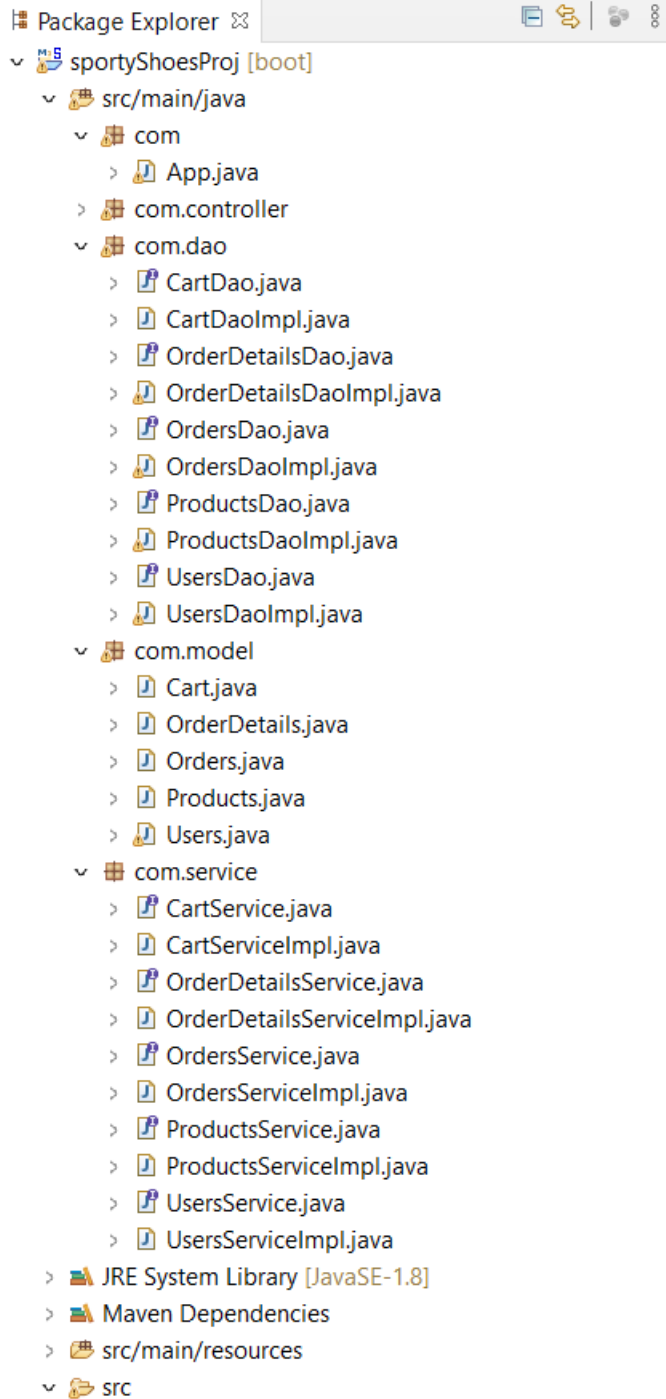
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Project GITHUB Link:

Repository Name:	course4-sportyShoesProj
Github Link:	https://github.com/bala-tw/course4-sportyShoesProj

Project Code:

Folder Structure



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    ▾ main
      ▾ webapp
        ▾ views
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        > WEB-INF
      ▾ target
        > generated-sources
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        pom.xml

```

App.java

```
package com.sportyshoes.web;

import org.springframework.boot.SpringApplication;
import org.springframework.boot.autoconfigure.SpringBootApplication;
import org.springframework.context.annotation.ComponentScan;

@SpringBootApplication
public class App {

    public static void main(String[] args) {
        SpringApplication.run(App.class, args);
    }

}
```

ApplicationController.java

```
package com.sportyshoes.web.controller;

import java.text.ParseException;
import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.List;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Controller;
import org.springframework.web.bind.annotation.ModelAttribute;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RequestParam;
import org.springframework.web.servlet.ModelAndView;

import com.sportyshoes.web.model.Cart;
import com.sportyshoes.web.model.OrderDetails;
import com.sportyshoes.web.model.Products;
import com.sportyshoes.web.model.Users;
import com.sportyshoes.web.service.CartService;
import com.sportyshoes.web.service.OrderDetailsService;
import com.sportyshoes.web.service.OrdersService;
import com.sportyshoes.web.service.ProductsService;
import com.sportyshoes.web.service.UsersService;

@Controller
public class ApplicationController {

    @Autowired
    private ProductsService productsService;

    @Autowired
    private UsersService userService;

    @Autowired
    private CartService cartService;

    @Autowired
    private OrdersService ordersService;

    @Autowired
    private OrderDetailsService orderDetailsService;

    @RequestMapping("/index")
    public ModelAndView getAllProducts() {
        List<Products> allProducts = productsService.getAllProducts();
        ModelAndView modelAndView = new ModelAndView("index");
        modelAndView.addObject("products", allProducts);
        return modelAndView;
    }
}
```

```

    }

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

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

    @RequestMapping("signUpUser")
    public ModelAndView signUpUser(@ModelAttribute("user") Users user) {
        boolean isUserAdded = userService.addUser(user);
        List<Products> allProducts = productService.getAllProducts();
        ModelAndView modelAndView = new ModelAndView("index");
        modelAndView.addObject("products", allProducts);
        return modelAndView;
    }

    @RequestMapping("/addNewUser")
    public String addUser(@ModelAttribute("user") Users user) {
        boolean isUserAdded = userService.addUser(user);
        return "adminpage";
    }

    @RequestMapping("/validateUser")
    public ModelAndView validateUser(@RequestParam("username") String lid,
    @RequestParam("userpassword") String up) {
        if(lid.equals("admin")) {
            ModelAndView modelAndView = new ModelAndView("invaliduser");
            return modelAndView;
        } else {
            boolean result = userService.validateUser(lid,up);
            if(result) {
                List<Products> allProducts = productService.getAllProducts();
                ModelAndView modelAndView = new
ModelAndView("userpage");
                modelAndView.addObject("products", allProducts);
                modelAndView.addObject("username", lid);
                return modelAndView;
            } else {
                ModelAndView modelAndView = new
ModelAndView("invaliduser");
                return modelAndView;
            }
        }
    }
}

```

```

    @RequestMapping("/validateAdmin")
    public String validateAdmin(@RequestParam("username") String lid,
    @RequestParam("userpassword") String up) {
        if(lid.equals("admin")) {
            boolean result = userService.validateUser(lid,up);
            if(result) {
                return "adminpage";
            }else {
                return "invalidadmin";
            }
        }else {
            return "invalidadmin";
        }
    }

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

    @RequestMapping("/listusers")
    public ModelAndView getUsersList() {
        List<Users> allUsers = userService.getAllUsers();
        ModelAndView MVallUsers = new ModelAndView("userlist");
        MVallUsers.addObject("Users",allUsers);
        return MVallUsers;
    }

    @RequestMapping("/edituser")
    public ModelAndView editUser(@RequestParam("lid") String lid) {
        Users euser = userService.getUser(lid);
        ModelAndView euMAV = new ModelAndView("edituser");
        euMAV.addObject("euser",euser);
        return euMAV;
    }

    @RequestMapping("/productslist")
    public ModelAndView getProductList() {
        List<Products> allProducts = productService.getAllProducts();
        ModelAndView modelAndView = new ModelAndView("productslist");
        modelAndView.addObject("products", allProducts);
        return modelAndView;
    }

    @RequestMapping("/editproduct")
    public ModelAndView editProduct(@RequestParam("pid") int pid) {
        Products eproduct = productService.getProduct(pid);
        ModelAndView epMAV = new ModelAndView("editproduct");
        epMAV.addObject("eproduct",eproduct);
    }

```



```

        return epMAV;
    }

    @RequestMapping("/updateUser")
    public String updateUser(@RequestParam("uloginid") String uloginid,
        @RequestParam("upassword") String upassword, @RequestParam("uemail") String uemail,
        @RequestParam("uphone") String uphone) {
        boolean isUserUpdated = userService.updateUser(uloginid, upassword,
            uemail, uphone);
        return "adminpage";
    }

    @RequestMapping("/updateProduct")
    public String updateProduct(@RequestParam("uid") int
        id, @RequestParam("ubrandname") String brandname, @RequestParam("ugender") String
        gender, @RequestParam("usize") int size, @RequestParam("uprice") int price) {
        boolean isProductUpdated = productService.updateProduct(id, brandname,
            gender, size, price);
        return "adminpage";
    }

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

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

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

    @RequestMapping("/addNewProduct")
    public String addProduct(@ModelAttribute("product") Products product) {
        boolean isProductAdded = productService.addProduct(product);
        return "adminpage";
    }

    @RequestMapping("/addToCart")
    public ModelAndView addItemToCart(@RequestParam("pid") int pid,
        @RequestParam("lid") String lid, @RequestParam("pr") int pr, @RequestParam("bn") String
        bn, @RequestParam("gd") String gd, @RequestParam("sz") int sz) {
        boolean isItemAdded = cartService.addItemToCart(pid, lid, pr, bn, gd, sz);
        List<Products> allProducts = productService.getAllProducts();
        ModelAndView modelAndView = new ModelAndView("userpage");
    }

```

```

        modelAndView.addObject("products", allProducts);
        modelAndView.addObject("username", lid);
        return modelAndView;
    }

    @RequestMapping("/viewcart")
    public ModelAndView getUserCart(@RequestParam("lid") String lid) {
        List<Cart> userCart = cartService.getUserCartItems(lid);
        int carttotal = cartService.getUserCartTotal(lid);
        ModelAndView modelAndView = new ModelAndView("usercart");
        modelAndView.addObject("cart", userCart);
        modelAndView.addObject("username", lid);
        modelAndView.addObject("carttotal", carttotal);
        return modelAndView;
    }

    @RequestMapping("/userPage")
    public ModelAndView userPage(@RequestParam("username") String lid) {
        List<Products> allProducts = productService.getAllProducts();
        ModelAndView modelAndView = new ModelAndView("userpage");
        modelAndView.addObject("products", allProducts);
        modelAndView.addObject("username", lid);
        return modelAndView;
    }

    @RequestMapping("/placeOrder")
    public ModelAndView placeOrder(@RequestParam("lid") String lid) {
        int orderid = ordersService.placeOrder(lid);
        int ordertotal = ordersService.getUserOrderTotal(orderid);
        List<OrderDetails> userOrderDetails =
orderDetailsService.getUserOrderDetails(orderid);
        ModelAndView modelAndView = new ModelAndView("userorderpage");
        modelAndView.addObject("orderdetail", userOrderDetails);
        modelAndView.addObject("username", lid);
        modelAndView.addObject("orderid", orderid);
        modelAndView.addObject("ordertotal", ordertotal);
        return modelAndView;
    }

    @RequestMapping("/reportparam")
    public String getReportParam() {
        return "rparam";
    }

    @RequestMapping("/callReport")
    public ModelAndView getCallReport(@RequestParam("rbrand") String
rbrand, @RequestParam("rdate") String rdate) {
        SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
        List<OrderDetails> purchasedetails;
        ModelAndView mAVpurchase = new ModelAndView("purchasereport");

```

```

        try {
            purchasedetails = orderDetailsService.getPurchaseReport(rbrand,
sdf.parse(rdate));
            mAVpurchase.addObject("purchasedetails", purchasedetails);
        } catch (ParseException e) {
            // TODO Auto-generated catch block
            e.printStackTrace();
        }
        return mAVpurchase;
    }
}

```

CartDao.java

```

package com.sportyshoes.web.dao;

import java.util.List;

import com.sportyshoes.web.model.Cart;

public interface CartDao {
    public List<Cart> getAllCartItems();
    public boolean addItemToCart(int pid, String lid, int pr, String bn, String gd, int sz);
    public List<Cart> getUserCartItems(String lid);
    public int getUserCartTotal(String lid);
}

```

CartDaoImpl.java

```

package com.sportyshoes.web.dao;

import java.util.ArrayList;
import java.util.List;
import java.util.Map;

import javax.annotation.PostConstruct;
import javax.sql.DataSource;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.jdbc.core.support.JdbcDaoSupport;
import org.springframework.stereotype.Repository;

import com.sportyshoes.web.model.Cart;

@Repository
public class CartDaoImpl extends JdbcDaoSupport implements CartDao {

    @Autowired
    DataSource dataSource;

    @PostConstruct
    private void initialize() {
        setDataSource(dataSource);
    }
}

```

```

@Override
public List<Cart> getAllCartItems() {
    List<Cart> allcards = new ArrayList<Cart>();
    String sql = "select * from usercart";
    List<Map<String, Object>> allcardsData =
getJdbcTemplate().queryForList(sql);
    for(Map<String, Object> cart : allcardsData) {
        Cart cartitem = new Cart();
        cartitem.setId((Integer)cart.get("id"));
        cartitem.setProductid((Integer)cart.get("productid"));
        cartitem.setLoginid((String)cart.get("loginid"));
        cartitem.setPrice((Integer)cart.get("price"));
        cartitem.setBrandname((String)cart.get("brandname"));
        cartitem.setGender((String)cart.get("gender"));
        cartitem.setSize((Integer)cart.get("size"));
        allcards.add(cartitem);
    }
    return allcards;
}

@Override
public boolean addItemToCart(int pid, String lid, int pr, String bn, String gd, int sz) {
    boolean flag = false;
    List<Cart> getallcartitems = getAllCartItems();
    int i = 1;
    for(Cart countcartitem : getallcartitems) {
        int cartid = countcartitem.getId();
        if(cartid>=i) {
            i=cartid;
            i++;
        }
    }
    String sql = "insert into usercart values(?,?,?,?,?,?)";
    int val =getJdbcTemplate().update(sql, new Object[] {i, pid, lid, pr, bn, gd,
sz});
    if(val>0)
        flag = true;
    return flag;
}

@Override
public List<Cart> getUserCartItems(String lid) {
    List<Cart> usercartitems = new ArrayList<Cart>();
    String sql = "select * from usercart where loginid = ?";
    List<Map<String, Object>> usercartData =
getJdbcTemplate().queryForList(sql,lid);
    for(Map<String, Object> cart : usercartData) {
        //System.out.println(cart.get("id"));
        Cart cartitem = new Cart();

```

```

        cartitem.setld((Integer)cart.get("id"));
        cartitem.setProductid((Integer)cart.get("productid"));
        cartitem.setLoginid((String)cart.get("loginid"));
        cartitem.setBrandname((String)cart.get("brandname"));
        cartitem.setGender((String)cart.get("gender"));
        cartitem.setSize((Integer)cart.get("size"));
        cartitem.setPrice((Integer)cart.get("price"));
        usercartitems.add(cartitem);
    }

    return usercartitems;
}

@Override
public int getUserCartTotal(String lid) {
    String sql = "select * from usercart where loginid = ?";
    List<Map<String, Object>> usercartData =
getJdbcTemplate().queryForList(sql,lid);
    int usercarttotal = 0;
    for(Map<String, Object> cart : usercartData) {
        usercarttotal = usercarttotal +(Integer)cart.get("price");
    }
    return usercarttotal;
}
}

```

OrderDetailsDao.java

```

package com.sportyshoes.web.dao;

import java.util.Date;
import java.util.List;

import com.sportyshoes.web.model.OrderDetails;

public interface OrderDetailsDao {
    public List<OrderDetails> getAllOrderDetails();
    public List<OrderDetails> getUserOrderDetails(int ordid);
    public List<OrderDetails> getPurchaseReport(String rbrand, Date rdate);
}

```

OrderDetailsDaoImpl.java

```

package com.sportyshoes.web.dao;

import java.text.SimpleDateFormat;
import java.util.ArrayList;
import java.util.Date;
import java.util.List;
import java.util.Map;

import javax.annotation.PostConstruct;
import javax.sql.DataSource;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.jdbc.core.support.JdbcDaoSupport;
import org.springframework.stereotype.Repository;

import com.sportyshoes.web.model.OrderDetails;

@Repository
public class OrderDetailsDaoImpl extends JdbcDaoSupport implements OrderDetailsDao {

    @Autowired
    DataSource dataSource;

    @PostConstruct
    private void initialize() {
        setDataSource(dataSource);
    }

    @Override
    public List<OrderDetails> getAllOrderDetails() {
        List<OrderDetails> allOrderDetails = new ArrayList<OrderDetails>();
        String sql = "SELECT * FROM orderdetails";
        List<Map<String, Object>> allOrderDetailsData =
getJdbcTemplate().queryForList(sql);
        for(Map<String, Object> orderdetails : allOrderDetailsData) {
            OrderDetails ordDtl = new OrderDetails();
            ordDtl.setId((Integer)orderdetails.get("id"));
            ordDtl.setLoginid((String)orderdetails.get("loginid"));
            ordDtl.setCiid((Integer)orderdetails.get("ciid"));
            ordDtl.setOrderid((Integer)orderdetails.get("orderid"));
            ordDtl.setProductid((Integer)orderdetails.get("productid"));
            ordDtl.setBrandname((String)orderdetails.get("brandname"));
            ordDtl.setGender((String)orderdetails.get("gender"));

```

```

        ordDtl.setSize((Integer)orderdetails.get("size"));
        ordDtl.setPrice((Integer)orderdetails.get("price"));
        ordDtl.setOrderdate((Date)orderdetails.get("orderdate"));
        allOrderDetails.add(ordDtl);
    }
    return allOrderDetails;
}

@Override
public List<OrderDetails> getUserOrderDetails(int ordid) {
    List<OrderDetails> userOrderDetails = new ArrayList<OrderDetails>();
    String sql = "SELECT * FROM orderdetails where orderid=?";
    List<Map<String, Object>> userOrderDetailsData =
getJdbcTemplate().queryForList(sql,ordid);
    for(Map<String, Object> orderdetails : userOrderDetailsData) {
        OrderDetails ordDtl = new OrderDetails();
        ordDtl.setId((Integer)orderdetails.get("id"));
        ordDtl.setLoginid((String)orderdetails.get("loginid"));
        ordDtl.setCiid((Integer)orderdetails.get("ciid"));
        ordDtl.setOrderid((Integer)orderdetails.get("orderid"));
        ordDtl.setProductid((Integer)orderdetails.get("productid"));
        ordDtl.setBrandname((String)orderdetails.get("brandname"));
        ordDtl.setGender((String)orderdetails.get("gender"));
        ordDtl.setSize((Integer)orderdetails.get("size"));
        ordDtl.setPrice((Integer)orderdetails.get("price"));
        ordDtl.setOrderdate((Date)orderdetails.get("orderdate"));
        userOrderDetails.add(ordDtl);
    }
    return userOrderDetails;
}

@Override
public List<OrderDetails> getPurchaseReport(String rbrand, Date rdate) {
    List<OrderDetails> userPurchaseDetails = new ArrayList<OrderDetails>();
    String sql = "SELECT * FROM orderdetails where brandname=? and
orderdate=?";
    SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
    List<Map<String, Object>> userPurchaseData =
getJdbcTemplate().queryForList(sql,rbrand,rdate);
    for(Map<String, Object> purchasedetails : userPurchaseData) {
        OrderDetails purchaseDtl = new OrderDetails();
        purchaseDtl.setId((Integer)purchasedetails.get("id"));
        purchaseDtl.setLoginid((String)purchasedetails.get("loginid"));
        purchaseDtl.setCiid((Integer)purchasedetails.get("ciid"));

```



```

        purchaseDtl.setOrderid((Integer)purchasedetails.get("orderid"));
        purchaseDtl.setProductid((Integer)purchasedetails.get("productid"));
        purchaseDtl.setBrandname((String)purchasedetails.get("brandname"));
        purchaseDtl.setGender((String)purchasedetails.get("gender"));
        purchaseDtl.setSize((Integer)purchasedetails.get("size"));
        purchaseDtl.setPrice((Integer)purchasedetails.get("price"));
        purchaseDtl.setOrderdate((Date)purchasedetails.get("orderdate"));
        userPurchaseDetails.add(purchaseDtl);
    }
    return userPurchaseDetails;
}
}

```

OrdersDao.java

```

package com.sportyshoes.web.dao;

import java.util.List;

import com.sportyshoes.web.model.Orders;

public interface OrdersDao {
    public List<Orders> getAllOrders();
    public int placeOrder(String lid);
    public int getUserOrderTotal(int ordid);
}

```

OrdersDaoImpl.java

```

package com.sportyshoes.web.dao;

import java.util.ArrayList;
import java.util.Calendar;
import java.util.Date;
import java.util.List;
import java.util.Map;

import javax.annotation.PostConstruct;
import javax.sql.DataSource;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.jdbc.core.support.JdbcDaoSupport;
import org.springframework.stereotype.Repository;

import com.sportyshoes.web.model.Cart;
import com.sportyshoes.web.model.OrderDetails;
import com.sportyshoes.web.model.Orders;

@Repository
public class OrdersDaoImpl extends JdbcDaoSupport implements OrdersDao {

    @Autowired
    DataSource dataSource;

    @Autowired
    CartDao cartDao;

    @Autowired
    OrderDetailsDao orderDetailsDao;

    @PostConstruct
    private void initialize() {
        setDataSource(dataSource);
    }

    @Override
    public List<Orders> getAllOrders() {
        List<Orders> allOrders = new ArrayList<Orders>();
        String sql = "SELECT * FROM orders";
        List<Map<String, Object>> allOrdersData = getJdbcTemplate().queryForList(sql);
        for (Map<String, Object> order : allOrdersData) {
            Orders ord = new Orders();
            ord.setld((Integer)order.get("id"));
            ord.setLoginid((String)order.get("loginid"));
            ord.setOrderdate((Date)order.get("orderdate"));
            allOrders.add(ord);
        }
    }
}

```

```

    }
    return allOrders;
}

@Override
public int placeOrder(String lid) {
    Calendar calendar = Calendar.getInstance();
    java.util.Date currentTime = calendar.getTime();

    List<Orders> allOrders = getAllOrders();
    int ordid = 1;
    for(Orders orditem : allOrders) {
        ordid++;
    }
    String sql = "insert into orders values(?,?,?)";
    int val = getJdbcTemplate().update(sql, new Object[] {ordid, lid, currentTime});

    List<OrderDetails> allorderdetails = orderDetailsDao.getAllOrderDetails();
    int orddtlid = 1;
    for(OrderDetails orddtl : allorderdetails) {
        orddtlid++;
    }

    List<Cart> cartitems = cartDao.getUserCartItems(lid);
    for(Cart bycartitem : cartitems) {
        orddtlid++;

        String orsql = "insert into orderdetails values(?,?,?,?,?,?,?,?)";
        int oval = getJdbcTemplate().update(orsql, new Object[] {orddtlid, lid,
        bycartitem.getId(), ordid, bycartitem.getProductid(), bycartitem.getBrandname(),
        bycartitem.getGender(), bycartitem.getSize(), bycartitem.getPrice(), currentTime});
    }

    String delcartsql = "delete from usercart where loginid=?";
    int dval = getJdbcTemplate().update(delcartsql, new Object[] {lid});

    return ordid;
}

@Override
public int getUserOrderTotal(int ordid) {
    String sql = "select * from orderdetails where orderid = ?";
    List<Map<String, Object>> userorderData =
    getJdbcTemplate().queryForList(sql, ordid);
    int userordertotal = 0;
    for(Map<String, Object> ord : userorderData) {
        userordertotal = userordertotal + (Integer)ord.get("price");
    }
}

```

```
    }  
    return userordertotal;  
    }  
}
```

ProductsDao.java

```
package com.sportyshoes.web.dao;  
  
import java.util.List;  
  
import com.sportyshoes.web.model.Products;  
  
public interface ProductsDao {  
    public List<Products> getAllProducts();  
    public Products getProduct(int pid);  
    public boolean updateProduct(int pid, String bn, String gd, int size, int price);  
    public boolean addProduct(Products product);  
}
```

ProductsDaoImpl.java

```

package com.sportyshoes.web.dao;

import java.util.ArrayList;
import java.util.List;
import java.util.Map;
import javax.annotation.PostConstruct;
import javax.sql.DataSource;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.jdbc.core.support.JdbcDaoSupport;
import org.springframework.stereotype.Repository;
import com.sportyshoes.web.model.Products;

@Repository
public class ProductsDaoImpl extends JdbcDaoSupport implements ProductsDao{

    @Autowired
    DataSource dataSource;

    @PostConstruct
    private void initialize() {
        setDataSource(dataSource);
    }

    @Override
    public List<Products> getAllProducts() {
        List<Products> products = new ArrayList<Products>();
        String sql = "select * from products";
        List<Map<String, Object>> productsData = getJdbcTemplate().queryForList(sql);
        for(Map<String, Object> prod : productsData) {
            Products product = new Products();
            product.setId((Integer)prod.get("id"));
            product.setBrandname((String)prod.get("brandname"));
            product.setGender((String)prod.get("gender"));
            product.setSize((Integer)prod.get("size"));
            product.setPrice((Integer)prod.get("price"));
            products.add(product);
        }
        return products;
    }

    @Override
    public Products getProduct(int pid) {
        List<Products> product = getAllProducts();
        Products prodData = new Products();
        for(Products prod : product) {
            int epid = prod.getId();
            if(epid == pid) {

```

```

        prodData.setId(pid);
        prodData.setBrandname(prod.getBrandname());
        prodData.setGender(prod.getGender());
        prodData.setSize(prod.getSize());
        prodData.setPrice(prod.getPrice());
    }
}
return prodData;
}

@Override
public boolean updateProduct(int pid, String bn, String gd, int sz, int pr) {
    boolean isProductUpdated = false;
    String sql = "update products set brandname = ?, gender = ?, size = ?, price = ? where
id=?";
    int val = getJdbcTemplate().update(sql, bn, gd, sz, pr, pid);
    if(val>0)
        isProductUpdated=true;
    return isProductUpdated;
}

@Override
public boolean addProduct(Products product) {
    boolean flag = false;
    List<Products> getprod = getAllProducts();
    int i = 1;
    for(Products gprod : getprod) {
        i++;
    }
    String sql = "insert into products values(?,?,?,?,?)";
    int val = getJdbcTemplate().update(sql, new Object[] {i, product.getBrandname(),
product.getGender(), product.getSize(), product.getPrice()});
    if(val>0)
        flag = true;
    return flag;
}
}

```

UsersDao.java

```
package com.sportyshoes.web.dao;

import java.util.List;

import com.sportyshoes.web.model.Users;

public interface UsersDao {
    public List<Users> getAllUsers();
    public boolean validateUser(String u, String p);
    public Users getUser(String lid);
    public boolean updateUser(String lid, String upw, String uemail, String uphone);
    public boolean addUser(Users user);
}
```

UsersDaoImpl.java

```

package com.sportyshoes.web.dao;

import java.util.ArrayList;
import java.util.List;
import java.util.Map;
import javax.annotation.PostConstruct;
import javax.sql.DataSource;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.jdbc.core.support.JdbcDaoSupport;
import org.springframework.stereotype.Repository;
import com.sportyshoes.web.model.Users;

@Repository
public class UsersDaoImpl extends JdbcDaoSupport implements UsersDao {

    @Autowired
    DataSource dataSource;

    @PostConstruct
    private void initialize() {
        setDataSource(dataSource);
    }

    @Override
    public List<Users> getAllUsers(){
        List<Users> users = new ArrayList<Users>();
        String sql = "select * from users";
        List<Map<String, Object>> usersData = getJdbcTemplate().queryForList(sql);
        for(Map<String, Object> uid : usersData) {
            Users user = new Users();
            user.setLoginid((String)uid.get("loginid"));
            user.setPassword((String)uid.get("password"));
            user.setEmail((String)uid.get("email"));
            user.setPhone((String)uid.get("phone"));
            users.add(user);
        }
        return users;
    }

    @Override
    public boolean validateUser(String u, String p) {
        List<Users> user = getAllUsers();
        Users userData = new Users();
        for(Users uid : user) {
            String un= uid.getLoginid();
            String up= uid.getPassword();
            if(un.equals(u)) {

```



```

        if(up.equals(p)) {
            return true;
        }
    }
    return false;
}

@Override
public Users getUser(String lid) {
    List<Users> user = getAllUsers();
    Users userData = new Users();
    for(Users uData : user) {
        String elid = uData.getLoginid();
        if(lid.equals(elid)) {
            userData.setLoginid(uData.getLoginid());
            userData.setPassword(uData.getPassword());
            userData.setEmail(uData.getEmail());
            userData.setPhone(uData.getPhone());
        }
    }
    return userData;
}

@Override
public boolean updateUser(String lid, String upw, String uemail, String uphone) {
    boolean isUserUpdated = false;
    String sql = "update users set password = ?, email = ?, phone = ? where loginid=?";
    int val = getJdbcTemplate().update(sql, upw, uemail, uphone, lid);
    if(val>0)
        isUserUpdated=true;
    return isUserUpdated;
}

@Override
public boolean addUser(Users user) {
    boolean flag = false;
    String sql = "insert into users values(?,?,?,?)";
    int val = getJdbcTemplate().update(sql, new Object[] {user.getLoginid(),
user.getPassword(), user.getEmail(), user.getPhone()});
    if(val>0)
        flag = true;
    return flag;
}
}

```

Cart.java

```
package com.sportyshoes.web.model;
```

```
public class Cart {
```

```
    private int id;  
    private int productid;  
    private String loginid;  
    private int price;  
    private String brandname;  
    private String gender;  
    private int size;
```

```
    public Cart() {  
    }
```

```
    public Cart(int id, int productid, String loginid, int price, String brandname, String gender,  
int size) {
```

```
        this.id = id;  
        this.productid = productid;  
        this.loginid = loginid;  
        this.price = price;  
        this.brandname = brandname;  
        this.gender = gender;  
        this.size = size;  
    }
```

```
    public Cart(int productid, String loginid, int price, String brandname, String gender, int size)  
{
```

```
        this.productid = productid;  
        this.loginid = loginid;  
        this.price = price;  
        this.brandname = brandname;  
        this.gender = gender;  
        this.size = size;  
    }
```

```
    public int getId() {  
        return id;  
    }
```

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

```
    public int getProductid() {  
        return productid;  
    }
```

```
    public void setProductid(int productid) {  
        this.productid = productid;  
    }
```

```
    public String getLoginid() {  
        return loginid;  
    }
```

```

    public void setLoginid(String loginid) {
        this.loginid = loginid;
    }

    public int getPrice() {
        return price;
    }

    public void setPrice(int price) {
        this.price = price;
    }

    public String getBrandname() {
        return brandname;
    }

    public void setBrandname(String brandname) {
        this.brandname = brandname;
    }

    public String getGender() {
        return gender;
    }

    public void setGender(String gender) {
        this.gender = gender;
    }

    public int getSize() {
        return size;
    }

    public void setSize(int size) {
        this.size = size;
    }

    @Override
    public String toString() {
        return "Cart [id=" + id + ", productid=" + productid + ", loginid=" + loginid + ", price="
+ price
        + ", brandname=" + brandname + ", gender=" + gender + ", size=" +
size + "];"
    }
}

```

OrderDetails.java

```

package com.sportyshoes.web.model;

import java.util.Date;

public class OrderDetails {
    private int id;
    private String loginid;

```

```

private int ciid;
private int orderid;
private int productid;
private String brandname;
private String gender;
private int size;
private int price;
private Date orderdate;

public OrderDetails() {
}

public OrderDetails(int id, String loginid, int ciid, int orderid, int productid, String
brandname, String gender,
        int size, int price, Date orderdate) {
    this.id = id;
    this.loginid = loginid;
    this.ciid = ciid;
    this.orderid = orderid;
    this.productid = productid;
    this.brandname = brandname;
    this.gender = gender;
    this.size = size;
    this.price = price;
    this.orderdate = orderdate;
}

public OrderDetails(String loginid, int ciid, int orderid, int productid, String brandname,
String gender,
        int size, int price, Date orderdate) {
    this.loginid = loginid;
    this.ciid = ciid;
    this.orderid = orderid;
    this.productid = productid;
    this.brandname = brandname;
    this.gender = gender;
    this.size = size;
    this.price = price;
    this.orderdate = orderdate;
}

public int getId() {
    return id;
}

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

public String getLoginid() {
    return loginid;
}

public void setLoginid(String loginid) {
    this.loginid = loginid;
}

```

```
}

public int getCiid() {
    return ciid;
}

public void setCiid(int ciid) {
    this.ciid = ciid;
}

public int getOrderid() {
    return orderid;
}

public void setOrderid(int orderid) {
    this.orderid = orderid;
}

public int getProductid() {
    return productid;
}

public void setProductid(int productid) {
    this.productid = productid;
}

public String getBrandname() {
    return brandname;
}

public void setBrandname(String brandname) {
    this.brandname = brandname;
}

public String getGender() {
    return gender;
}

public void setGender(String gender) {
    this.gender = gender;
}

public int getSize() {
    return size;
}

public void setSize(int size) {
    this.size = size;
}

public int getPrice() {
    return price;
}

public void setPrice(int price) {
```

```

        this.price = price;
    }

    public Date getOrderdate() {
        return orderdate;
    }

    public void setOrderdate(Date orderdate) {
        this.orderdate = orderdate;
    }

    @Override
    public String toString() {
        return "OrderDetails [id=" + id + ", loginid=" + loginid + ", ciid=" + ciid + ", orderid=" +
orderid
        + ", productid=" + productid + ", brandname=" + brandname + ",
gender=" + gender + ", size=" + size
        + ", price=" + price + ", orderdate=" + orderdate + "]";
    }
}

```

Orders.java

```

package com.sportyshoes.web.model;

import java.util.Date;

public class Orders {
    private int id;
    private String loginid;
    private Date orderdate;

    public Orders() {
    }

    public Orders(int id, String loginid, Date orderdate) {
        this.id = id;
        this.loginid = loginid;
        this.orderdate = orderdate;
    }

    public int getId() {
        return id;
    }

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

    public String getLoginid() {
        return loginid;
    }

    public void setLoginid(String loginid) {

```

```

        this.loginid = loginid;
    }

    public Date getOrderdate() {
        return orderdate;
    }

    public void setOrderdate(Date orderdate) {
        this.orderdate = orderdate;
    }

    @Override
    public String toString() {
        return "Orders [id=" + id + ", loginid=" + loginid + ", orderdate=" + orderdate + "]";
    }
}

```

Products.java

```

package com.sportyshoes.web.model;

public class Products {
    private int id;
    private String brandname;
    private String gender;
    private int size;
    private int price;

    public Products() {
        //System.out.println("products constructor");
    }

    public Products(int id, String brandname, String gender, int size, int price) {
        this.id = id;
        this.brandname = brandname;
        this.gender = gender;
        this.size = size;
        this.price = price;
    }

    public Products(String brandname, String gender, int size, int price) {
        this.brandname = brandname;
        this.gender = gender;
        this.size = size;
        this.price = price;
    }

    public int getId() {
        return id;
    }

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

    public String getBrandname() {

```

```

        return brandname;
    }

    public void setBrandname(String brandname) {
        this.brandname = brandname;
    }

    public String getGender() {
        return gender;
    }

    public void setGender(String gender) {
        this.gender = gender;
    }

    public int getSize() {
        return size;
    }

    public void setSize(int size) {
        this.size = size;
    }

    public int getPrice() {
        return price;
    }

    public void setPrice(int price) {
        this.price = price;
    }

    @Override
    public String toString() {
        return "Products [id=" + id + ", brandname=" + brandname + ", gender=" + gender + ",
size=" + size + ", price="
            + price + "];"
    }
}

```

```

package com.sportyshoes.web.model;

```

```

public class Users {
    private String loginid;
    private String password;
    private String email;
    private String phone;

    public Users() {
        //
    }

    public Users(String loginid, String password) {
        this.loginid = loginid;
        this.password = password;
        this.email = email;
    }
}

```



```

        this.phone = phone;
    }

    public String getLoginid() {
        return loginid;
    }

    public void setLoginid(String loginid) {
        this.loginid = loginid;
    }

    public String getPassword() {
        return password;
    }

    public void setPassword(String password) {
        this.password = password;
    }

    public String getEmail() {
        return email;
    }

    public void setEmail(String email) {
        this.email = email;
    }

    public String getPhone() {
        return phone;
    }

    public void setPhone(String phone) {
        this.phone = phone;
    }

    @Override
    public String toString() {
        return "Users [loginid=" + loginid + ", password=" + password + ", email=" + email + ",
phone=" + phone + "]";
    }
}

```

CartService.java

```

package com.sportyshoes.web.service;

import java.util.List;

import com.sportyshoes.web.model.Cart;

public interface CartService {
    public List<Cart> getAllCartItems();
    public boolean addItemToCart(int pid, String lid, int pr, String bn, String gd, int sz);
    public List<Cart> getUserCartItems(String lid);
    public int getUserCartTotal(String lid);
}

```

CartServiceImpl.java

```

package com.sportyshoes.web.service;

import java.util.List;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;

import com.sportyshoes.web.dao.CartDao;
import com.sportyshoes.web.model.Cart;

@Service
public class CartServiceImpl implements CartService {

    @Autowired
    CartDao cartDao;

    @Override
    public List<Cart> getAllCartItems() {
        return cartDao.getAllCartItems();
    }

    @Override
    public boolean addItemToCart(int pid, String lid, int pr, String bn, String gd, int sz) {
        return cartDao.addItemToCart(pid,lid,pr,bn,gd,sz);
    }

    @Override
    public List<Cart> getUserCartItems(String lid) {
        return cartDao.getUserCartItems(lid);
    }

    @Override
    public int getUserCartTotal(String lid) {
        return cartDao.getUserCartTotal(lid);
    }

}

```

OrderDetailsService.java

```

package com.sportyshoes.web.service;

import java.util.Date;
import java.util.List;

import com.sportyshoes.web.model.OrderDetails;

public interface OrderDetailsService {
    public List<OrderDetails> getUserOrderDetails(int ordid);
    public List<OrderDetails> getPurchaseReport(String rbrand, Date rdate);
}

```

OrderDetailsServiceImpl.java

```

package com.sportyshoes.web.service;

import java.util.Date;
import java.util.List;

```

```
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;
```

```
import com.sportyshoes.web.dao.OrderDetailsDao;
import com.sportyshoes.web.model.OrderDetails;
```

```
@Service
```

```
public class OrderDetailsService implements OrderDetailsService{
```

```
    @Autowired
```

```
    OrderDetailsDao orderDetailsDao;
```

```
    @Override
```

```
    public List<OrderDetails> getUserOrderDetails(int ordid) {
        return orderDetailsDao.getUserOrderDetails(ordid);
    }
```

```
    @Override
```

```
    public List<OrderDetails> getPurchaseReport(String rbrand, Date rdate) {
        return orderDetailsDao.getPurchaseReport(rbrand, rdate);
    }
```

```
}
```

```
OrdersService.java
```

```
package com.sportyshoes.web.service;
```

```
public interface OrdersService {
```

```
    public int placeOrder(String lid);
```

```
    public int getUserOrderTotal(int ordid);
```

```
}
```

```
OrdersServiceImpl.java
```

```
package com.sportyshoes.web.service;
```

```
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;
```

```
import com.sportyshoes.web.dao.OrdersDao;
```

```
@Service
```

```
public class OrdersServiceImpl implements OrdersService{
```

```
    @Autowired
```

```
    OrdersDao ordersDao;
```

```
    @Override
```

```
    public int placeOrder(String lid) {
        return ordersDao.placeOrder(lid);
    }
```

```
    @Override
```

```
    public int getUserOrderTotal(int ordid) {
        return ordersDao.getUserOrderTotal(ordid);
    }
```

```
}
```

ProductsService.java

```
package com.sportyshoes.web.service;

import java.util.List;

import com.sportyshoes.web.model.Products;

public interface ProductsService {
    public List<Products> getAllProducts();
    public Products getProduct(int pid);
    public boolean updateProduct(int pid, String bn, String gd, int sz, int pr);
    public boolean addProduct(Products product);
}
```

ProductsServiceImpl.java

```
package com.sportyshoes.web.service;

import java.util.List;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;

import com.sportyshoes.web.dao.ProductsDao;
import com.sportyshoes.web.model.Products;

@Service
public class ProductsServiceImpl implements ProductsService{

    @Autowired
    ProductsDao productsDao;

    @Override
    public List<Products> getAllProducts() {
        return productsDao.getAllProducts();
    }

    @Override
    public Products getProduct(int pid) {
        return productsDao.getProduct(pid);
    }

    @Override
    public boolean updateProduct(int pid, String bn, String gd, int sz, int pr) {
        return productsDao.updateProduct(pid, bn, gd, sz, pr);
    }

    @Override
    public boolean addProduct(Products product) {
        return productsDao.addProduct(product);
    }
}
```

UserService.java

```
package com.sportyshoes.web.service;

import java.util.List;
```

```
import com.sportyshoes.web.model.Users;

public interface UsersService {
    public List<Users> getAllUsers();
    public boolean validateUser(String u, String p);
    public Users getUser(String lid);public boolean updateUser(String lid, String upw, String
uemail, String uphone);
    public boolean addUser(Users user);
}
```

UsersServiceImpl.java

```
package com.sportyshoes.web.service;

import java.util.List;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;

import com.sportyshoes.web.dao.UsersDao;
import com.sportyshoes.web.model.Users;

@Service
public class UsersServiceImpl implements UsersService {
    @Autowired
    UsersDao userDao;

    @Override
    public List<Users> getAllUsers() {
        return userDao.getAllUsers();
    }

    @Override
    public boolean validateUser(String u, String p) {
        return userDao.validateUser(u, p);
    }

    @Override
    public Users getUser(String lid) {
        return userDao.getUser(lid);
    }

    @Override
    public boolean updateUser(String lid, String upw, String uemail, String uphone) {
        return userDao.updateUser(lid, upw, uemail, uphone);
    }

    @Override
    public boolean addUser(Users user) {
        return userDao.addUser(user);
    }
}
```

Application.properties

```
spring.mvc.view.prefix=/views/
spring.mvc.view.suffix=.jsp
spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver
spring.datasource.url=jdbc:mysql://localhost:3306/springdb
```

```
spring.datasource.username=root
spring.datasource.password=root
```

```
Addproduct.jsp
```

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>
</head>
<body>
    <h1>Welcome to Sporty Shoes</h1>
    <div align="left">
        <a href="/adminpage">Back to Admin Page</a>
    </div>
    <div align="center">
        <h2>Add New Product Information</h2>
    </div>
    <div align="center">
        <form action="addNewProduct" method="post">
            <table border="1" cellpadding="5">
                <tr>
                    <th>Brand Name:</th>
                    <td>
                        <input type="text" name="brandname" size="45"/>
                    </td>
                </tr>
                <tr>
                    <th>Category:</th>
                    <td>
                        <input type="text" name="gender" size="45"/>
                    </td>
                </tr>
                <tr>
                    <th>Size:</th>
                    <td>
                        <input type="number" name="size" size="45"/>
                    </td>
                </tr>
                <tr>
                    <th>Price:</th>
                    <td>
                        <input type="number" name="price" size="45"/>
                    </td>
                </tr>
                <tr>
                    <th></th>
                    <td colspan="2" align="center">
                        <input type="submit" value="Add Product" />
                    </td>
                </tr>
            </table>
        </form>
```

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

Adduser.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>
</head>
<body>
    <h1>Welcome to Sporty Shoes</h1>
    <h2>Sign Up</h2>
    <div align="left">
        <a href="/index">Back to Main Page</a>
    </div>
    <div align="center">
        <form action="signUpUser" method="post">
            <table border="1" cellpadding="5">
                <tr>
                    <td>Login ID:</td>
                    <td><input type="text" placeholder="Enter Username" name="loginid"
required></td>
                </tr>
                <tr>
                    <td>Password:</td>
                    <td><input type="password" placeholder="Enter Password"
name="password" required></td>
                </tr>
                <tr>
                    <td>Email:</td>
                    <td><input type="email" placeholder="abc@xyz.com" name="email"
required></td>
                </tr>
                <tr>
                    <td>Phone/Mobile:</td>
                    <td><input type="number" placeholder="0501234567" name="phone"
required></td>
                </tr>
                <tr>
                    <td></td>
                    <td><input type="submit" value="Sign Up"></td>
                </tr>
            </table>
        </form>
    </div>
</body>
</html>
```

Adduserbyadmin.jsp

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

```

<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>
</head>
<body>
  <h1>Welcome to Sporty Shoes</h1>
  <div align="left">
    <a href="/adminpage">Back to Admin Page</a>
  </div>
  <div align="center">
    <h2>Add New User</h2>
  </div>
  <div align="center">
    <form action="addNewUser" method="post">
      <table border="1" cellpadding="5">
        <tr>
          <td>Login ID:</td>
          <td><input type="text" placeholder="Enter Username" name="loginid"
required></td>
        </tr>
        <tr>
          <td>Password:</td>
          <td><input type="password" placeholder="Enter Password"
name="password" required></td>
        </tr>
        <tr>
          <td>Email:</td>
          <td><input type="email" placeholder="abc@xyz.com" name="email"
required></td>
        </tr>
        <tr>
          <td>Phone/Mobile:</td>
          <td><input type="number" placeholder="0501234567" name="phone"
required></td>
        </tr>
        <tr>
          <td></td>
          <td><input type="submit" value="Add User"></td>
        </tr>
      </table>
    </form>
  </div>
</body>
</html>

```

Adduserfail.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>
</head>
<body>
  <h1>Welcome to Sporty Shoes</h1>

```



```

<h2>Admin Login</h2>
<div align="center">
  <form action="addNewUser" method="post">
    <table border="1" cellpadding="5">
      <tr>
        <td>Login ID:</td>
        <td><input type="text" placeholder="Enter Username" name="loginid"
required></td>
      </tr>
      <tr>
        <td>Password:</td>
        <td><input type="password" placeholder="Enter Password"
name="password" required></td>
      </tr>
      <tr>
        <td>Email:</td>
        <td><input type="email" placeholder="abc@xyz.com" name="email"
required></td>
      </tr>
      <tr>
        <td>Phone/Mobile:</td>
        <td><input type="number" placeholder="0501234567" name="phone"
required></td>
      </tr>
      <tr>
        <td></td>
        <td><input type="submit" value="Add User"></td>
      </tr>
    </table>
  </form>
</div>
</body>
</html>

```

Adminlogin.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>
</head>
<body>
  <h1>Welcome to Sporty Shoes</h1>
  <div align="center">
    <h2>Admin Login</h2>
  </div>
  <div align="right">
    <a href="/index">Sign Out</a>
  </div>
  <div align="center">
    <form action="validateAdmin" method="post">
      <table border="1" cellpadding="5">
        <tr>
          <td>Login ID:</td>

```

```

        <td><input type="text" placeholder="Enter Username" name="username"
required></td>
        </tr>
        <tr>
        <td>Password:</td>
        <td><input type="password" placeholder="Enter Password"
name="userpassword" required></td>
        </tr>
        <tr>
        <td></td>
        <td><input type="submit" value="Login"></td>
        </tr>
    </table>
</form>
</div>
</body>
</html>

```

Adminpage.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>
</head>
<body>
    <h1>Welcome to Sporty Shoes</h1>
    <div align="right">
        <a href="/index">Sign Out</a>
    </div>
    <div align="center">
        <h2>Admin Page</h2>
    </div>
    <div align="center">
        <table border="1" cellpadding="5">
            <tr>
                <td>Manage Users</td>
                <td><a href="/listusers">View List</a></td>
                <td><a href="/adduserbyadmin">Add New</a></td>
            </tr>
            <tr>
                <td>Manage Products</td>
                <td><a href="/productslist">View List</a></td>
                <td><a href="/addproduct">Add New</a></td>
            </tr>
            <tr>
                <td>Purchase Report</td>
                <td><a href="/reportparam">View</a></td>
                <td></td>
            </tr>
        </table>
    </div>
</body>

```



```

<input type="submit" value="Update Product" />
</td>
</tr>
</table>
</form>
</div>
</body>
</html>

```

Edituser.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>
</head>
<body>
    <h1>Welcome to Sporty Shoes</h1>
    <div align="center">
        <h2>Update User Information</h2>
    </div>
    <div align="center">
        <form action="updateUser" method="post">
            <table border="1" cellpadding="5">
                <tr>
                    <td>Login ID:</td>
                    <td>
                        <input type="text" name="uloginid" size="45" value='${euser.loginid}'
required/>
                    </td>
                </tr>
                <tr>
                    <td>Password:</td>
                    <td>
                        <input type="password" name="upassword" size="45"
value='${euser.password}' required/>
                    </td>
                </tr>
                <tr>
                    <td>Email:</td>
                    <td>
                        <input type="email" name="uemail" size="45" value='${euser.email}'
required/>
                    </td>
                </tr>
                <tr>
                    <td>Phone/Mobile:</td>
                    <td>
                        <input type="number" name="uphone" size="45"
value='${euser.phone}' required/>
                    </td>
                </tr>
                <tr>
                    <td></td>
                    <td></td>
                </tr>
            </table>
        </form>
    </div>

```

```

                <td colspan="2" align="center">
                    <input type="submit" value="Update User" />
                </td>
            </tr>
        </table>
    </form>
</div>
</body>
</html>

```

Index.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>
</head>
<body>
    <h1>Welcome to Sporty Shoes</h1>
    <h2>List of Shoes</h2>
    <div align="right">
        <th><a href="/adminlogin">Admin Login</a></th></br></br>
        <th><a href="/userlogin">Sign In</a></th>
        <th><a href="/adduser">Sign Up</a></th>
    </div>

    <div align="center">
        <form>
            <table border="1" cellpadding="5">
                <caption><h2>List of Shoes</h2></caption>

                <tr>
                    <th>Brand</th>
                    <th>Category</th>
                    <th>Size</th>
                    <th>Price</th>
                </tr>
                <c:forEach var="products" items="{products}">
                    <tr>
                        <td><c:out value="{products.brandname}" /></td>
                        <td><c:out value="{products.gender}" /></td>
                        <td><c:out value="{products.size}" /></td>
                        <td><c:out value="{products.price}" /></td>
                    </tr>
                </c:forEach>
            </table>
        </form>
    </div>
</body>
</html>

```

Invalidadmin.jsp

```

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

```

```

<html>
<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>
</head>
<body>
    <h1>Welcome to Sporty Shoes</h1>
    <div align="center">
        <h2>Admin Login</h2>
    </div>
    <div align="center">
        <form action="validateAdmin" method="post">
            <table border="1" cellpadding="5">
                <tr>
                    <td></td>
                    <td><p style="color:red">Invalid User Name or Password!</p></td>
                </tr>
                <tr>
                    <td>Login ID:</td>
                    <td><input type="text" placeholder="Enter Username" name="username"
required></td>
                </tr>
                <tr>
                    <td>Password:</td>
                    <td><input type="password" placeholder="Enter Password"
name="userpassword" required></td>
                </tr>
                <tr>
                    <td></td>
                    <td><input type="submit" value="Login"></td>
                </tr>
            </table>
        </form>
    </div>
</body>
</html>

```

Invaliduser.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>
</head>
<body>
    <h1>Welcome to Sporty Shoes</h1>
    <div align="right">
        <a href="/index">Main Page</a>
    </div>
    <div align="center">
        <h2>User Login</h2>
    </div>
    <div align="center">
        <form action="validateUser" method="post">

```

```

        <table border="1" cellpadding="5">
            <tr>
                <td></td>
                <td><p style="color:red">Invalid User Name or Password!</p></td>
            </tr>
            <tr>
                <td>Login ID:</td>
                <td><input type="text" placeholder="Enter Username" name="username"
required></td>
            </tr>
            <tr>
                <td>Password:</td>
                <td><input type="password" placeholder="Enter Password"
name="userpassword" required></td>
            </tr>
            <tr>
                <td></td>
                <td><input type="submit" value="Login"></td>
            </tr>
        </table>
    </form>
</div>
</body>
</html>

```

productslist.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>
</head>
<body>
    <h1>Welcome to Sporty Shoes</h1>
    <h2>List of Shoes</h2>
    <div align="right">
        <a href="/adminpage">Back to Admin Page</a>
    </div>
    <div align="center">
        <form action="/editproduct" method="post">
            <table border="1" cellpadding="5">
                <caption><h2>List of Shoes</h2></caption>
                <tr>
                    <th>Brand</th>
                    <th>Category</th>
                    <th>Size</th>
                    <th>Price</th>
                    <th>Select Product</th>
                </tr>
                <c:forEach var="products" items="${products}">
                    <tr>
                        <td><c:out value="${products.brandname}" /></td>
                        <td><c:out value="${products.gender}" /></td>

```

```

        <td><c:out value="\${products.size}" /></td>
        <td><c:out value="\${products.price}" /></td>
        <td>
            <a href="/editproduct?pid=<c:out value='\${products.id}' />">Edit Info</a>
        </td>
    </tr>
</c:forEach>
</table>
</form>
</div>
</body>
</html>

```

purchasereport.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>
</head>
<body>
    <h1>Welcome to Sporty Shoes</h1>
    <div align="right">
        <a href="/adminpage">Back to Admin Page</a>
    </div>
    <div align="right">
        <a href="/reportparam">Change Search</a>
    </div>
    <div align="center">
        <form>
            <table border="1" cellpadding="5">
                <caption><h3>Purchase Report</h3></caption>
                <tr>
                    <th>Customer</th>
                    <th>Order #</th>
                    <th>Order Date</th>
                    <th>Brand</th>
                    <th>Category</th>
                    <th>Size</th>
                    <th>Price</th>
                </tr>
                <c:forEach var="purchasedetails" items="\${purchasedetails}">
                    <tr>
                        <td><c:out value="\${purchasedetails.loginid}" /></td>
                        <td><c:out value="\${purchasedetails.orderid}" /></td>
                        <td><c:out value="\${purchasedetails.orderdate}" /></td>
                        <td><c:out value="\${purchasedetails.brandname}" /></td>
                        <td><c:out value="\${purchasedetails.gender}" /></td>
                        <td><c:out value="\${purchasedetails.size}" /></td>
                        <td><c:out value="\${purchasedetails.price}" /></td>
                    </tr>
                </c:forEach>
            </table>

```



```

        </form>
    </div>
</body>
</html>

```

rparam.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>

    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
    <link rel="stylesheet" href="//code.jquery.com/ui/1.12.1/themes/base/jquery-ui.css">
    <script src="https://code.jquery.com/jquery-1.12.4.js"></script>
    <script src="https://code.jquery.com/ui/1.12.1/jquery-ui.js"></script>
    <script> $( function() {$( "#datepicker" ).datepicker(); } ); </script>

</head>
<body>
    <h1>Welcome to Sporty Shoes</h1>
    <div align="right">
        <a href="/index">Sign Out</a>
    </div>
    <div align="center">
        <h2>Purchase Report</h2>
    </div>
    <div align="center">
        <h2>Provide Search Criteria</h2>
    </div>
    <div align="center">
        <form action="callReport" method="post">
            <table border="1" cellpadding="5">
                <tr>
                    <td>Select Brand:</td>
                    <td><input type="text" placeholder="Enter Brandname" name="rbrand"
required></td>
                </tr>
                <tr>
                    <td>Date of Purchase:</td>
                    <td><input type="date" class="form-control" id="datepicker"
name="rdate"></td>
                </tr>
                <tr>
                    <td></td>
                    <td><input type="submit" value="Show Report"></td>
                </tr>
            </table>
        </form>
    </div>
</body>

```

```

</html>
usercart.jsp
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>
</head>
<body>
    <h1>Welcome to Sporty Shoes</h1>
    <h2>Hello, ${username}</h2>
    <div align="center">
        <h3>Your Cart</h3>
    </div>
    <div align="right">
        <a href="/index">Sign Out</a>
    </div>
    <div align="right">
        <a href="/userPage?&username=<c:out value='${username}' />">Add More Items</a>
    </div>
    <div align="center">
        <form action="/placeOrder" method="post">
            <table border="1" cellpadding="5">
                <caption><h3>Items in your cart</h3></caption>
                <tr>
                    <th>Brand</th>
                    <th>Category</th>
                    <th>Size</th>
                    <th>Price</th>
                </tr>
                <c:forEach var="cart" items="${cart}">
                    <tr>
                        <td><c:out value='${cart.brandname}' /></td>
                        <td><c:out value='${cart.gender}' /></td>
                        <td><c:out value='${cart.size}' /></td>
                        <td><c:out value='${cart.price}' /></td>
                    </tr>
                </c:forEach>
                <tr>
                    <th>Cart Total</th>
                    <th></th>
                    <th></th>
                    <td>${carttotal}</td>
                </tr>
                <tr>
                    <td></td>
                    <td></td>
                    <td></td>
                    <td></td>
                </tr>
                <td>
                    <a href="/placeOrder?&lid=<c:out value='${username}' />">Place Order</a>
                </td>
            </tr>
        </form>
    </div>

```

```
        </table>
    </form>
</div>
</body>
</html>
```

userlist.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>
</head>
<body>
    <h1>Welcome to Sporty Shoes</h1>
    <div align="left">
        <a href="/adminpage">Back to Admin Page</a>
    </div>
    <div align="center">
        <form action="/edituser" method="post">
            <table border="1" cellpadding="5">
                <caption><h2>List of Users</h2></caption>

                <tr>
                    <th>Login ID</th>
                    <th>Email</th>
                    <th>Phone/Mobile</th>
                </tr>
                <c:forEach var="Users" items="${Users}">
                    <tr>
                        <td><c:out value="${Users.loginid}" /></td>
                        <td><c:out value="${Users.email}" /></td>
                        <td><c:out value="${Users.phone}" /></td>
                        <td>
                            <a href="/edituser?lid=<c:out value='${Users.loginid}' />">Edit Info</a>
                        </td>
                    </tr>
                </c:forEach>
            </table>
        </form>
    </div>
</body>
</html>
```

userlogin.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>
</head>
<body>
    <h1>Welcome to Sporty Shoes</h1>
```

```

<div align="center">
    <h2>User Login</h2>
</div>
<div align="right">
    <a href="/index">Main Page</a>
</div>
<div align="center">
    <form action="validateUser" method="post">
        <table border="1" cellpadding="5">
            <tr>
                <td>Login ID:</td>
                <td><input type="text" placeholder="Enter Username" name="username"
required></td>
            </tr>
            <tr>
                <td>Password:</td>
                <td><input type="password" placeholder="Enter Password"
name="userpassword" required></td>
            </tr>
            <tr>
                <td></td>
                <td><input type="submit" value="Login"></td>
            </tr>
        </table>
    </form>
</div>
</body>
</html>

```

userorderpage.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>
</head>
<body>
    <h1>Welcome to Sporty Shoes</h1>
    <h2>Hello, ${username}</h2>
    <div align="center">
        <h3>Your Order Details</h3>
        <h3>Order #: ${orderid}</h3>
    </div>
    <div align="right">
        <a href="/index">Sign Out</a>
    </div>
    <div align="right">
        <a href="/userPage?&username=<c:out value='${username}' />">Continue
Shopping</a>
    </div>
    <div align="center">
        <form>
            <table border="1" cellpadding="5">

```

```

                <caption><h3>Order Details</h3></caption>
            <tr>
                <th>Brand</th>
                <th>Category</th>
                <th>Size</th>
                <th>Price</th>
            </tr>
            <c:forEach var="orderdetail" items="{orderdetail}">
                <tr>
                    <td><c:out value="{orderdetail.brandname}" /></td>
                    <td><c:out value="{orderdetail.gender}" /></td>
                    <td><c:out value="{orderdetail.size}" /></td>
                    <td><c:out value="{orderdetail.price}" /></td>
                </tr>
            </c:forEach>
            <tr>
                <th>Order Total</th>
                <th></th>
                <th></th>
                <td>${ordertotal}</td>
            </tr>
        </table>
    </form>
</div>
</body>
</html>

```

userpage.jsp

```

<%@ page language="java" contentType="text/html; charset=UTF-8"
    pageEncoding="UTF-8"%>
<%@ taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Sporty Shoes</title>
</head>
<body>
    <h1>Welcome to Sporty Shoes</h1>
    <h2>Hello, ${username}</h2>
    <h3>List of Shoes</h3>
    <div align="right">
        <a href="/index">Sign Out</a><br/>
        <a href="/viewcart?lid=<c:out value='{username}' />">View Cart</a><br/>
    </div>
    <div align="center">
        <form action="/addToCart" method="post">
            <table border="1" cellpadding="5">
                <caption><h2>List of Shoes</h2></caption>
                <tr>
                    <th>Brand</th>
                    <th>Category</th>
                    <th>Size</th>
                    <th>Price</th>
                    <th></th>
                </tr>
            </table>
        </form>
    </div>

```

```

        <c:forEach var="products" items="{products}">
            <tr>
                <td><c:out value="{products.brandname}" /></td>
                <td><c:out value="{products.gender}" /></td>
                <td><c:out value="{products.size}" /></td>
                <td><c:out value="{products.price}" /></td>
                <td>
                    <a href="/addToCart?pid=<c:out value='{products.id}' />&lid=<c:out
value='{username}' />&pr=<c:out value='{products.price}' />&bn=<c:out
value='{products.brandname}' />&gd=<c:out value='{products.gender}' />&sz=<c:out
value='{products.size}' />">Add to Cart</a>
                </td>
            </tr>
        </c:forEach>
    </table>
</form>
</div>
</body>
</html>

```

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
https://maven.apache.org/xsd/maven-4.0.0.xsd">
    <modelVersion>4.0.0</modelVersion>
    <parent>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-parent</artifactId>
        <version>2.5.6</version>
        <relativePath/> <!-- lookup parent from repository -->
    </parent>
    <groupId>com.sportyshoes.web.mvc</groupId>
    <artifactId>mysportyshoesproject</artifactId>
    <version>0.0.1-SNAPSHOT</version>
    <name>mysportyshoesproject</name>
    <description>Sporty Shoes Project</description>
    <properties>
        <java.version>1.8</java.version>
    </properties>
    <dependencies>
        <dependency>
            <groupId>org.springframework.boot</groupId>
            <artifactId>spring-boot-starter-web</artifactId>
        </dependency>

        <dependency>
            <groupId>org.springframework.boot</groupId>
            <artifactId>spring-boot-starter-test</artifactId>
            <scope>test</scope>
        </dependency>

        <!-- https://mvnrepository.com/artifact/org.springframework/spring-webmvc -->
        <dependency>
            <groupId>org.springframework</groupId>

```

```

        <artifactId>spring-webmvc</artifactId>
        <version>5.3.12</version>
    </dependency>

jasper -->
    <!-- https://mvnrepository.com/artifact/org.apache.tomcat.embed/tomcat-embed-
    <dependency>
        <groupId>org.apache.tomcat.embed</groupId>
        <artifactId>tomcat-embed-jasper</artifactId>
        <version>9.0.54</version>
    </dependency>

starter-jdbc -->
    <!-- https://mvnrepository.com/artifact/org.springframework.boot/spring-boot-
    <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-jdbc</artifactId>
        <version>2.5.6</version>
    </dependency>

    <!-- https://mvnrepository.com/artifact/mysql/mysql-connector-java -->
    <dependency>
        <groupId>mysql</groupId>
        <artifactId>mysql-connector-java</artifactId>
        <version>8.0.27</version>
    </dependency>

    <!-- https://mvnrepository.com/artifact/jstl/jstl -->
    <dependency>
        <groupId>jstl</groupId>
        <artifactId>jstl</artifactId>
        <version>1.2</version>
    </dependency>

</dependencies>

<build>
    <plugins>
        <plugin>
            <groupId>org.springframework.boot</groupId>
            <artifactId>spring-boot-maven-plugin</artifactId>
        </plugin>
    </plugins>
</build>
</project>

```

Database Tables:

Database Name: demo
Table: users
<pre> CREATE TABLE `users` (`loginid` varchar(15) NOT NULL, `password` varchar(20) NOT NULL, `email` varchar(20) DEFAULT NULL, </pre>

```
`phone` varchar(15) DEFAULT NULL,
PRIMARY KEY (`loginid`),
UNIQUE KEY `loginid_UNIQUE` (`loginid`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_0900_ai_ci;
```

Table: products

```
CREATE TABLE `products` (
  `id` int NOT NULL AUTO_INCREMENT,
  `brandname` varchar(45) DEFAULT NULL,
  `gender` varchar(45) DEFAULT NULL,
  `size` int DEFAULT NULL,
  `price` int DEFAULT NULL,
PRIMARY KEY (`id`),
UNIQUE KEY `id_UNIQUE` (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=13 DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_0900_ai_ci;
```

Table: usercart

```
CREATE TABLE `usercart` (
  `id` int NOT NULL AUTO_INCREMENT,
  `productid` int NOT NULL,
  `loginid` varchar(15) NOT NULL,
  `price` int NOT NULL,
  `brandname` varchar(45) DEFAULT NULL,
  `gender` varchar(45) DEFAULT NULL,
  `size` int DEFAULT NULL,
PRIMARY KEY (`id`),
UNIQUE KEY `id_UNIQUE` (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=16 DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_0900_ai_ci;
```

Table: orders

```
CREATE TABLE `orders` (
  `id` int NOT NULL AUTO_INCREMENT,
  `loginid` varchar(15) NOT NULL,
  `orderdate` date DEFAULT NULL,
PRIMARY KEY (`id`),
UNIQUE KEY `id_UNIQUE` (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=13 DEFAULT CHARSET=utf8mb4
COLLATE=utf8mb4_0900_ai_ci;
```

Table: orderdetails CREATE TABLE `orderdetails` (

```
`id` int NOT NULL AUTO_INCREMENT,
`loginid` varchar(15) NOT NULL,
`ciid` int NOT NULL,
`orderid` int NOT NULL,
`productid` int NOT NULL,
`brandname` varchar(45) DEFAULT NULL,
`gender` varchar(45) DEFAULT NULL,
`size` int DEFAULT NULL,
`price` int NOT NULL,
`orderdate` date DEFAULT NULL,
PRIMARY KEY (`id`),
UNIQUE KEY `id_UNIQUE` (`id`)
```



```
) ENGINE=InnoDB AUTO_INCREMENT=78 DEFAULT CHARSET=utf8mb4  
COLLATE=utf8mb4_0900_ai_ci;
```