Controller Level Code

package com.kitchenstory.controller;

import java.io.IOException;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

import com.kitchenstory.entities.PurchasedRecord;

import com.kitchenstory.model.PurchasedRecordDao;

```java
/**
 * Servlet implementation class CheckoutOrderedCtl
 */
public class CheckoutOrderedCtl extends HttpServlet {
	private static final long serialVersionUID = 1L;

	/**
	 * @see HttpServlet#HttpServlet()
	 */
	public CheckoutOrderedCtl() {
		super();
		// TODO Auto-generated constructor stub
	}

	/**
	 * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
```

```java
     *      response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response)
                    throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at: ").append(request.getContextPath());
    }


    /***/
    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
     *      response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
                    throws ServletException, IOException {
        // TODO Auto-generated method stub
        doGet(request, response);

        try {

            HttpSession httpSession = request.getSession();

            PurchasedRecord record = new PurchasedRecord();

            record.setPurchase_User(request.getParameter("userName"));

            record.setPurchase_UserEmail(request.getParameter("userEmail"));
```

```java
record.setPurchase_UserContact(request.getParameter("userPhone"));

record.setPurchase_UserShippingAddress(request.getParameter("shippingAddress")
);

record.setPurchase_Date(request.getParameter("purchaseDate"));

record.setPurchase_Category(request.getParameter("purchaseCategory"));

record.setPurchase_PaymentMode(request.getParameter("paymentMode"));

record.setPurchase_TotalAmount(request.getParameter("totalAmount"));

String purchase_DeliveryStatus = "Processing";

record.setPurchase_DeliveryStatus(purchase_DeliveryStatus);

String purchase_ExpectedDaysForDelivery = "7-Days Max for
Delivery";

record.setPurchase_ExpectedDaysForDelivery(purchase_ExpectedDaysForDelivery);

long flag = PurchasedRecordDao.addPurchasedRecord(record);

if (flag > 0) {
        httpSession.setAttribute("message",
```

```java
                                    "Your Ordered has been Placed ...!!! Please
GoTo in Your Cart and remove Added items...!!!");

                    response.sendRedirect("viewOrderd.jsp");

                    return;

            } else {

                    httpSession.setAttribute("message", "There is some Problem
while Ordering..!! please try again");

                    response.sendRedirect("checkout.jsp");

                    return;

            }


        } catch (Exception e) {

            e.printStackTrace();

        }


    }


}
package com.kitchenstory.controller;

import java.io.IOException;

import java.io.PrintWriter;


import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;


import org.hibernate.Session;
```

```java
import org.hibernate.Transaction;

import com.kitchenstory.entities.ContactUser;
import com.kitchenstory.helper.FactoryProvider;
import com.kitchenstory.model.ContactUserDao;

public class ContactUserCtl extends HttpServlet {
    private static final long serialVersionUID = 1L;

    public ContactUserCtl() {
        super();
        // TODO Auto-generated constructor stub
    }

    protected void doGet(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at: ").append(request.getContextPath());
    }

    protected void doPost(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        // TODO Auto-generated method stub
        doGet(request, response);

        try {
            PrintWriter out = response.getWriter();

            String userName = request.getParameter("user_name");
```

```java
String userEmail = request.getParameter("user_email");

String userPhone = request.getParameter("user_phone");

String userSubject = request.getParameter("subjectOfQuery");

String userQuery = request.getParameter("yourProblem");


ContactUser contactUser = new ContactUser();


contactUser.setUserName(userName);

contactUser.setUserEmail(userEmail);

contactUser.setUserPhone(userPhone);

contactUser.setUserSubject(userSubject);

contactUser.setUserQuery(userQuery);


ContactUserDao contactUserDao = new
ContactUserDao(FactoryProvider.getFactory());


int contactUserId = contactUserDao.saveContactUser(contactUser);


/* For displaying message properly at the VIEW Part */


HttpSession httpSession = request.getSession();

httpSession.setAttribute("message",

                "Your Query Got Submitted Successfully: !!! Contacted
User ID is: " + contactUserId);


response.sendRedirect("contactUS.jsp");

return;


} catch (Exception e) {

e.printStackTrace();
```

```
                }


        }


}
```

package com.kitchenstory.controller;

import java.io.IOException;

import java.sql.*;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

import com.kitchenstory.helper.DbConnectionProvider;

import javax.servlet.annotation.WebServlet;


```
/**
 * Servlet implementation class DeleteOrdersCtl
 */
@WebServlet(name = "DeleteOrdersCtl", urlPatterns = { "/DeleteOrdersCtl" })
public class DeleteOrdersCtl extends HttpServlet {
        private static final long serialVersionUID = 1L;


        /**
         * @see HttpServlet#HttpServlet()
         */
        public DeleteOrdersCtl() {
                super();
```

```java
            // TODO Auto-generated constructor stub

    }



    /**

     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse

     *      response)

     */

    protected void doGet(HttpServletRequest request, HttpServletResponse response)

                    throws ServletException, IOException {

            // TODO Auto-generated method stub

            response.getWriter().append("Served at:
").append(request.getContextPath());

            String idForPurchase = request.getParameter("idPurchase");

            System.out.println("Coming ID value is:" + idForPurchase);



            try {

                    Connection conn = DbConnectionProvider.getCon();

                    Statement st = conn.createStatement();



                    st.executeUpdate("delete from purchasedrecord where id_Purchase =
'" + idForPurchase + "' ");

                    HttpSession httpSession = request.getSession();

                    httpSession.setAttribute("message",

                                    "Order records got deleted Successfully..!! Deleted
Items' ID is ="

                                            + idForPurchase);

                    response.sendRedirect("adminPurchaseRecordsMgmt.jsp");

            } catch (Exception e) {

                    System.out.println(e);
```

```java
			}

		}


		/**
		 * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
		 *      response)
		 */
		protected void doPost(HttpServletRequest request, HttpServletResponse response)
						throws ServletException, IOException {
			// TODO Auto-generated method stub
			doGet(request, response);
		}


}
package com.kitchenstory.controller;


import java.io.IOException;

import java.sql.Connection;

import java.sql.Statement;


import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;


import com.kitchenstory.helper.DbConnectionProvider;
```

```java
/**
 * Servlet implementation class DeleteProductCtl
 */
@WebServlet(name = "DeleteProductCtl", urlPatterns = { "/DeleteProductCtl" })
public class DeleteProductCtl extends HttpServlet {
	private static final long serialVersionUID = 1L;

  /**
   * @see HttpServlet#HttpServlet()
   */
  public DeleteProductCtl() {
    super();
    // TODO Auto-generated constructor stub
  }

	/**
	 * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
	 */
	protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
		// TODO Auto-generated method stub
		response.getWriter().append("Served at: ").append(request.getContextPath());



		String idForProduct = request.getParameter("idProduct");
		System.out.println("Coming ID value is:" + idForProduct);
```

```java
            try {

                Connection conn = DbConnectionProvider.getCon();

                Statement st = conn.createStatement();


                st.executeUpdate("delete from product where pId = '" + idForProduct
+ "' ");

                HttpSession httpSession = request.getSession();

                httpSession.setAttribute("message",

                        "Product records got deleted Successfully..!! Deleted
Products' ID is ="

                                + idForProduct);

                response.sendRedirect("adminProductMgmt.jsp");

            } catch (Exception e) {

                System.out.println(e);


            }


        }


        /**

         * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
response)

         */

        protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {

                // TODO Auto-generated method stub

                doGet(request, response);

        }


}
package com.kitchenstory.controller;
```

```java
import java.io.IOException;

import java.io.PrintWriter;


import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;


import com.kitchenstory.entities.User;

import com.kitchenstory.helper.FactoryProvider;

import com.kitchenstory.model.UserDao;


/**
 * Servlet implementation class LoginCtl
 */
public class LoginCtl extends HttpServlet {
        private static final long serialVersionUID = 1L;

        /**
         * @see HttpServlet#HttpServlet()
         */
        public LoginCtl() {
                super();
                // TODO Auto-generated constructor stub
        }

        /**
         * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
```

```java
     *      response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response)
                    throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at: ").append(request.getContextPath());
    }


    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
     *      response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
                    throws ServletException, IOException {
        // TODO Auto-generated method stub
        // doGet(request, response);

        try {
            PrintWriter out = response.getWriter();
            HttpSession httpSession = request.getSession();
            String email = request.getParameter("email");
            String password = request.getParameter("password");

            UserDao userDao = new UserDao(FactoryProvider.getFactory());
            User user = userDao.getUserByEmailAndPassword(email, password);
            // System.out.println(user);

            if (user == null) {
                // out.println("<h1> Invalid User Details ...!! </h1>");
```

```java
                                 httpSession.setAttribute("message", "Invalid Details !! Try with
amother one ");

                                 response.sendRedirect("login.jsp");

                                 return;

                        } else {

                                 // out.println("<h1>Welcome "+ user.getUserName()+" ...!!
</h1>");

                                 /*
                                  * in this section we will redirect to two pages 1. admin.jsp 2.
                                  * normalUserLogin.jsp Because, in this application we have
two tyes of user-

                                  * admin and normal User
                                  */


                                 // save logged in data by HttpSession's Object

                                 httpSession.setAttribute("current-user", user);
                                 if (user.getUserType().equals("admin")) {
                                         // admin :-admin.jsp
                                         response.sendRedirect("admin.jsp");
                                 } else if (user.getUserType().equals("normal")) {
                                         // normal :-normal.jsp
                                         response.sendRedirect("normalUser.jsp");
                                 } else {
                                         out.println("<h1> We have not identified User Type...!!
Please try Again</h1>");
                                 }


                        }


                } catch (Exception e) {
```

```java
                e.printStackTrace();
            }
        }

}
package com.kitchenstory.controller;

import java.io.IOException;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

public class LogoutCtl extends HttpServlet {
        private static final long serialVersionUID = 1L;

        public LogoutCtl() {
                super();
                // TODO Auto-generated constructor stub
        }

        protected void doGet(HttpServletRequest request, HttpServletResponse response)
                        throws ServletException, IOException {
                // TODO Auto-generated method stub
                // response.getWriter().append("Served at:
").append(request.getContextPath());
                // Performing Logout operation

                HttpSession httpSession = request.getSession();

                httpSession.removeAttribute("current-user");
```

```java
            response.sendRedirect("login.jsp");
        }


    protected void doPost(HttpServletRequest request, HttpServletResponse response)
                throws ServletException, IOException {
            // TODO Auto-generated method stub
            doGet(request, response);
        }


}
package com.kitchenstory.controller;

import java.io.File;

import java.io.FileInputStream;

import java.io.FileOutputStream;

import java.io.IOException;

import java.io.InputStream;

import java.io.PrintWriter;


import javax.servlet.ServletException;

import javax.servlet.annotation.MultipartConfig;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;

import javax.servlet.http.Part;


import com.kitchenstory.entities.Category;

import com.kitchenstory.entities.Product;
```

```java
import com.kitchenstory.helper.FactoryProvider;

import com.kitchenstory.model.CategoryDao;

import com.kitchenstory.model.ProductDao;


//this annotation is used to access video,audio or Images from the Form

@MultipartConfig
public class ProductOperationCtl extends HttpServlet {

        private static final long serialVersionUID = 1L;


        public ProductOperationCtl() {

                super();

                // TODO Auto-generated constructor stub

        }


        protected void doGet(HttpServletRequest request, HttpServletResponse response)

                        throws ServletException, IOException {

                // TODO Auto-generated method stub

                response.getWriter().append("Served at:
").append(request.getContextPath());

        }


        protected void doPost(HttpServletRequest request, HttpServletResponse response)

                        throws ServletException, IOException {


                PrintWriter out = response.getWriter();


                try {


                        /*
```

```
                    * With this Servlet we will take task of 2 servlet like:
addCategoryServlet and

                    * addProductServlet ...

                    */


                    String op = request.getParameter("operation");


                    if (op.trim().equals("addcategory")) {


                            // add Category Servlet Task
                            // Fetching Category Data
                            String title = request.getParameter("catTitle");
                            String description = request.getParameter("catDescription");


                            Category category = new Category();
                            category.setCategoryTitle(title);
                            category.setCategoryDescription(description);


                            // category data database save


                            CategoryDao categoryDao = new
CategoryDao(FactoryProvider.getFactory());
                            int catId = categoryDao.saveCategory(category);


                            // out.println("Category data saved in DB: ");
                            HttpSession httpSession = request.getSession();
                            httpSession.setAttribute("message", "Category added
successfully : " + catId);

                            response.sendRedirect("admin.jsp");
                            return;
```

```java
} else if (op.trim().equals("addproduct")) {

    // add Product Servlet complete Task we will do here

    String pName = request.getParameter("pName");

    String pDesc = request.getParameter("pDesc");

    int pPrice = Integer.parseInt(request.getParameter("pPrice"));

    int pDiscount = Integer.parseInt(request.getParameter("pDiscount"));

    int pQuantity = Integer.parseInt(request.getParameter("pQuantity"));

    // System.out.println("Coming Quantity is : " + pQuantity);

    int catId = Integer.parseInt(request.getParameter("catId"));

    // System.out.println("Coming Category ID is : " + catId);

    // Now Receiving Product Pic from View Part by this line of code

    Part part = request.getPart("pPic");

    Product p = new Product();

    p.setpName(pName);

    p.setpDesc(pDesc);

    p.setpPrice(pPrice);

    p.setpDiscount(pDiscount);

    p.setpQuantity(pQuantity);

    // by part.getSubmittedFileName() method we extract name of submitted file/pic
```

```java
                    p.setpPhoto(part.getSubmittedFileName());

                    // get Category Object by category id because category data is
not part of

                    // Product table so storing data of category into product we
will do by

                    // Following method


                    CategoryDao cdao = new
CategoryDao(FactoryProvider.getFactory());
                    Category category = cdao.getCategoryById(catId);
                    p.setCategory(category);


                    // product save
                    ProductDao pdao = new
ProductDao(FactoryProvider.getFactory());
                    pdao.saveProduct(p);


                    // product pic upload
                    // 1. First Find out the path to upload pic, very first goto till
your peoject
                    // by using this code of line


                    try {
                            String path = request.getRealPath("image") +
File.separator + "products" + File.separator
                                            + part.getSubmittedFileName();
                            System.out.println(path);


                            // Uploading Image/File Code
                            FileOutputStream fos = new FileOutputStream(path);
```

```java
                            InputStream is = part.getInputStream();
                            // Reading data by InputStream


                            byte[] data = new byte[is.available()];
                            is.read(data);


                            // Now Writing data by File Output Stream
                            fos.write(data);
                            fos.close();
                    } catch (Exception e) {
                            e.printStackTrace();
                    }


                    // out.println("product save success....");
                    HttpSession httpSession = request.getSession();
                    httpSession.setAttribute("message", "Product is added
successfully...");

                    response.sendRedirect("admin.jsp");
                    return;


                }


        } catch (Exception e) {
                e.printStackTrace();
        }


    }


}
```

```java
package com.kitchenstory.controller;

import java.io.IOException;

import java.io.PrintWriter;


import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;


import org.hibernate.Session;

import org.hibernate.Transaction;


import com.kitchenstory.entities.User;

import com.kitchenstory.helper.FactoryProvider;


/**
 * Servlet implementation class RegisterCtl
 */
@WebServlet(name = "RegisterCtl", urlPatterns = { "/RegisterCtl" })
public class RegisterCtl extends HttpServlet {
        private static final long serialVersionUID = 1L;


        public RegisterCtl() {
                super();
                // TODO Auto-generated constructor stub
        }
```

```java
protected void doGet(HttpServletRequest request, HttpServletResponse response)
                throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at:
").append(request.getContextPath());
    }


protected void doPost(HttpServletRequest request, HttpServletResponse response)
                throws ServletException, IOException {
        // TODO Auto-generated method stub
        // doGet(request, response);

        try {
                PrintWriter out = response.getWriter();

                String userName = request.getParameter("user_name");
                String userEmail = request.getParameter("user_email");
                String userPassword = request.getParameter("user_password");
                String userPhone = request.getParameter("user_phone");
                String userAddress = request.getParameter("user_address");

                /* SERVER side validations, We can do here */
                if (userName.isEmpty()) {

                        out.print("<html><body><h1> Name can not be blank\n
</h1></body></html>");
                        return;

                }
```

```java
/* Creating User object to store the data in DB */

User user = new User(userName, userEmail, userPassword,
userPhone, "default.jpg", userAddress, "normal");


/*
 * Now Saving Data in Hibernate....!!! Steps for this will be ---- 1. Create
 * Hibernate Session 2. Create Transaction Object and Begin Transaction 3.
 * Perform Save operation so that Data should saved in DB 4. Commit the
 * Transaction 5. Close the Hibernate Session
 */
Session hibernateSession =
FactoryProvider.getFactory().openSession();


Transaction tx = hibernateSession.beginTransaction();

int userId = (int) hibernateSession.save(user);


tx.commit();

hibernateSession.close();


/*
 * out.print("<html><body><h1>Successfully Data Saved in DB:</h1></body></html>"
 * ); out.print("<html><body><h1><br>User id is: "+userId +
 * "</h1></body></html>");
 */


/* For displaying message properly at the VIEW Part */
```

```java
                    HttpSession httpSession = request.getSession();

                    httpSession.setAttribute("message", "Registration Successful: !!! User
ID is: " + userId);


                    response.sendRedirect("register.jsp");

                    return;


            } catch (Exception e) {

                    e.printStackTrace();

            }

        }


}
package com.kitchenstory.controller;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.*;


import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;


import com.kitchenstory.helper.DbConnectionProvider;


public class UpdateAdminPasswordCtl extends HttpServlet {

        private static final long serialVersionUID = 1L;


        public UpdateAdminPasswordCtl() {
```

```java
        super();
        // TODO Auto-generated constructor stub
    }


    protected void doGet(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        // TODO Auto-generated method stub
        response.getWriter().append("Served at:
").append(request.getContextPath());
    }


    protected void doPost(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        // TODO Auto-generated method stub
        doGet(request, response);


        try {

            PrintWriter out = response.getWriter();

            HttpSession httpSession = request.getSession();

            String adminEmail = request.getParameter("admin_email");

            String adminPassword =
request.getParameter("admin_Newpassword");

            String userType = "admin";


            int check = 0;

            Connection con = DbConnectionProvider.getCon();

            Statement stmt = con.createStatement();

            ResultSet rs = stmt.executeQuery("select *from user where
user_email='" + adminEmail + "' ");
```

```java
                while (rs.next()) {

                    check = 1;

                    stmt.executeUpdate(

                            "update user set user_password='" +
adminPassword + "' where user_type='" + userType + "' ");

                    httpSession.setAttribute("message", "Admin Password Got
Updated");

                    response.sendRedirect("admin.jsp");

                }

                if (check == 0) {

                    httpSession.setAttribute("message", "There is some Problem
..!! please try again");

                    response.sendRedirect("admin.jsp");

                }


        } catch (Exception e) {

            e.printStackTrace();

        }


    }


}
package com.kitchenstory.controller;


import java.io.IOException;

import java.sql.Connection;

import java.sql.Statement;


import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;
```

```java
import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;


import com.kitchenstory.helper.DbConnectionProvider;


/**
 * Servlet implementation class UpdateCategoryCtl
 */
@WebServlet(name = "UpdateCategoryCtl", urlPatterns = { "/UpdateCategoryCtl" })
public class UpdateCategoryCtl extends HttpServlet {
        private static final long serialVersionUID = 1L;


  /**
   * @see HttpServlet#HttpServlet()
   */
  public UpdateCategoryCtl() {
    super();
    // TODO Auto-generated constructor stub
  }


      /**
       * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
       */
      protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
                // TODO Auto-generated method stub
```

```java
                response.getWriter().append("Served at:
").append(request.getContextPath());

        }


        /**
         * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
response)
         */
        protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
                // TODO Auto-generated method stub
                doGet(request, response);



HttpSession httpSession = request.getSession();


                String idCategory =request.getParameter("idforUpdateCategory");
                System.out.println("Coming Id for Update Value is:" + idCategory);


                String c_Description =request.getParameter("cDescription");
                String c_Title =request.getParameter("cTitle");


                try {
                        Connection conn = DbConnectionProvider.getCon();
                        Statement st = conn.createStatement();
                        st.executeUpdate("update category set
categoryDescription='"+c_Description+"',categoryTitle='"+c_Title+"' where
categoryId='"+idCategory+"' ");


                        httpSession.setAttribute("message", "Category Updated Successful:
!!! Product ID is: " + idCategory);
```

```java
                    response.sendRedirect("adminCategoriesMgmt.jsp");

                    return;

            } catch (Exception e) {

                    System.out.println(e);

                    httpSession.setAttribute("message", "some problem occur: Please try
again !!!  ");

                    response.sendRedirect("adminCategoriesMgmt.jsp");

            }




        }


}
package com.kitchenstory.controller;


import java.io.IOException;

import java.sql.*;


import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;


import com.kitchenstory.helper.DbConnectionProvider;


/**
```

```java
 * Servlet implementation class UpdateProductCtl
 */

@WebServlet(name = "UpdateProductCtl", urlPatterns = { "/UpdateProductCtl" })
public class UpdateProductCtl extends HttpServlet {
        private static final long serialVersionUID = 1L;

  /**
   * @see HttpServlet#HttpServlet()
   */
  public UpdateProductCtl() {
    super();
    // TODO Auto-generated constructor stub
  }


      /**
       * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse
response)
       */
      protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
                // TODO Auto-generated method stub
                response.getWriter().append("Served at:
").append(request.getContextPath());
      }


      /**
       * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
response)
       */
```

```java
        protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {

                // TODO Auto-generated method stub

                doGet(request, response);

                HttpSession httpSession = request.getSession();


                String idProduct =request.getParameter("idforUpdateProduct");

                System.out.println("Coming Id for Update Value is:" + idProduct);


                String p_Description =request.getParameter("pDescription");

                String p_Discount =request.getParameter("pDiscount");

                String p_Name =request.getParameter("pName");

                String p_Price =request.getParameter("pPrice");

                String p_Quantity =request.getParameter("pQuantity");



                try {

                        Connection conn = DbConnectionProvider.getCon();

                        Statement st = conn.createStatement();

                        st.executeUpdate("update product set
pDesc='"+p_Description+"',pDiscount='"+p_Discount+"',
pName='"+p_Name+"',pPrice='"+p_Price+"', pQuantity='"+p_Quantity+"' where
pId='"+idProduct+"' ");


                        httpSession.setAttribute("message", "Product Updated Successful: !!!
Product ID is: " + idProduct);

                        response.sendRedirect("adminProductMgmt.jsp");

                        return;
                } catch (Exception e) {

                        System.out.println(e);
```

```java
                        httpSession.setAttribute("message", "some problem occur: Please try
again !!!  ");

                        response.sendRedirect("adminProductMgmt.jsp");

                }


        }


}
package com.kitchenstory.controller;


import java.io.IOException;

import java.sql.Connection;

import java.sql.Statement;


import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;


import com.kitchenstory.helper.DbConnectionProvider;


/**
 * Servlet implementation class UpdatePurchaseRecordCtl
 */
@WebServlet(name = "UpdatePurchaseRecordCtl", urlPatterns = {
"/UpdatePurchaseRecordCtl" })
public class UpdatePurchaseRecordCtl extends HttpServlet {
        private static final long serialVersionUID = 1L;
```

```java
/**
 * @see HttpServlet#HttpServlet()
 */
public UpdatePurchaseRecordCtl() {
    super();
    // TODO Auto-generated constructor stub
}


    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
            // TODO Auto-generated method stub
            response.getWriter().append("Served at: ").append(request.getContextPath());
    }


    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
            // TODO Auto-generated method stub
            doGet(request, response);


HttpSession httpSession = request.getSession();
```

```java
String idPurchase =request.getParameter("idforUpdatePurchaseDeatils");

System.out.println("Coming Id for Update Value is:" + idPurchase);


String purchaseUser =request.getParameter("userName");

String purchaseUserEmail =request.getParameter("emailUser");

String purchaseUserPhone =request.getParameter("usermobile");

String purchaseDate =request.getParameter("date");

String purchaseCategory =request.getParameter("category");


String purchaseAmount =request.getParameter("totalAmount");

String deliveryAddress =request.getParameter("shippingAddress");


String deliveryStatus = request.getParameter("deliveryStatus");

String paymentMode = request.getParameter("paymentMode");

String totalDaysforDelivery = request.getParameter("totalDaysforDelivery");




try {

        Connection conn = DbConnectionProvider.getCon();

        Statement st = conn.createStatement();

        st.executeUpdate("update purchasedrecord set
purchase_User='"+purchaseUser+"',purchase_UserEmail='"+purchaseUserEmail+"',
purchase_Date='"+purchaseDate+"',purchase_Category='"+purchaseCategory+"',
purchase_TotalAmount='"+purchaseAmount+"' ,
purchase_UserContact='"+purchaseUserPhone+"',
purchase_UserShippingAddress='"+deliveryAddress+"',
purchase_ExpectedDaysForDelivery='"+totalDaysforDelivery+"',
purchase_PaymentMode='"+paymentMode+"',
purchase_DeliveryStatus='"+deliveryStatus+"' where id_Purchase='"+idPurchase+"' ");
```

```java
                    httpSession.setAttribute("message", "Purchase Record got Updated
Successfully: !!! Purchase ID is: " + idPurchase);

                    response.sendRedirect("adminPurchaseRecordsMgmt.jsp");

                    return;

            } catch (Exception e) {

                    System.out.println(e);

                    httpSession.setAttribute("message", "some problem occur: Please try
again !!!  ");

                    response.sendRedirect("adminPurchaseRecordsMgmt.jsp");

            }


    }


}
```

++

Entities Level Code

++

```java
package com.kitchenstory.entities;


import java.util.ArrayList;

import java.util.List;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.persistence.OneToMany;


@Entity

public class Category {
```

```java
@Id
@GeneratedValue(strategy = GenerationType.IDENTITY)
private int categoryId;

/*
 * Here Column name of Category table will be same , hence no need to change
 * column name like previously for User entity we have done
 */
private String categoryTitle;
private String categoryDescription;

@OneToMany(mappedBy = "category")
private List<Product> products = new ArrayList<>();

public Category(int categoryId, String categoryTitle, String categoryDescription) {
        this.categoryId = categoryId;
        this.categoryTitle = categoryTitle;
        this.categoryDescription = categoryDescription;
}

public Category(String categoryTitle, String categoryDescription, List<Product> products) {

        this.categoryTitle = categoryTitle;
        this.categoryDescription = categoryDescription;
        this.products = products;
}

public Category() {
```

```java
        }

        public int getCategoryId() {
                return categoryId;
        }

        public void setCategoryId(int categoryId) {
                this.categoryId = categoryId;
        }

        public String getCategoryTitle() {
                return categoryTitle;
        }

        public void setCategoryTitle(String categoryTitle) {
                this.categoryTitle = categoryTitle;
        }

        public String getCategoryDescription() {
                return categoryDescription;
        }

        public void setCategoryDescription(String categoryDescription) {
                this.categoryDescription = categoryDescription;
        }

        public List<Product> getProducts() {
                return products;
```

```java
        }


        public void setProducts(List<Product> products) {

                this.products = products;

        }


        @Override

        public String toString() {

                return "Category [categoryId=" + categoryId + ", categoryTitle=" +
categoryTitle + ", categoryDescription="

                                + categoryDescription + "]";

        }


}
package com.kitchenstory.entities;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

import javax.persistence.ManyToOne;


@Entity

public class Product {


        @Id

        @GeneratedValue(strategy = GenerationType.IDENTITY)

        private int pId;


        private String pName;
```

```java
		@Column(length = 3000)

		private String pDesc;

		private String pPhoto;

		private int pPrice;

		private int pDiscount;

		private int pQuantity;


		@ManyToOne

		private Category category;


		public Product() {


		}


		public Product(String pName, String pDesc, String pPhoto, int pPrice, int pDiscount,
int pQuantity,

						Category category) {
				super();
				this.pName = pName;
				this.pDesc = pDesc;
				this.pPhoto = pPhoto;
				this.pPrice = pPrice;
				this.pDiscount = pDiscount;
				this.pQuantity = pQuantity;
				this.category = category;
		}


		public int getpId() {
				return pId;
```

```java
        }

        public void setpId(int pId) {
                this.pId = pId;
        }

        public String getpName() {
                return pName;
        }

        public void setpName(String pName) {
                this.pName = pName;
        }

        public String getpDesc() {
                return pDesc;
        }

        public void setpDesc(String pDesc) {
                this.pDesc = pDesc;
        }

        public String getpPhoto() {
                return pPhoto;
        }

        public void setpPhoto(String pPhoto) {
                this.pPhoto = pPhoto;
        }
```

```java
public int getpPrice() {

        return pPrice;

}


public void setpPrice(int pPrice) {

        this.pPrice = pPrice;

}


public int getpDiscount() {

        return pDiscount;

}


public void setpDiscount(int pDiscount) {

        this.pDiscount = pDiscount;

}


public int getpQuantity() {

        return pQuantity;

}


public void setpQuantity(int pQuantity) {

        this.pQuantity = pQuantity;

}


public Category getCategory() {

        return category;

}
```

```java
        public void setCategory(Category category) {

                this.category = category;

        }


        @Override

        public String toString() {

                return "Product [pId=" + pId + ", pName=" + pName + ", pDesc=" + pDesc + ",
pPhoto=" + pPhoto + ", pPrice="

                                        + pPrice + ", pDiscount=" + pDiscount + ", pQuantity=" +
pQuantity + ", category=" + category + "]";

        }


        // Calculate price after discount

        public int getPriceAfterApplyingDiscount() {


                int d = (int) ((this.getpDiscount() / 100.0) * this.getpPrice());


                return (this.getpPrice() - d);


        }


}
package com.kitchenstory.entities;
public class PurchasedRecord {

        private long id_Purchase;
        private String purchase_User;
        private String purchase_UserEmail;
        private String purchase_UserContact;
        private String purchase_UserShippingAddress;
        private String purchase_Date;
        private String purchase_Category;
        private String purchase_DeliveryStatus;
        private String purchase_PaymentMode;
        private String purchase_TotalAmount;
```

```java
        private String purchase_ExpectedDaysForDelivery;



        public String getPurchase_ExpectedDaysForDelivery() {
                return purchase_ExpectedDaysForDelivery;
        }

        public void setPurchase_ExpectedDaysForDelivery(String
purchase_ExpectedDaysForDelivery) {
                this.purchase_ExpectedDaysForDelivery =
purchase_ExpectedDaysForDelivery;
        }

        public long getId_Purchase() {
                return id_Purchase;
        }

        public void setId_Purchase(long id_Purchase) {
                this.id_Purchase = id_Purchase;
        }

        public String getPurchase_User() {
                return purchase_User;
        }

        public void setPurchase_User(String purchase_User) {
                this.purchase_User = purchase_User;
        }

        public String getPurchase_UserEmail() {
                return purchase_UserEmail;
        }

        public void setPurchase_UserEmail(String purchase_UserEmail) {
                this.purchase_UserEmail = purchase_UserEmail;
        }

        public String getPurchase_UserContact() {
                return purchase_UserContact;
        }

        public void setPurchase_UserContact(String
purchase_UserContact) {
                this.purchase_UserContact = purchase_UserContact;
        }

        public String getPurchase_UserShippingAddress() {
                return purchase_UserShippingAddress;
```

```java
        }

        public void setPurchase_UserShippingAddress(String
purchase_UserShippingAddress) {
                this.purchase_UserShippingAddress =
purchase_UserShippingAddress;
        }

        public String getPurchase_Date() {
                return purchase_Date;
        }

        public void setPurchase_Date(String purchase_Date) {
                this.purchase_Date = purchase_Date;
        }

        public String getPurchase_Category() {
                return purchase_Category;
        }

        public void setPurchase_Category(String purchase_Category) {
                this.purchase_Category = purchase_Category;
        }

        public String getPurchase_DeliveryStatus() {
                return purchase_DeliveryStatus;
        }

        public void setPurchase_DeliveryStatus(String
purchase_DeliveryStatus) {
                this.purchase_DeliveryStatus = purchase_DeliveryStatus;
        }

        public String getPurchase_PaymentMode() {
                return purchase_PaymentMode;
        }

        public void setPurchase_PaymentMode(String
purchase_PaymentMode) {
                this.purchase_PaymentMode = purchase_PaymentMode;
        }

        public String getPurchase_TotalAmount() {
                return purchase_TotalAmount;
        }

        public void setPurchase_TotalAmount(String
purchase_TotalAmount) {
                this.purchase_TotalAmount = purchase_TotalAmount;
```

```java
        }

        @Override
        public String toString() {
                return "PurchasedRecord [id_Purchase=" + id_Purchase + ",
purchase_User=" + purchase_User
                                + ", purchase_UserEmail=" + purchase_UserEmail
+ ", purchase_UserContact=" + purchase_UserContact
                                + ", purchase_UserShippingAddress=" +
purchase_UserShippingAddress + ", purchase_Date=" + purchase_Date
                                + ", purchase_Category=" + purchase_Category +
", purchase_DeliveryStatus=" + purchase_DeliveryStatus
                                + ", purchase_PaymentMode=" +
purchase_PaymentMode + ", purchase_TotalAmount=" +
purchase_TotalAmount
                                + ", purchase_ExpectedDaysForDelivery=" +
purchase_ExpectedDaysForDelivery + "]";
        }

}
```

package com.kitchenstory.entities;

import javax.persistence.Column;

import javax.persistence.Entity;

import javax.persistence.GeneratedValue;

import javax.persistence.GenerationType;

import javax.persistence.Id;

@Entity

public class User {

        @Id

        @GeneratedValue(strategy = GenerationType.IDENTITY)

        @Column(length = 10, name = "user_id")

        private int userId;

        @Column(length = 100, name = "user_name")

        private String userName;

```java
@Column(length = 100, name = "user_email")
private String userEmail;

@Column(length = 100, name = "user_password")
private String userPassword;

@Column(length = 12, name = "user_phone")
private String userPhone;

@Column(length = 1500, name = "user_pic")
private String userPic;

@Column(length = 1500, name = "user_address")
private String userAddress;

@Column(name = "user_type")
private String userType;

public User(int userId, String userName, String userEmail, String userPassword, String userPhone, String userPic,
                String userAddress, String userType) {
    super();
    this.userId = userId;
    this.userName = userName;
    this.userEmail = userEmail;
    this.userPassword = userPassword;
    this.userPhone = userPhone;
    this.userPic = userPic;
    this.userAddress = userAddress;
```

```java
            this.userType = userType;

        }


        public User(String userName, String userEmail, String userPassword, String
userPhone, String userPic,
                        String userAddress, String userType) {

            super();

            this.userName = userName;

            this.userEmail = userEmail;

            this.userPassword = userPassword;

            this.userPhone = userPhone;

            this.userPic = userPic;

            this.userAddress = userAddress;

            this.userType = userType;

        }


        public User() {

            super();

        }


        public int getUserId() {

            return userId;

        }


        public void setUserId(int userId) {

            this.userId = userId;

        }


        public String getUserName() {

            return userName;
```

```java
        }

        public void setUserName(String userName) {
                this.userName = userName;
        }

        public String getUserEmail() {
                return userEmail;
        }

        public void setUserEmail(String userEmail) {
                this.userEmail = userEmail;
        }

        public String getUserPassword() {
                return userPassword;
        }

        public void setUserPassword(String userPassword) {
                this.userPassword = userPassword;
        }

        public String getUserPhone() {
                return userPhone;
        }

        public void setUserPhone(String userPhone) {
                this.userPhone = userPhone;
        }
```

```java
public String getUserPic() {

        return userPic;

}


public void setUserPic(String userPic) {

        this.userPic = userPic;

}


public String getUserAddress() {

        return userAddress;

}


public void setUserAddress(String userAddress) {

        this.userAddress = userAddress;

}


public String getUserType() {

        return userType;

}


public void setUserType(String userType) {

        this.userType = userType;

}


@Override
public String toString() {

        return "User [userId=" + userId + ", userName=" + userName + ", userEmail="
+ userEmail + ", userPassword="
```

```
                    + userPassword + ", userPhone=" + userPhone + ", userPic=" +
userPic + ", userAddress=" + userAddress

                    + ", userType=" + userType + "]";

    }


}
```

++

Helper Class/Classes

++

```java
package com.kitchenstory.helper;

import java.sql.*;

public class DbConnectionProvider {

    public static Connection getCon() {

        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/phase5-
kitchenstory", "root",
                        "root");
            return con;
        } catch (Exception e) {
            System.out.println(e);
            return null;
        }

    }

}


package com.kitchenstory.helper;

import org.hibernate.SessionFactory;

import org.hibernate.cfg.Configuration;


public class FactoryProvider {

        private static SessionFactory factory;
```

```java
        public static SessionFactory getFactory() {

                try {


                        if (factory == null) {

                                factory = new
Configuration().configure("hibernate.cfg.xml").buildSessionFactory();

                        }


                } catch (Exception e) {

                        e.printStackTrace();

                }


                return factory;

        }

}
package com.kitchenstory.helper;

import java.util.HashMap;

import java.util.Map;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.query.Query;


public class Helper {

        public static String get10Words(String desc) {


                String[] strs = desc.split(" ");


                if (strs.length > 10) {
```

```java
        String res = "";

        for (int i = 0; i < 10; i++) {


                res = res + strs[i] + " ";

        }


        return (res + "...");


    } else {


        return (desc + "...");

    }

}


/*
 * Counting number of User and number of Product foe the Admin portal live data
 */


public static Map<String, Long> getCounts(SessionFactory factory) {


    Session session = factory.openSession();

    String q1 = "Select count(*) from User";

    String q2 = "Select count(*) from Product";


    Query query1 = session.createQuery(q1);

    Query query2 = session.createQuery(q2);


    Long userCount = (Long) query1.list().get(0);

    Long productCount = (Long) query2.list().get(0);
```

```java
            Map<String, Long> map = new HashMap<>();

            map.put("userCount", userCount);

            map.put("productCount", productCount);


            session.close();


            return map;


    }
}
```

++

Model Classes

++

```java
package com.kitchenstory.model;


import java.util.List;


import org.hibernate.HibernateException;

import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

import org.hibernate.query.Query;


import com.kitchenstory.entities.Category;


public class CategoryDao {


        private SessionFactory factory;
```

```java
public CategoryDao(SessionFactory factory) {

        this.factory = factory;

}


// Saves the Category data to DB
public int saveCategory(Category cat) {


        int catId = 0;
        try {

                Session session = this.factory.openSession();

                Transaction tx = session.beginTransaction();

                catId = (int) session.save(cat);

                tx.commit();


                session.close();
        } catch (HibernateException e) {

                // TODO Auto-generated catch block

                e.printStackTrace();

        }


        return catId;
}


public List<Category> getCategories() {


        Session s = this.factory.openSession();

        Query query = s.createQuery("from Category");

        List<Category> list = query.list();
```

```java
            return list;

        }


        // Method for getting single category object
        public Category getCategoryById(int cid) {


                Category cat = null;


                try {


                        Session session = this.factory.openSession();
                        cat = session.get(Category.class, cid);
                        session.close();


                } catch (Exception e) {
                        e.printStackTrace();
                }


                return cat;

        }


}
package com.kitchenstory.model;


import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;
```

```java
import com.kitchenstory.entities.ContactUser;

public class ContactUserDao {

    private SessionFactory factory;

    public ContactUserDao(SessionFactory factory) {
        this.factory = factory;
    }

    public int saveContactUser(ContactUser contactUser) {

        int contactUserId = 0;

        try {

            Session session = this.factory.openSession();
            Transaction tx = session.beginTransaction();

            contactUserId = (int) session.save(contactUser);
            tx.commit();
            session.close();

        } catch (Exception e) {
            e.printStackTrace();
        }

        return contactUserId;
    }
```

```java
}
package com.kitchenstory.model;

import java.util.List;

import org.hibernate.Session;
import org.hibernate.SessionFactory;
import org.hibernate.Transaction;
import org.hibernate.query.Query;

import com.kitchenstory.entities.Product;

public class ProductDao {

        private SessionFactory factory;

        public ProductDao(SessionFactory factory) {
                this.factory = factory;
        }

        public boolean saveProduct(Product product) {

                boolean f = false;

                try {

                        Session session = this.factory.openSession();
                        Transaction tx = session.beginTransaction();
```

```java
                session.save(product);

                tx.commit();

                session.close();

                f = true;


        } catch (Exception e) {

                e.printStackTrace();

                f = false;

        }


        return f;

}


// Getting All Products
public List<Product> getAllProducts() {


        Session s = this.factory.openSession();

        Query query = s.createQuery("from Product");

        List<Product> list = query.list();

        return list;

}


// Getting Products by ID
public List<Product> getAllProductsById(int cid) {


        Session s = this.factory.openSession();


        Query query = s.createQuery("from Product as p where
p.category.categoryId =: id");
```

```java
			query.setParameter("id", cid);

			List<Product> list = query.list();
			return list;
		}

}
package com.kitchenstory.model;

import java.sql.*;

import com.kitchenstory.entities.PurchasedRecord;
import com.kitchenstory.helper.DbConnectionProvider;

public class PurchasedRecordDao {

	public static long nextPk() {
		long pk = 0;
		Connection conn;
		try {
			conn = DbConnectionProvider.getCon();
			PreparedStatement stmt = conn.prepareStatement("select Max(id_Purchase) from purchasedrecord");
			ResultSet rs = stmt.executeQuery();
			while (rs.next()) {
				pk = rs.getLong(1);
			}
		} catch (Exception e) {
			// TODO Auto-generated catch block
			e.printStackTrace();
```

```java
		}

		return pk + 1;


	}


	public static long addPurchasedRecord(PurchasedRecord record) {

		int i = 0;

		try {

			Connection conn = DbConnectionProvider.getCon();

			PreparedStatement stmt = conn.prepareStatement("insert into
purchasedrecord values(?,?,?,?,?,?,?,?,?,?)");

			stmt.setLong(1, nextPk());


			stmt.setString(2, record.getPurchase_User());

			stmt.setString(3, record.getPurchase_UserEmail());

			stmt.setString(4, record.getPurchase_UserContact());

			stmt.setString(5, record.getPurchase_UserShippingAddress());

			stmt.setString(6, record.getPurchase_Date());

			stmt.setString(7, record.getPurchase_Category());

			stmt.setString(8, record.getPurchase_DeliveryStatus());

			stmt.setString(9, record.getPurchase_PaymentMode());

			stmt.setString(10, record.getPurchase_TotalAmount());

			stmt.setString(11, record.getPurchase_ExpectedDaysForDelivery());


			i = stmt.executeUpdate();


		} catch (Exception e) {

			// TODO Auto-generated catch block

			e.printStackTrace();

		}
```

```java
                return i;

        }


}
package com.kitchenstory.model;


import org.hibernate.query.Query;


import com.kitchenstory.entities.User;


import org.hibernate.Session;
import org.hibernate.SessionFactory;


public class UserDao {
        private SessionFactory factory;


        /* Constructor */
        public UserDao(SessionFactory factory) {
                this.factory = factory;
        }


        /* Getting User by email and Password */
        public User getUserByEmailAndPassword(String email, String password) {


                User user = null;


                try {
                        /* here we will use hql Hibernate Query language to perfrom DB
transaction */
```

```java
                String query = "from User where userEmail =: e and userPassword
=:p";

                Session hibernateSession = this.factory.openSession();


                Query q = hibernateSession.createQuery(query);

                q.setParameter("e", email);

                q.setParameter("p", password);


                /*
                 * Because we want single result so we will use unique method not list
method of

                 * hibernate

                 */


                user = (User) q.uniqueResult();


                hibernateSession.close();

        } catch (Exception e) {

                e.printStackTrace();

        }


        return user;

    }


}
```

++

Resource Class

++

```xml
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE hibernate-mapping PUBLIC
"-//Hibernate/Hibernate Mapping DTD 3.0//EN"
"hibernate.org/dtd/hibernate-mapping-3.0.dtd">

<hibernate-configuration>
    <session-factory>
        <property
name="connection.driver_class">com.mysql.cj.jdbc.Driver</property>
        <property
name="connection.url">jdbc:mysql://localhost:3306/phase5-
kitchenstory</property>
        <property name="connection.username">root</property>
        <property name="connection.password">root</property>
        <property
name="dialect">org.hibernate.dialect.MySQL8Dialect</property>
        <property name="hbm2ddl.auto">update</property>
        <property name="show_sql">true</property>
        <mapping class="com.kitchenstory.entities.User" />
        <mapping class="com.kitchenstory.entities.Category" />
        <mapping class="com.kitchenstory.entities.Product" />
        <mapping class="com.kitchenstory.entities.ContactUser" />

    </session-factory>
</hibernate-configuration>
```

++

JSP Files' Code

++

```html
<!--css -->
<link rel="stylesheet"
    href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bo
otstrap.min.css"
    integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
    crossorigin="anonymous">

<link
    href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css"
    rel="stylesheet"
    integrity="sha384-
wvfXpqpZZVQGK6TAh5PVLGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN"
```

```html
          crossorigin="anonymous">


<!-- By including here we can apply this css everywhere in the
project -->
<link rel="stylesheet" href="css/style.css">


<!-- javascript-->
<script src="https://code.jquery.com/jquery-3.5.1.min.js"
     integrity="sha256-
9/aliU8dGd2tb6OSsuzixeV4y/faTqgFtohetphbbj0="
     crossorigin="anonymous"></script>
<script
     src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/po
pper.min.js"
     integrity="sha384-
Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
     crossorigin="anonymous"></script>
<script
     src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/boo
tstrap.min.js"
     integrity="sha384-
wfSDF2E50Y2D1uUdj0O3uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GCExl3Og8ifwB6"
     crossorigin="anonymous"></script>
<script src="js/script.js"></script>




<!-- Modal -->
<div class="modal fade" id="cart" tabindex="-1" role="dialog"
     aria-labelledby="exampleModalLabel" aria-hidden="true">
     <div class="modal-dialog modal-lg" role="document">
          <div class="modal-content">
               <div class="modal-header">
                    <h5 class="modal-title"
id="exampleModalLabel">Your Cart</h5>
                    <button type="button" class="close" data-
dismiss="modal"
                         aria-label="Close">
                         <span aria-hidden="true">&times;</span>
                    </button>
               </div>
               <div class="modal-body">

                    <!-- This div cart we will use for displaying
cart data in the cart icon -->
```

```html
                    <div class="cart-body"></div>


            </div>
            <div class="modal-footer">
                    <button type="button" class="btn btn-secondary" data-dismiss="modal">Close</button>
                    <button type="button" class="btn btn-primary checkout-btn"
                            onclick="goToCheckout()">Check-Out</button>
            </div>
        </div>
    </div>
</div>

<div id="toast">This is our custom Toast text</div>



<div class="card text-center bg-warning mt-3">
    <div class="card-body">
        <p class="card-text">
            <b>Owned By © 2022 Copyright:</b> <a style="color: white;"
                    href="kitchenStoryWelcome.jsp">Kitchen-Story.com</a> <b>Visit US
                    on Our Online Delivery Application </b> <a style="color: white;"
                    href="aboutUS.jsp">About-Us</a>
        </p>

    </div>
</div>


<%
    String message = (String) session.getAttribute("message");
if (message != null) {

    //Printing Message according to need

    //out.println(message);
%>

<div class="alert alert-success alert-dismissible fade show"
    role="alert">
    <strong><%=message%></strong>
    <button type="button" class="close" data-dismiss="alert"
```

```jsp
                aria-label="Close">
                <span aria-hidden="true">&times;</span>
        </button>
</div>


<%
        //After Printing Message according to need remove session
value so that we can reuse session again

session.removeAttribute("message");
}
%>

<!-- Conditional Rendering for logout Button when user is Logged In
-->
<%@page import="com.kitchenstory.entities.User"%>

<%
        User userNavbar = (User) session.getAttribute("current-user");
%>


<nav class="navbar navbar-expand-lg navbar-light bg-primary">
        <div class="container">
                <a class="navbar-brand"
href="kitchenStoryWelcome.jsp"><b>Kitchen-Story</b></a>
                <button class="navbar-toggler" type="button" data-
toggle="collapse"
                        data-target="#navbarSupportedContent"
                        aria-controls="navbarSupportedContent" aria-
expanded="false"
                        aria-label="Toggle navigation">
                        <span class="navbar-toggler-icon"></span>
                </button>

                <div class="collapse navbar-collapse"
id="navbarSupportedContent">
                        <ul class="navbar-nav mr-auto">
                                <li class="nav-item active"><a class="nav-
link"
                                        href="index.jsp"><b>Home Page</b> <span
class="sr-only">(current)</span>
                                </a></li>

                        </ul>

                        <ul class="navbar-nav ml-auto">

                                <!-- For Add Cart Option -->
```

```html
<li class="nav-item active"><a class="nav-link" href="#!"
                 data-toggle="modal" data-target="#cart"> <i
                     class="fa fa-cart-plus"
style="font-size: 20px;"></i> <span
                         class="ml-0 cart-items">( 0
)</span>
            </a></li>

            <%
                if (userNavbar == null) {
            %>

            <li class="nav-item active"><a class="nav-link"
                 href="login.jsp"><b>Login</b></a></li>

            <li class="nav-item active"><a class="nav-link"
                 href="register.jsp"><b>Register</b>
</a></li>

            <li class="nav-item active"><a class="nav-link"
                 href="aboutUS.jsp"><b>About</b></a></li>

            <li class="nav-item active"><a class="nav-link"
    href="contactUS.jsp"><b>Query</b></a></li>

                        <!-- Search Bar Coding or search Icon
coding -->
                    <div class="search-container">
                        <form action="searchItems.jsp"
method="post">
                            <input type="text"
placeholder="Search Kitchen Items"
                                 name="searchName">
                            <button type="submit">
                                <i class="fa fa-
search"></i>
                            </button>
                        </form>
                    </div>
                    <!-- Search Bar ends here -->

            <%
```

```jsp
                            } else {
                    %>
                    <li class="nav-item active"><a class="nav-
link"

        href="<%=userNavbar.getUserType().equals("admin") ?
"admin.jsp" : "normalUser.jsp"%>">
                            <b> <%=userNavbar.getUserName()%>
                    </b>
                    </a></li>

                    <li class="nav-item active"><a class="nav-
link"
                        href="LogoutCtl"><b>Logout</b></a></li>

                    <li class="nav-item active"><a class="nav-
link"
                        href="aboutUS.jsp"><b>About</b></a></li>

                    <li class="nav-item active"><a class="nav-
link"

        href="contactUS.jsp"><b>Query</b></a></li>

                            <!-- Search Bar Coding or search Icon
coding -->

                    <div class="search-container">
                        <form action="searchItems.jsp"
method="post">
                            <input type="text"
placeholder="Search Kitchen Items"
                                name="searchName">
                            <button type="submit">
                                <i class="fa fa-
search"></i>
                            </button>
                        </form>
                    </div>
                    <!-- Search Bar ends here -->

                    <%
                        }
                    %>
                </ul>
            </div>
        </div>
</nav>

@charset "ISO-8859-1";
```

```css
.custom-bg {
    background: #673ab7 !important;
}

.admin .card {
    border: 1px solid #673ab7;
}

.admin .card:hover {
    background: #e2e2e2;
    cursor: pointer;
}

.list-group-item.active {
    background: #673ab7 !important;
    border-color: #673ab7 !important;
}

.discount-label {
    font-size: 10px !important;
    font-style: italic !important;
    /*text-decoration: line-through!important;*/
}

.product-card:hover {
    background: #e2e2e2;
    cursor: pointer;
}

/*toast*/
#toast {
    min-width: 300px;
    position: fixed;
    bottom: 30px;
    left: 50%;
    margin-left: -120px;
    background: #333;
    padding: 15px;
    color: white;
    text-align: center;
    z-index: 1;
    font-size: 18px;
    visibility: hidden;
    box-shadow: 0px 0px 100px #000;
}

#toast.display {
    visibility: visible;
    animation: fadeIn 0.5s, fadeOut 0.5s 2.5s;
}
```

```css
}

@
keyframes fadeIn {from { bottom:0;
    opacity: 0;
}

to {
    bottom: 30px;
    opacity: 1;
}


}
@
keyframes fadeOut {from { bottom:30px;
    opacity: 1;
}

to {
    bottom: 0;
    opacity: 0;
}
}

@charset "ISO-8859-1";

body {
    margin: 0;
    padding: 0;
    font-family: "open sans", sans-serif;
    background: #F4F4F4;
    background-size: cover;
    height: 100%;
}

.about-section {
    width: 70%;
    background: #fff;
    padding: 40px 0;
    margin-left: auto;
    margin-right: auto;
    margin-top: 30px;
    margin-bottom: 30px;
    box-shadow: rgba(0, 0, 0, 0.15) 0px 5px 15px 0px;
    border-radius: 30px;
    border-left: 50px solid #3CEDA7;
    border-right: 50px solid #3CEDA7;
}

.inner-width {
```

```css
        max-width: 1000px;
        overflow: hidden;
        padding: 0 20px;
        margin: auto;
}

.about-section h1 {
        text-align: center;
}

.border {
        width: 100px;
        height: 3px;
        background: #3CEDA7;
        margin: 40px auto;
}

.about-section-row {
        display: flex;
        flex-wrap: wrap;
}

.about-section-col {
        flex: 50%;
}

.about {
        padding-right: 30px;
}

.about p {
        text-align: justify;
        margin-bottom: 20px;
        color: #7E7C7A;
        font-size: 17px;
}

.about a {
        display: inline-block;
        color: #7E7C7A;
        text-decoration: none;
        border: 2px solid #3CEDA7;
        border-radius: 24px;
        padding: 8px 40px;
        transition: 0.4s linear;
}

.about a:hover {
        color: #fff;
```

```css
        background: #3CEDA7;
}

.skills {
        padding-left: 30px;
}

.skill {
        margin-bottom: 10px;
}

.title {
        color: #7E7C7A
}

.progress {
        width: 100%;
        height: 12px;
        background: #ddd;
        border-radius: 12px;
}

.progress-bar {
        height: 12px;
        background: #3CEDA7;
        border-radius: 12px;
}

.p1 {
        width: 90%;
}

.p2 {
        width: 70%;
}

.p3 {
        width: 50%;
}

.progress-bar span {
        float: right;
        margin-right: 6px;
        line-height: 13px;
        color: #fff;
        font-size: 12px;
}

@media screen and (max-width:700px) {
```

```css
    .about-section-col {
        flex: 100%;
        margin: 10px 0;
    }
    .about, .skills {
        padding: 0;
    }
    .about {
        text-align: center;
    }
}
```

```javascript
function add_to_cart(pid, pname, price) {

    let cart = localStorage.getItem("cart");

    if(cart == null){

        // no cart yet
        let products = [];
        let product = {productId: pid, productName: pname,
productQuantity: 1, productPrice: price}

        products.push(product);
        localStorage.setItem("cart", JSON.stringify(products));
        // console.log("Product is added for the first time");
        showToast("Item is added to cart")

    }else{
        // cart is already present

        let pcart = JSON.parse(cart);

        let oldProduct = pcart.find((item) => item.productId ==
pid)


        if (oldProduct) {

            // Here We have to increase the quantity only
            oldProduct.productQuantity =
oldProduct.productQuantity+1;
            pcart.map((item) => {

            if (item.productId === oldProduct.productId)
            {
```

```javascript
                    item.productQuantity =
oldProduct.productQuantity;
                }

            })

            localStorage.setItem("cart", JSON.stringify(pcart));
            console.log("Product quantity is increased");
                showToast(oldProduct.productName + " quantity is
increased , Quantity = " + oldProduct.productQuantity)

        } else {

                // Here we have to add the product
                let product = {productId: pid, productName: pname,
productQuantity: 1, productPrice: price}

                pcart.push(product);
                localStorage.setItem("cart", JSON.stringify(pcart));
                console.log("Product is added");
                showToast("Product is added to cart")

        }

    }

    updateCart();
}


// Updating Cart:

function updateCart() {

    let cartString = localStorage.getItem("cart");
    let cart = JSON.parse(cartString);

    if (cart == null || cart.length == 0)
    {
        console.log("Cart is empty !!")
        $(".cart-items").html("( 0 )");
        $(".cart-body").html("<h3>Cart Does Not Have Any Items
</h3>");
        $(".checkout-btn").attr('disabled', true)
    } else{

        // there is something in cart to show
        console.log(cart);
```

```javascript
$(".cart-items").html(`( ${cart.length} )`);
let table = `
    <table class='table'>
    <thead class='thread-light'>
        <tr>
        <th>Item Name </th>
        <th>Price </th>
        <th>Quantity </th>
        <th>TotalPrice </th>
        <th>Action</th>


        </tr>

    </thead>



    `;


let totalPrice = 0;
cart.map((item) => {


    table += `
            <tr>
                <td> ${item.productName} </td>
                <td> ${item.productPrice} </td>
                <td> ${item.productQuantity} </td>
                <td> ${item.productQuantity *
item.productPrice} </td>
                <td> <button
onclick='deleteItemFromCart(${item.productId})' class='btn btn-
danger btn-sm'>Remove</button> </td>
            </tr>
            `

    totalPrice += item.productPrice * item.productQuantity;

})



table = table + `
    <tr><td colspan='5' class='text-right font-weight-bold
m-5'> Total Price : ${totalPrice} </td></tr>
    </table>`
```

```
            $(".cart-body").html(table);
            $(".checkout-btn").attr('disabled', false)
            console.log("removed")
        }

    }

    // delete item from cart
    function deleteItemFromCart(pid)
    {
        let cart = JSON.parse(localStorage.getItem('cart'));

        let newcart = cart.filter((item) => item.productId != pid)

        localStorage.setItem('cart', JSON.stringify(newcart))

        updateCart();

        showToast("Item is removed from cart ")

    }


    $(document).ready(function () {

        updateCart()
    })


    function showToast(content) {
        $("#toast").addClass("display");
        $("#toast").html(content);
        setTimeout(() => {
            $("#toast").removeClass("display");
        }, 2000);
    }


    function goToCheckout() {

        window.location = "checkout.jsp"


    }


    <%@ page language="java" contentType="text/html; charset=ISO-8859-1"
        pageEncoding="ISO-8859-1"%>
    <!DOCTYPE html>
    <html>
```

```html
<head>
<meta charset="ISO-8859-1">
<title>About Page</title>

<%@include file="components/common_css_js.jsp"%>
<link rel="stylesheet"
      href="css/welocmePage_aboutPage_userPage_Foodbox.css">
<meta name="viewport" content="width=device-width, initial-
sclae=1.0">

</head>
<body>
      <%@include file="../components/navbar.jsp"%>
<body>
      <div class="about-section">
            <div class="inner-width">
                  <h1 style="color: #673ab7 !important">
                        <b>About Kitchen-Story Online Portal</b>
                  </h1>
                  <div class="border"></div>
                  <div class="about-section-row">
                        <div class="about-section-col">
                              <div class="about">
                                    <p>Kitchen Story is an e-commerce
portal that lets people shop
                                          basic kitchens' items on their
website.This Kitchen Story
                                          Application has a multiple
category for selecting and ordering
                                          kitchen items. Previously we
have a Offline Shop, and now, We
                                          wish to launching Our E-
commerce application with a rich and
                                          user-friendly interface.</p>
                                    <a href="kitchenStoryWelcome.jsp"
style="color: blue;">Know
                                          more about us..!!</a>
                              </div>
                        </div>
                        <div class="about-section-col">
                              <h2 style="color: blue;">Food Category on
the basis of Users'
                                    Ratings</h2>
                              <div class="skills">
                                    <div class="skill">
                                          <div class="title">Grocery
Products</div>
                                          <div class="progress">
```

```html
            <div class="progress-bar p1">
                <span>90%</span>
            </div>
        </div>
    </div>

    <div class="skill">
        <div class="title">Kitchen-Electronics</div>
        <div class="progress">
            <div class="progress-bar p2">
                <span>85%</span>
            </div>
        </div>
    </div>

    <div class="skill">
        <div class="title">Vegetables</div>
        <div class="progress">
            <div class="progress-bar p2">
                <span>79.30%</span>
            </div>
        </div>
    </div>
    <div class="skill">
        <div class="title">Plastic Storage</div>
        <div class="progress">
            <div class="progress-bar p2">
                <span>69%</span>
            </div>
        </div>
    </div>

    <div class="skill">
        <div class="title">Household Items</div>
        <div class="progress">
            <div class="progress-bar p3">
                <span>65%</span>
            </div>
        </div>
    </div>
```

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


    <!--For Accessing CheckOut Page from directly Cart only -->
    <%@include file="components/common_modals.jsp"%>

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

<%@page import="com.kitchenstory.helper.DbConnectionProvider"%>
<%@page import="java.sql.*"%>
<%@page import="java.util.Map"%>
<%@page import="com.kitchenstory.helper.Helper"%>
<%@page import="com.kitchenstory.entities.Category"%>
<%@page import="java.util.List"%>
<%@page import="com.kitchenstory.helper.FactoryProvider"%>
<%@page import="com.kitchenstory.model.CategoryDao"%>
<%@page import="com.kitchenstory.entities.User"%>
<%
    User user =  (User) session.getAttribute("current-user");
        if(user == null){

            session.setAttribute("message", "You are not logged
in !!! Please login first");
            response.sendRedirect("login.jsp");
        }else
        {
            if(user.getUserType().equals("normal")){

                session.setAttribute("message", "You are not
admin !!! Do not Access this Page...!!!");
                response.sendRedirect("login.jsp");
            }


        }


%>


<%
        CategoryDao cdao = new
CategoryDao(FactoryProvider.getFactory());
```

```jsp
            List<Category> list = cdao.getCategories();


            //Getting count for product and user by using Map
concepts

            Map<String,Long> m =
Helper.getCounts(FactoryProvider.getFactory());

%>


<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Admin Panel</title>
<%@include file="components/common_css_js.jsp"%>
</head>

<body>
    <%@include file="components/navbar.jsp"%>

    <div class="container admin">

        <div class="container-fluid mt-3">
            <%@include file="components/message.jsp"%>

        </div>


        <div class="row mt-3">

            <!-- First Column -->
            <div class="col-md-4">

                <!-- First box -->
                <div class="card bg-info">
                    <div class="card-body text-center">

                        <h1><%=m.get("userCount")%></h1>
                        <h3 class="text-uppercase text-
muted">Total Users</h3>
                    </div>

                </div>
```

```html
        </div>

        <!-- Second Column -->
        <div class="col-md-4">

            <!-- Second box -->
            <div class="card bg-info">
                <div class="card-body text-center">

                    <h1>
                        <%=list.size() %>
                    </h1>
                    <h3 class="text-uppercase text-muted">Total Categories</h3>
                </div>

            </div>

        </div>

        <!-- Third Column -->
        <div class="col-md-4">

            <!-- Third box -->
            <div class="card bg-info">
                <div class="card-body text-center">


                    <h1>
                        <%=m.get("productCount")%>
                    </h1>
                    <h3 class="text-uppercase text-muted">Total Products</h3>
                </div>

            </div>

        </div>
    </div>

    <!-- Second row for two boxes -->
    <div class="row mt-3">

        <!-- Second Row: First Column -->
        <div class="col-md-6">

            <!-- Second Row: First Column : First Box -->
```

```html
                    <div class="card bg-warning" data-
toggle="modal"
                        data-target="#add-category-modal">
                        <div class="card-body text-center">

                            <p class="mt-2">Click here to add
new Category</p>
                            <h4 class="text-uppercase text-
muted">Add Categories</h4>
                        </div>

                    </div>

                </div>
                <!-- Second Row: Second Column -->
                <div class="col-md-6">

                    <!--Second Row: Second Column: Second Box -->
                    <div class="card bg-warning" data-
toggle="modal"
                        data-target="#add-product-modal">
                        <div class="card-body text-center">

                            <p class="mt-2">Click here to add
new Product</p>
                            <h4 class="text-uppercase text-
muted">Add Product</h4>
                        </div>

                    </div>

                </div>

        </div>

        <!-- Start of Third Row to Perform Additional Operation
For the Admin -->

        <div class="row mt-3">

            <!-- First Column -->
            <div class="col-md-4">

                <!-- First box -->
                <div class="card bg-warning" data-
toggle="modal"
                    data-target="#change-adminPassword-
modal">
```

```html
                            <div class="card-body text-center">

                                <p class="mt-2">Click here for
Admin Password Change</p>
                                <h4 class="text-uppercase text-
muted">Password Change</h4>
                            </div>

                        </div>

                    </div>

                    <!-- Second Column -->
                    <div class="col-md-4">

                        <!-- Second box -->
                        <div class="card bg-warning" data-
toggle="modal"
                            data-target="#getUserList-modal">
                            <div class="card-body text-center">

                                <p class="mt-2">Click Here for
User-List and User-Search</p>
                                <h4 class="text-uppercase text-
muted">See User List</h4>
                            </div>

                        </div>

                    </div>

                    <!-- Third Column -->
                    <div class="col-md-4">

                        <!-- Third box -->
                        <div class="card bg-warning" data-
toggle="modal"
                            data-target="#purchasedReport-modal">
                            <div class="card-body text-center">


                                <p class="mt-2">Click here to see
Purchase Report</p>
                                <h4 class="text-uppercase text-
muted">Search Data</h4>
                            </div>

                        </div>
```

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


            <!-- End of Third Row to Perform Additional Operation For
the Admin -->
            <!-- Fourth row for two boxes to manage category and
Product -->
            <div class="row mt-3">

                <!-- Second Row: First Column -->
                <div class="col-md-6">

                    <!-- Second Row: First Column : First Box -->
                    <div class="card bg-secondary">
                        <div class="card-body text-center">

                            <p class="mt-2">Click here to
manage Category</p>

                            <a
href="adminCategoriesMgmt.jsp"><h4 class="text-uppercase"
                                        style="color:
black;">Categories' Management</h4></a>
                        </div>

                    </div>

                </div>
                <!-- Second Row: Second Column -->
                <div class="col-md-6">

                    <!--Second Row: Second Column: Second Box -->
                    <div class="card bg-secondary">
                        <div class="card-body text-center">

                            <p class="mt-2">Click here to
Manage Product</p>

                            <a href="adminProductMgmt.jsp">
                                <h4 class="text-uppercase"
style="color:black;">Products'

                                    Management</h4>
                            </a>
                        </div>

                    </div>

                </div>
```

```html
            </div>


            <!-- End of Fourth Row to Perform Additional Operation
For the Admin -->
            <!-- Fifth row for 1 boxes to manage Purchase Record -->
            <div class="row mt-3">

                <!-- Second Row: First Column -->
                <div class="col-md-12">

                    <!-- Second Row: First Column : First Box -->
                    <div class="card bg-secondary">
                        <div class="card-body text-center">

                            <p class="mt-2">Click here to
manage Purchase Records</p>

                            <a
href="adminPurchaseRecordsMgmt.jsp"><h4 class="text-uppercase"
                                        style="color:
black;">Purchase Record Management</h4></a>
                        </div>

                    </div>

                </div>

        </div>

        <!-- Add Category Model -->

        <!-- Modal -->
        <div class="modal fade" id="add-category-modal" tabindex="-1"
            role="dialog" aria-labelledby="exampleModalLabel" aria-
hidden="true">
            <div class="modal-dialog modal-lg" role="document">
                <div class="modal-content">
                    <div class="modal-header bg-info text-white">
                        <h5 class="modal-title"
id="exampleModalLabel">Please fill the
                                Category Details</h5>
                        <button type="button" class="close" data-
dismiss="modal"
                                aria-label="Close">
```

```html
                              <span aria-
hidden="true">&times;</span>
                        </button>
                  </div>
                  <div class="modal-body">

                        <!-- we design a form here to give our
input -->
                        <form action="ProductOperationCtl"
method="post">

                              <input type="hidden"
name="operation" value="addcategory">
                              <div class="form-group">
                                    <input type="text"
class="form-control" name="catTitle"
                                          placeholder="Please
Enter Category Title" required />

                              </div>
                              <div class="form-group">
                                    <textarea style="height:
250px;" name="catDescription"
                                          class="form-control"
                                          placeholder="Please
Enter Category Description"></textarea>

                              </div>
                              <div class="container text-center">
                                    <button class="btn btn-
info">Add Category</button>
                                          <button type="button"
class="btn btn-secondary"
                                          data-
dismiss="modal">Close</button>

                              </div>

                        </form>

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


   <!--End Category Model -->
```

```html
<!--
++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
+++++++++++++++++++++++++++++++++++ -->

<!--Product Model -->

<!-- Modal -->
<div class="modal fade" id="add-product-modal" tabindex="-1"
    role="dialog" aria-labelledby="exampleModalLabel" aria-
hidden="true">
    <div class="modal-dialog modal-lg" role="document">
        <div class="modal-content">
            <div class="modal-header bg-info text-white">
                <h5 class="modal-title"
id="exampleModalLabel">Product Details</h5>
                <button type="button" class="close" data-
dismiss="modal"
                    aria-label="Close">
                    <span aria-
hidden="true">&times;</span>
                </button>
            </div>
            <div class="modal-body">

                <!-- form -->
                <form action="ProductOperationCtl"
method="post"
                    enctype="multipart/form-data">

                    <input type="hidden"
name="operation" value="addproduct" />

                    <!-- product title -->
                    <div class="form-group">
                        <input type="text"
class="form-control"
                            placeholder="Enter title
of product" name="pName" required />
                    </div>

                    <!-- product description -->
                    <div class="form-group">
                        <textarea style="height:
150px;" class="form-control"
                            placeholder="Enter
product description" name="pDesc"></textarea>
                    </div>

                    <!-- product price -->
```

```html
<div class="form-group">
    <input type="number" class="form-control"
        placeholder="Enter price of the product" name="pPrice" required />
</div>

<!-- product discount -->
<div class="form-group">
    <input type="number" class="form-control"
        placeholder="Enter product discount" name="pDiscount" required />
</div>

<!-- product quantity -->
<div class="form-group">
    <input type="number" class="form-control"
        placeholder="Enter product Quantity" name="pQuantity" required />
</div>

<!-- product category, coming from DB -->

<!--product category-->

<div class="form-group">
    <select name="catId" class="form-control" id="">
        <%
            for (Category c : list) {
        %>
        <option value="<%=c.getCategoryId()%>">
            <%=c.getCategoryTitle()%>
        </option>
        <%
            }
        %>
    </select>
</div>
```

```html
                                            <!-- Product File [ Product Photo ]
-->
                                            <div class="form-group">
                                                    <label for="pPic">Select
Picture of Product</label> <br> <input
                                                            type="file" id="pPic"
name="pPic" required />
                                            </div>

                                            <!-- Submit Button -->
                                            <div class="container text-center">
                                                    <button class="btn btn-
info">Add Product</button>

                                            </div>


                            </form>


                            <!-- End form -->


                    </div>
                    <div class="modal-footer">
                            <button type="button" class="btn btn-
secondary"
                                            data-dismiss="modal">Close</button>
                    </div>
                </div>
            </div>
        </div>


        <!--End Product Model -->


        <!-- Add Admin Password Change Model -->

        <!-- Password Change Modal -->
        <div class="modal fade" id="change-adminPassword-modal"
tabindex="-1"
                role="dialog" aria-labelledby="exampleModalLabel" aria-
hidden="true">
                <div class="modal-dialog modal-lg" role="document">
                    <div class="modal-content">
                            <div class="modal-header bg-info text-white">
```

```html
                            <h5 class="modal-title"
id="exampleModalLabel">Please fill the
                            Details for Admin Password
Change</h5>
                            <button type="button" class="close" data-
dismiss="modal"
                            aria-label="Close">
                            <span aria-
hidden="true">&times;</span>
                            </button>
                    </div>
                    <div class="modal-body">

                            <!-- we design a form here to give our
input -->

                            <form action="UpdateAdminPasswordCtl"
method="post">

                                <div class="form-group">
                                    <label for="email"
style="color: black !important;"><b>Email-Id</b></label>
                                    <input name="admin_email"
type="email" class="form-control"
                                        id="email" aria-
describedby="emailHelp"
                                        placeholder="Enter admin
Email-Id Here to update admin's Password..!!">
                                </div>

                                <div class="form-group">
                                    <label
for="adminPasswordChange" style="color: black
!important;"><b>Password</b></label>
                                    <input
name="admin_Newpassword" type="password"
                                        class="form-control"
id="password" aria-describedby="emailHelp"
                                        placeholder="Enter
admin's new Password..!!">
                                </div>
                                <div class="container text-center">
                                    <button class="btn btn-
info">Update Password</button>

                                    <button type="button"
class="btn btn-secondary"
                                        data-
dismiss="modal">Close</button>
```

```
                                </div>

                          </form>

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


     <!-- End of Admin Password Change Model -->



     <!-- Add Getting User List Model -->

     <!-- Getting User List Modal -->
     <div class="modal fade" id="getUserList-modal" tabindex="-1"
          role="dialog" aria-labelledby="exampleModalLabel" aria-
hidden="true">
          <div class="modal-dialog modal-lg" role="document">
               <div class="modal-content">
                    <div class="modal-header bg-info text-white">
                         <h5 class="modal-title"
id="exampleModalLabel">Getting User
                                        List</h5>
```



```html
								<!-- Search Bar Coding or search Icon
coding -->
							<div class="search-container">
								<form action="searchUser.jsp"
method="post">
										<input type="text"
placeholder="SearchBy Name,No,Email"
											name="searchName">
										<button type="submit">
											<i class="fa fa-
search"></i>
										</button>
									</form>
							</div>
							<!-- Search Bar ends here -->

							<button type="button" class="close" data-
dismiss="modal"
								aria-label="Close">
								<span aria-
hidden="true">&times;</span>
							</button>
						</div>
						<div class="modal-body">

							<!-- we design a form here to give our
input -->
							<form action="#!" method="post">

								<table class="table table-bordered
table-dark">
									<thead>
										<tr>
											<th
scope="col">Id</th>
											<th
scope="col">Address</th>
											<th
scope="col">Email</th>
											<th
scope="col">Name</th>
											<th
scope="col">Password</th>
											<th
scope="col">Phone</th>
											<th
scope="col">UserType</th>
										</tr>
									</thead>
```

```jsp
                                <tbody>
                                    <%
                                        try {
                                            String search =
request.getParameter("search");

                                            Connection con =
DbConnectionProvider.getCon();

                                            Statement stmt =
con.createStatement();

                                            ResultSet rs =
stmt.executeQuery("select *from user ");

                                            while (rs.next()) {
                                    %>
                                    <tr>

            <td><%=rs.getString(1)%></td>

            <td><%=rs.getString(2)%></td>

            <td><%=rs.getString(3)%></td>

            <td><%=rs.getString(4)%></td>

            <td><%=rs.getString(5)%></td>

            <td><%=rs.getString(6)%></td>

            <td><%=rs.getString(8)%></td>

                                            </tr>

                                            <%
                                                }

                                            } catch (Exception e) {

            System.out.println(e);

                                            }
                                            %>
                                </tbody>
                            </table>
                            <div class="container text-center">
                                <button type="button"
class="btn btn-secondary"

                                    data-
dismiss="modal">Close</button>

                            </div>
```

```html
                              </form>

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


      <!-- End of Getting User List Model -->



      <!-- Add Filtered Purchase Report Model -->

      <!-- Filtered Purchase Report Modal -->
      <div class="modal fade" id="purchasedReport-modal" tabindex="-1"
            role="dialog" aria-labelledby="exampleModalLabel" aria-
      hidden="true">
            <div class="modal-dialog modal-lg" role="document">
                  <div class="modal-content">
                        <div class="modal-header bg-info text-white">
                              <h5 class="modal-title"
      id="exampleModalLabel">Purchase Report</h5>

             

             

             

             

             

             

             

             

             
                              <!-- Search Bar Coding or search Icon
      coding -->
                              <div class="search-container">
                                    <form
      action="getPurchaseReportsByCategoryOrByDate.jsp"
                                          method="post">
```

```html
                                    <input type="text"
placeholder="FilterBy Date or,Category"
                                        name="searchName">
                                    <button type="submit">
                                        <i class="fa fa-
search"></i>
                                    </button>
                                </form>
                            </div>
                            <!-- Search Bar ends here -->




                                    <button type="button" class="close" data-
dismiss="modal"
                                        aria-label="Close">
                                        <span aria-
hidden="true">&times;</span>
                                    </button>
                                </div>
                                <div class="modal-body">

                                    <!-- we design a form here to give our
input -->
                                    <form action="#!" method="post">

                                        <table class="table table-bordered
table-dark">
                                            <thead>
                                                <tr>
                                                    <th
scope="col">User</th>
                                                    <th
scope="col">Email</th>
                                                    <th
scope="col">Phone</th>
                                                    <th
scope="col">Address</th>
                                                    <th
scope="col">Date</th>
                                                    <th
scope="col">Category</th>
                                                    <th
scope="col">Status</th>
                                                    <th
scope="col">Mode</th>
```

```jsp
                                    <th
scope="col">Amount</th>
                                    <th
scope="col">Days</th>
                                </tr>
                            </thead>
                            <tbody>
                                <%
                                    try {
                                        Connection con =
DbConnectionProvider.getCon();
                                        Statement stmt =
con.createStatement();
                                        ResultSet rs =
stmt.executeQuery("select *from purchasedrecord ");
                                        while (rs.next()) {
                                %>
                                <tr>

        <td><%=rs.getString(2)%></td>

        <td><%=rs.getString(3)%></td>

        <td><%=rs.getString(4)%></td>

        <td><%=rs.getString(5)%></td>

        <td><%=rs.getString(6)%></td>

        <td><%=rs.getString(7)%></td>

        <td><%=rs.getString(8)%></td>

        <td><%=rs.getString(9)%></td>

        <td><%=rs.getString(10)%></td>

        <td><%=rs.getString(11)%></td>

                                </tr>

                                <%
                                        }
                                    } catch (Exception e) {

        System.out.println(e);

                                    }
```

```jsp
                                                  %>
                                          </tbody>
                                      </table>
                                      <div class="container text-center">
                                              <button type="button"
class="btn btn-secondary"
                                                    data-
dismiss="modal">Close</button>

                                      </div>


                              </form>

                      </div>
                  </div>
              </div>
        </div>
        <!-- End of Filtered Purchase Report Model -->




        <!--For Accessing CheckOut Page from directly Cart only -->
        <%@include file="components/common_modals.jsp"%>

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

<%
HttpSession httpSession = request.getSession();
     User user =  (User) session.getAttribute("current-user");
            if(user == null){

                    session.setAttribute("message", "You are not logged
in !!! Please login first");
                    response.sendRedirect("login.jsp");
            }else
            {
```

```jsp
				if(user.getUserType().equals("normal")){

					session.setAttribute("message", "You are not
admin !!! Do not Access this Page...!!!");
					response.sendRedirect("login.jsp");
				}


		}


%>

<%@page import="com.kitchenstory.helper.DbConnectionProvider"%>
<%@page import="java.sql.*"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
	pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>admin-CategoryManagement</title>
<%@include file="components/common_css_js.jsp"%>
</head>
<%@include file="components/navbar.jsp"%>
<body>
	<div class="row card-header bg-warning mt-3 mb-3">
		<h1 style="color: black;">
			Categories:
		</h1>
	</div>
	<div class="row">
		<%@include file="components/message.jsp"%>
		<div class="col-md-12">

			<table class="table table-bordered table-secondary">
				<thead>
					<tr>
						<th scope="col">Category-Id</th>
						<th scope="col">Category-
Description</th>
						<th scope="col">Category-Title</th>
						<th scope="col">Update Action</th>
						<th scope="col">Delete Action</th>
					</tr>
				</thead>
				<tbody>
					<%
							try {
```

```jsp
                                        //String userEmail =
request.getParameter("emailId");

        //System.out.println("coming Id for Bill Print is: " +
userEmail);

                                        Connection con =
DbConnectionProvider.getCon();

                                        Statement stmt =
con.createStatement();

                                        ResultSet rs =
stmt.executeQuery("select *from category");

                                        while (rs.next()) {
                                %>
                        <tr>

                                <td><%=rs.getString(1)%></td>
                                <td><%=rs.getString(2)%></td>
                                <td><%=rs.getString(3)%></td>
                                <td><a
href="updateCategoryAdmin.jsp?idCategory=<%=rs.getString(1)%>"><h6>U
pdate Record</h6></a></td>
                                <td><h6>Category Can't be deleted
due Foreign Key Constraint</h6></a></td>
                        </tr>

                        <%
                                }

                                } catch (Exception e) {
                                    System.out.println(e);
                                }
                                %>
                </tbody>

            </table>

        </div>
    </div>

    <!--For Accessing CheckOut Page from directly Cart only -->
    <%@include file="components/common_modals.jsp"%>

<div class="container">
    <a href="admin.jsp" class="text-right d-block mb-2">
        <h6 style="color: blue;">Go to Admin Page</h6>
    </a>
</div>
</body>
```

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


<%
    User user =  (User) session.getAttribute("current-user");
        if(user == null){

            session.setAttribute("message", "You are not logged
in !!! Please login first");
            response.sendRedirect("login.jsp");
        }else
        {
            if(user.getUserType().equals("normal")){

                session.setAttribute("message", "You are not
admin !!! Do not Access this Page...!!!");
                response.sendRedirect("login.jsp");
            }


        }


%>

<%@page import="com.kitchenstory.helper.DbConnectionProvider"%>
<%@page import="java.sql.*"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>admin-ProductManagement</title>
<%@include file="components/common_css_js.jsp"%>
</head>
<%@include file="components/navbar.jsp"%>
<body>
    <div class="row card-header bg-warning mt-3 mb-3">
        <h1 style="color: black;">
            Products Records:
        </h1>
    </div>
    <div class="row">
        <%@include file="components/message.jsp"%>
        <div class="col-md-12">

            <table class="table table-bordered table-secondary">
                <thead>
```

```jsp
                              <tr>
                                      <th scope="col">Product-Id</th>
                                      <th scope="col">Product-
Description</th>
                                      <th scope="col">Product-
Discount</th>
                                      <th scope="col">Product-Name</th>
                                      <th scope="col">Product-Price</th>
                                      <th scope="col">Product-
Quantity</th>
                                      <th scope="col">Product-
Category</th>
                                      <th scope="col">Update Action</th>
                                      <th scope="col">Delete Action</th>
                              </tr>
                      </thead>
                      <tbody>
                              <%
                                      try {

                                      //String userEmail =
request.getParameter("emailId");

    //System.out.println("coming Id for Bill Print is: " +
userEmail);
                                      Connection con =
DbConnectionProvider.getCon();

                                      Statement stmt =
con.createStatement();

                                      ResultSet rs =
stmt.executeQuery("select *from product");

                                      while (rs.next()) {
                                  %>
                              <tr>

                                      <td><%=rs.getString(1)%></td>
                                      <td><%=rs.getString(2)%></td>
                                      <td><%=rs.getString(3)%></td>
                                      <td><%=rs.getString(4)%></td>
                                      <td><%=rs.getString(6)%></td>
                                      <td><%=rs.getString(7)%></td>
                                      <td><%=rs.getString(8)%></td>
                                      <td><a
href="updateProductRecordAdmin.jsp?idProduct=<%=rs.getString(1)%>"><
h6>Update Record</h6></a></td>
                                      <td><a
href="DeleteProductCtl?idProduct=<%=rs.getString(1)%>"><h6>Delete
Record</h6></a></td>
                              </tr>
```

```jsp
                        <%
                                                    }

                                        } catch (Exception e) {
                                                System.out.println(e);
                                        }
                                    %>
                    </tbody>

                </table>

            </div>
        </div>

        <!--For Accessing CheckOut Page from directly Cart only -->
        <%@include file="components/common_modals.jsp"%>

<div class="container">
<a href="admin.jsp" class="text-right d-block mb-2">
            <h6 style="color: blue;">Go to Admin Page</h6>
        </a>
</div>
</body>
<%@include file="components/footer.jsp"%>
</html>

<%
HttpSession httpSession = request.getSession();
        User user =  (User) session.getAttribute("current-user");
            if(user == null){

                session.setAttribute("message", "You are not logged
in !!! Please login first");
                response.sendRedirect("login.jsp");
            }else
            {
                if(user.getUserType().equals("normal")){

                        session.setAttribute("message", "You are not
admin !!! Do not Access this Page...!!!");
                        response.sendRedirect("login.jsp");
                }


            }


%>
```

```jsp
<%@page import="com.kitchenstory.helper.DbConnectionProvider"%>
<%@page import="java.sql.*"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>adminPurchase-Management</title>
<%@include file="components/common_css_js.jsp"%>
</head>
<%@include file="components/navbar.jsp"%>
<body>
    <div class="row card-header bg-warning mt-3 mb-3">
        <h1 style="color: black;">
            Purchase Records:
        </h1>
    </div>
    <div class="row">
        <%@include file="components/message.jsp"%>
        <div class="col-md-12">

            <table class="table table-bordered table-secondary">
                <thead>
                    <tr>
                        <th scope="col">Name</th>
                        <th scope="col">Email</th>
                        <th scope="col">Contact</th>
                        <th scope="col">Address</th>
                        <th scope="col">Date</th>
                        <th scope="col">Category</th>
                        <th scope="col">DeliveryStatus</th>
                        <th scope="col">ModeOfPayment</th>
                        <th scope="col">Amount</th>
                        <th scope="col">Time</th>
                        <th scope="col">Update Action</th>
                        <th scope="col">Delete Action</th>
                    </tr>
                </thead>
                <tbody>
                    <%

                        try {

                            //String userEmail =
request.getParameter("emailId");

    //System.out.println("coming Id for Bill Print is: " +
userEmail);
```

```jsp
                                                Connection con =
DbConnectionProvider.getCon();

                                                Statement stmt =
con.createStatement();

                                                ResultSet rs =
stmt.executeQuery("select *from purchasedrecord ");
                                                    while (rs.next()) {
                                    %>
                            <tr>

                                    <td><%=rs.getString(2)%></td>
                                    <td><%=rs.getString(3)%></td>
                                    <td><%=rs.getString(4)%></td>
                                    <td><%=rs.getString(5)%></td>
                                    <td><%=rs.getString(6)%></td>
                                    <td><%=rs.getString(7)%></td>
                                    <td><%=rs.getString(8)%></td>
                                    <td><%=rs.getString(9)%></td>
                                    <td><%=rs.getString(10)%></td>
                                    <td><%=rs.getString(11)%></td>
                                    <td><a
href="updatePurchaseRecordAdmin.jsp?idPurchase=<%=rs.getString(1)%>"
><h6>Update Record</h6></a></td>
                                    <td><a
href="DeleteOrdersCtl?idPurchase=<%=rs.getString(1)%>"><h6>Delete
Record</h6></a></td>
                            </tr>

                            <%
                                    }

                                } catch (Exception e) {
                                    System.out.println(e);
                                }
                                %>
                        </tbody>

                </table>

        </div>
    </div>

    <!--For Accessing CheckOut Page from directly Cart only -->
    <%@include file="components/common_modals.jsp"%>

<div class="container">
<a href="admin.jsp" class="text-right d-block mb-2">
        <h6 style="color: blue;">Go to Admin Page</h6>
</a>
</div>
```

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


<%
    User user = (User) session.getAttribute("current-user");
System.out.println("User Session is :" + user);
if (user == null) {

    session.setAttribute("message", "You are not logged in !!
Login first to access Checkout page");
    response.sendRedirect("login.jsp");
    return;

}
%>

<%@page import="com.kitchenstory.helper.DbConnectionProvider"%>
<%@page import="java.sql.*"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Bill Page</title>
<%@include file="components/common_css_js.jsp"%>
</head>
<%@include file="components/navbar.jsp"%>
<body>
    <div class="card-header bg-secondary text-white mt-3 mb-3">
        <h1 style="color: black;">
            <b>Order Details Are:</b>
        </h1>
    </div>
    <form action="" method="">

        <div class="row">
            <%@include file="components/message.jsp"%>
            <div class="col-md-12">

                <div class="card mt-3 mb-3">


                    <table class="table table-bordered">
                        <thead>
                            <tr>
```

```jsp
                                                    <th
scope="col">Name</th>
                                                    <th
scope="col">Email</th>
                                                    <th
scope="col">Contact</th>
                                                    <th
scope="col">ShippingAddress</th>
                                                    <th
scope="col">PurchaseDate</th>
                                                    <th
scope="col">PurchaseCategory</th>
                                                    <th
scope="col">DeliveryStatus</th>
                                                    <th
scope="col">ModeOfPayment</th>
                                                    <th
scope="col">TotalAmount</th>
                                                    <th
scope="col">Time</th>
                                            </tr>
                                        </thead>
                                        <tbody>
                                            <%
                                            try {

                                            String userEmail =
request.getParameter("emailId");

    System.out.println("coming Id for Bill Print is: " +
userEmail);
                                            Connection con =
DbConnectionProvider.getCon();
                                            Statement stmt =
con.createStatement();
                                            ResultSet rs =
stmt.executeQuery("select *from purchasedrecord where
purchase_UserEmail = '" + userEmail + "'");
                                            while (rs.next()) {
                                            %>
                                            <tr>


        <td><%=rs.getString(2)%></td>

        <td><%=rs.getString(3)%></td>

        <td><%=rs.getString(4)%></td>
```

```jsp
<td><%=rs.getString(5)%></td>

<td><%=rs.getString(6)%></td>

<td><%=rs.getString(7)%></td>

<td><%=rs.getString(8)%></td>

<td><%=rs.getString(9)%></td>

<td><%=rs.getString(10)%></td>

<td><%=rs.getString(11)%></td>
                                    </tr>

                                    <%
                                        }

                                } catch (Exception e) {
                                    System.out.println(e);
                                }
                                %>
                            </tbody>

                        </table>

                        <div class="container text-center card-header bg-info">
                                <a href="payBill.jsp?emailId=<%=user.getUserEmail()%>"><h5
                                            style="color: black">Pay
Yours' Order Bill</h5></a>

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

            </div>
    </form>


    <!--For Accessing CheckOut Page from directly Cart only -->
    <%@include file="components/common_modals.jsp"%>


</body>
```

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


<%
    User user = (User) session.getAttribute("current-user");
if (user == null) {

    session.setAttribute("message", "You are not logged in !!
Login first to access Checkout page");
    response.sendRedirect("login.jsp");
    return;

}
%>


<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
<title>Checkout Page</title>
<%@include file="components/common_css_js.jsp"%>

</head>
<body>
    <%@include file="components/navbar.jsp"%>

    <div class="container">
        <%@include file="components/message.jsp"%>
        <div class="row mt-5">

            <div class="col-md-6">
                <!--card-->
                <div class="card">
                    <div class="card-body">

                        <h3 class="text-center mb-5"
style="color: blue;">Your
                            Selected Items</h3>

                        <div class="cart-body"></div>
                    </div>
                </div>

            </div>
            <div class="col-md-6">
                <!--form details-->
                <!--card-->
```

```html
<div class="card">
    <div class="card-body">

        <h3 class="text-center mb-5 " style="color: blue;">Your
            Details For Order</h3>

        <form action="CheckoutOrderedCtl" method="post">
            <div class="form-group">
                <label for="exampleInputEmail1"><b>Email Address</b></label> <input
                    name="userEmail" value="<%=user.getUserEmail()%>" type="email"
                    class="form-control" id="exampleInputEmail1"
                    aria-describedby="emailHelp" placeholder="Enter email">
                <small id="emailHelp" class="form-text text-muted">We'll
                    never share your email with anyone else.</small>
            </div>
            <div class="form-group">
                <label for="name"><b>Your Name</b></label> <input
                    name="userName" value="<%=user.getUserName()%>" type="text"
                    class="form-control" id="name" aria-describedby="emailHelp"
                    placeholder="Enter name">
            </div>


            <div class="form-group">
                <label for="name"><b>Your Contact</b></label> <input
                    name="userPhone" value="<%=user.getUserPhone()%>" type="text"
                    class="form-control" id="name" aria-describedby="emailHelp"
                    placeholder="Enter contact number">
            </div>

            <div class="form-group">
                <label for="name"><b>Purchase Date</b></label> <input
```

```html
                                               name="purchaseDate"
type="date" class="form-control" id="name"
                                               aria-
describedby="emailHelp" placeholder="Enter purchase Date"
                                               required>
                                        </div>

                                        <div class="form-group">
                                               <label
for="Category"><b>Select Food Category for
      Delivery...!!</b></label><br> <select name="purchaseCategory"
                                               required>
                                               <option
selected>Kitchens' Category is</option>
                                               <option
value="plasticStorage">Plastic-Storage</option>
                                               <option
value="householdItems">Household-Items</option>
                                               <option
value="groceryProducts">Grocery-Products</option>
                                               <option
value="vegetables">Vegetables</option>
                                               <option
value="kitchenElectronics">Kitchen-Electronics</option>
                                               </select>
                                        </div>

                                        <div class="form-group">
                                               <label
for="paymentMode"><b>Only Payment Mode is</b></label><br>
                                               <select
name="paymentMode" required>
                                               <option
value="cardPayment">Credit Card or Debit Card</option>
                                               </select>
                                        </div>

                                        <div class="form-group">
                                               <label
for="name"><b>Purchase Total Amount</b></label> <input
                                               name="totalAmount"
value="totalAmount" type="number"
                                               class="form-
control" id="name" aria-describedby="emailHelp"
```

```html
                                                           placeholder="Enter
Total Amount of Purchase" required>
                                             </div>


                                      <div class="form-group">
                                          <label
for="exampleFormControlTextarea1"><b>Your
                                                      Shipping
Address</b></label>
                                          <textarea
name="shippingAddress" value="shippingAddress"
                                                      class="form-
control" id="exampleFormControlTextarea1"
                                                      placeholder="Enter
your address" rows="3" required></textarea>
                                             </div>


                                      <div class="container text-
center">


                                          <button class="btn btn-
info">Order Now</button>
                                          <!-- <button class="btn
btn-outline-primary">Continue Shopping With US</button> -->
                                          <div class="container
text-center mt-3">
                                                <a
href="kitchenStoryWelcome.jsp"
                                                      class="text-
center d-block mb-2"><h5 style="color: blue;">Explore
                                                      our
Kitchen Items' Galary</h5> </a>
                                             </div>
                                      </div>

                          </form>

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

      </div>

      <%@include file="components/common_modals.jsp"%>
</body>
<%@include file="components/footer.jsp"%>
```

```jsp
</html>

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Contact Page</title>
<%@include file="components/common_css_js.jsp"%>
</head>
<body>
    <%@include file="components/navbar.jsp"%>
    <div class="container-fluid">
        <div class="row mt-5">
            <div class="col-md-4 offset-md-4">

                <div class="card">

                    <%@include
file="components/message.jsp"%>
                        <div class="card-body px-5">

                            <div class="card-header bg-warning
text-white mt-3 mb-3">
                                <h1>Send-Query to US</h1>
                            </div>
                            <form action="ContactUserCtl"
method="post">
                                <div class="form-group">
                                    <label for="name"
style="color: black;"><b>Name</b></label> <input
                                        name="user_name"
type="text" class="form-control" id="name"
                                        aria-
describedby="emailHelp"
                                        placeholder="Enter
Your Name Here..!!">
                                </div>

                                <div class="form-group">
                                    <label for="email"
style="color: black;"><b>Email-ID</b></label>
                                    <input name="user_email"
type="email" class="form-control"
                                        id="email" aria-
describedby="emailHelp"
```

```html
                                                placeholder="Enter
Your Email-ID Here..!!">
                                            </div>

                                            <div class="form-group">
                                                <label for="phone"
style="color: black;"><b>Phone
    Number</b></label> <input name="user_phone" type="number"
                                                    class="form-
control" id="phone" aria-describedby="emailHelp"
                                                    placeholder="Enter
Your Phone Number Here..!!">
                                            </div>


                                            <div class="form-group">
                                                <label for="subject"
style="color: black;"><b>Subject</b></label>
                                                    <input
name="subjectOfQuery" type="text" class="form-control"
                                                        id="subjectOfQuery"
aria-describedby="emailHelp"
                                                    placeholder="Enter
Your Subject Related to Your Query Here..!!">
                                            </div>

                                            <div class="form-group">
                                                <label for="yourProblem"
style="color: black;"><b>Your
    Thoughts</b></label>
                                                    <textarea
name="yourProblem" style="height: 150px;"
                                                        class="form-
control"
                                                        placeholder="Enter
Your Statement for Query Here...!!"></textarea>
                                            </div>

                                            <div class="container text-
center">
                                                <button class="btn btn-
info">Please submit your
    issues...!!</button>
                                                <a href="Login.jsp"
class="text-right d-block mb-2">
```

```
                                               <h6 style="color:
blue;">Login Page</h6>
                                        </a>
                                </div>


                        </form>

                </div>

            </div>
        </div>
    </div>
    <!--For Accessing CheckOut Page from directly Cart only -->
    <%@include file="components/common_modals.jsp"%>

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

<%@page import="com.kitchenstory.helper.DbConnectionProvider"%>
<%@page import="java.sql.*"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Purchase Report</title>
<%@include file="components/common_css_js.jsp"%>
</head>
<body>
    <%@include file="components/navbar.jsp"%>

    <div class="row text-center">
        <div class="col-md-11">

            <div class="card mt-3">
                <%@include file="components/message.jsp"%>


                <table class="table table-bordered">
                    <thead>
                        <tr>
                            <th
scope="col">PurchaseId</th>
                            <th scope="col">User</th>
                            <th scope="col">Email</th>
                            <th scope="col">Phone</th>
```

```jsp
                                                <th scope="col">Address</th>
                                                <th scope="col">Date</th>
                                                <th scope="col">Category</th>
                                                <th scope="col">Status</th>
                                                <th scope="col">Mode</th>
                                                <th scope="col">Amount</th>
                                                <th scope="col">Days</th>
                                        </tr>
                                </thead>
                                <tbody>

                                <%
                                        HttpSession httpSession =
request.getSession();
                                        int z = 0;
                                        try {
                                                String search =
request.getParameter("searchName");

                                                Connection con =
DbConnectionProvider.getCon();

                                                Statement stmt =
con.createStatement();

                                                ResultSet rs =
stmt.executeQuery("select *from purchasedrecord where purchase_Date
like '%" + search
                                                        + "%' or purchase_Category
like '%" + search + "%'");

                                                while (rs.next()) {
                                                        z = 1;
                                %>

                                <tr>
                                        <td class="table-
info"><%=rs.getString(1)%></td>
                                        <td class="table-
info"><%=rs.getString(2)%></td>
                                        <td class="table-
info"><%=rs.getString(3)%></td>
                                        <td class="table-
info"><%=rs.getString(4)%></td>
                                        <td class="table-
info"><%=rs.getString(5)%></td>
                                        <td class="table-
info"><%=rs.getString(6)%></td>
                                        <td class="table-
info"><%=rs.getString(7)%></td>
```

```jsp
                                        <td class="table-
info"><%=rs.getString(8)%></td>
                                        <td class="table-
info"><%=rs.getString(9)%></td>
                                        <td class="table-
info"><%=rs.getString(10)%></td>
                                        <td class="table-
info"><%=rs.getString(11)%></td>
                                    </tr>

                                    <%
                                        }

                                    } catch (Exception e) {
                                        System.out.println(e);
                                    }
                                    %>

                            </tbody>
                        </table>

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


        <%
            if (z == 0) {
            httpSession.setAttribute("message", "Searched Purchase
Report does not exist...Please try Again...!!!");
            response.sendRedirect("admin.jsp");
            return;
        }
        %>
        <a href="admin.jsp" class="text-center d-block mb-2"><b>
                Admin-Home</b></a>
        <!--For Accessing CheckOut Page from directly Cart only -->
        <%@include file="components/common_modals.jsp"%>

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

<%@page import="com.kitchenstory.helper.Helper"%>
<%@page import="com.kitchenstory.entities.Category"%>
<%@page import="com.kitchenstory.model.CategoryDao"%>
<%@page import="com.kitchenstory.entities.Product"%>
<%@page import="java.util.List"%>
<%@page import="com.kitchenstory.model.ProductDao"%>
<%@page import="com.kitchenstory.helper.FactoryProvider"%>
```

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Kitchen-Story Home-Page</title>
<%@include file="components/common_css_js.jsp"%>

</head>
<body>

    <%@include file="components/navbar.jsp"%>
<%@include file="components/message.jsp"%>
    <!-- For Showing Complete data into center  -->
    <div class="container-fluid">

        <div class="row mt-3 mx-2">

            <%
                String cat = request.getParameter("category");
            //out.println(cat);

            ProductDao dao = new
ProductDao(FactoryProvider.getFactory());
            List<Product> list = null;

            if (cat == null || cat.trim().equals("all")) {
                list = dao.getAllProducts();

            } else {

                int cid = Integer.parseInt(cat.trim());
                list = dao.getAllProductsById(cid);

            }

            CategoryDao cdao = new
CategoryDao(FactoryProvider.getFactory());
            List<Category> clist = cdao.getCategories();
            %>

            <!-- Show Categories  -->
            <div class="col-md-2">

                <div class="list-group mt-4">

                    <a href="index.jsp?category=all"
```

```jsp
                                  class="list-group-item list-group-
item-action active"> All

                                  Products </a>


                        <%
                                  for (Category c : clist) {
                        %>

                        <a
href="index.jsp?category=<%=c.getCategoryId()%>"
                                  class="list-group-item list-group-
item-action"><h6
                                          style="color:
#01579b"><%=c.getCategoryTitle()%></h6></a>

                        <%
                                  }
                        %>

              </div>

          </div>

          <!-- Show Products  -->
          <div class="col-md-10">
                  <!-- Row -->

                  <div class="row mt-4">

                          <!-- Column:12 for Product -->
                          <div class="col-md-12">

                                  <div class="card-columns">

                                          <!-- Traversing Products -->
                                          <%
                                              for (Product p : list) {
                                          %>

                                          <!-- Product Card -->
                                          <div class="card product-
card">

                                                  <div class="container
text-center">

                                                          <img
src="image/products/<%=p.getpPhoto()%>"
```

```
                                                        style="max-
height: 200px; max-width: 100%; width: auto;"
                                                        class="card-
img-top m-2">

                                        </div>

                                        <div class="card-body">
                                            <h5 class="card-
title"><%=p.getpName()%></h5>
                                            <p class="card-
text">
                                                <!--
p.getpDesc()c() %> -->

        <%=Helper.get10Words(p.getpDesc())%>
                                            </p>
                                        </div>

                                        <div class="card-footer
text-center">
                                            <button class="btn
bg-info text-white"

        onclick="add_to_cart(<%=p.getpId()%> , '<%=p.getpName()%>',
<%=p.getPriceAfterApplyingDiscount()%>)">Add
                                                to
Cart</button>
                                            <button class="btn
btn-outline-success">

        &#8377;<%=p.getPriceAfterApplyingDiscount()%>/- <span

        class="text-secondary discount-label">&#8377;
<%=p.getpPrice()%>
                                                                  ,
<%=p.getpDiscount()%>% off

                                                </span>
                                            </button>

                                        </div>
                                    </div>

                                    <%
                                        }
                                    if (list.size() == 0) {
```

```jsp
                                                out.println("<h3>No
items available for this category</h3>");
                                            }
                                        %>


                        </div>

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

        </div>
    </div>

    <%@include file="components/common_modals.jsp"%>

</body>

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

<%@page import="com.kitchenstory.entities.User"%>
<%
    User user = (User) session.getAttribute("current-user");
System.out.println("User Session is :" + user);
if (user == null) {

    session.setAttribute("message", "You are not logged in !!
Login first to access Checkout page");
    response.sendRedirect("login.jsp");
    return;

}
%>

<%@page import="com.kitchenstory.helper.DbConnectionProvider"%>
<%@page import="java.sql.*"%>

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Invoice Page</title>
<%@include file="components/common_css_js.jsp"%>
```

```jsp
<link rel="stylesheet"
      href="css/welocmePage_aboutPage_userPage_Foodbox.css">

</head>
<%@include file="components/navbar.jsp"%>
<body>
      <div class="about-section">
            <div class="inner-width">
                  <%@include file="components/message.jsp"%>
                  <h1 style="color: black !important">
                        <b>Payment Page</b>
                  </h1>
                  <div class="border"></div>
                  <div class="about-section-row">
                        <div class="about-section-col">
                              <div class="about">
                                    <p>
                                          <b><h1 style="color:
blue;">Your Payment Got successful</h1></b>
                                    </p>


                                    <a href="index.jsp" style="color:
blue;"><b>For

                                                Kitchen-Story Galary

Please visit here...!!</b></a>
                              </div>
                        </div>
                  </div>
            </div>
      </div>

      <!--For Accessing CheckOut Page from directly Cart only -->
      <%@include file="components/common_modals.jsp"%>
</body>

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

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
      pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Welcome Page</title>

<%@include file="components/common_css_js.jsp"%>
<link rel="stylesheet"
      href="css/welocmePage_aboutPage_userPage_Foodbox.css">
```

```html
<meta name="viewport" content="width=device-width, initial-sclae=1.0">

</head>
<body>
     <%@include file="components/navbar.jsp"%>
<body>
     <div class="about-section">
          <div class="inner-width">
               <h1 style="color: black !important">
                    <b>Welcome to Kitchen-Story Online Portal</b>
               </h1>
               <div class="border"></div>
               <div class="about-section-row">
                    <div class="about-section-col">
                         <div class="about">
                              <p>Kitchen Story is an e-commerce
portal that lets people shop
                                   basic Kitchens' items on their

website.This Kitchen Story
                                   Application has a multiple

category for selecting and ordering
                                   kitchen items. Previously we

have a Offline Shop, and now, We
                                   wish to launching Our E-

commerce application with a rich and
                                   user-friendly interface.</p>
                              <a href="index.jsp" style="color:
blue;"><b>For online
                                   Delivery of Kitchen

items Please visit here...!!</b></a>
                         </div>
                    </div>
               </div>
          </div>
     </div>



     <!--For Accessing CheckOut Page from directly Cart only -->
     <%@include file="components/common_modals.jsp"%>

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

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
     pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
```

```html
<head>
<meta charset="ISO-8859-1">
<title>User Login</title>
<%@include file="components/common_css_js.jsp"%>
</head>
<body>
    <%@include file="components/navbar.jsp"%>
    <div class="container">

        <div class="row">
            <div class="col-md-6 offset-md-4">

                <div class="card mt-3">
                    <div class="card-header bg-warning text-white">
                        <%@ include file="components/message.jsp"%>
                            <h1>Login Here :</h1>
                    </div>

                    <div class="card-body">


                        <form action="LoginCtl" method="post">
                            <div class="form-group">
                                <label for="exampleInputEmail1">Email address</label> <input
                                    name="email" type="email" class="form-control"
                                    id="exampleInputEmail1" aria-describedby="emailHelp"
                                    placeholder="Enter email"> <small id="emailHelp"
                                    class="form-text text-muted">We'll never share your
                                    email with anyone else.</small>
                            </div>
                            <div class="form-group">
                                <label for="exampleInputPassword1">Password</label> <input
                                    name="password" type="password" class="form-control"
                                    id="exampleInputPassword1" placeholder="Password">
                            </div>
```

```jsp
                                                <a href="register.jsp"
class="text-center d-block mb-2">New
                                                    User..!! Please Click
Here</a>


                                                <div class="container text-
center">
                                                    <button type="submit"
class="btn btn-primary bg-info border-0">Submit</button>
                                                    <button type="reset"
class="btn btn-primary bg-info border-0">Reset</button>
                                                </div>
                                            </form>
                                        </div>

                                    </div>

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


        <!--For Accessing CheckOut Page from directly Cart only -->
        <%@include file="components/common_modals.jsp"%>

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

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Foodbox-WelcomePage</title>

<%@include file="components/common_css_js.jsp"%>
<link rel="stylesheet"
    href="css/welocmePage_aboutPage_userPage_Foodbox.css">
<meta name="viewport" content="width=device-width, initial-
sclae=1.0">

</head>
<body>
    <%@include file="components/navbar.jsp"%>
<body>
    <div class="about-section">
    <%@include file="components/message.jsp"%>
```

```html
<div class="inner-width">
    <h1 style="color: #ff4081 !important">
        <b>Welcome to Your Cart Portal</b>
    </h1>
    <div class="border"></div>
    <div class="about-section-row">
        <div class="about-section-col">
            <div class="about">
                <p>Kitchen Story is an e-commerce portal that lets people shop
                basic Kitchens' items on their
                website.This Kitchen Story
                Application has a multiple
                category for selecting and ordering
                kitchen items. Previously we
                have a Offline Shop, and now, We
                wish to launching Our E-
                commerce application with a rich and
                user-friendly interface.</p>
                <a href="index.jsp" style="color:
blue;"><b>To Shop with
                US Please click
here</b></a><br>
            </div>
        </div>

        <div class="about-section-col">
            <div class="about-section-col">
                <div class="about">

<form action="yourOrderBill.jsp" method="post">
  <div class="form-group">
    <label for="exampleInputEmail1">Email Address used for
ordered</label>
    <input type="email" name="orderedEmail" class="form-control"
id="ordered-Email" aria-describedby="emailHelp" placeholder="Enter
email which used for Placing your Order">
  </div>
  <button type="submit" class="btn btn-info">To see
                your Active order
bill Please Click Here</button>
</form>

                </div>

            </div>
```

```html
                    <div class="about-section-col">

                            <div class="about-section-col mt-5">
                                <div class="about">

                                    <a href="#"
style="color:blue;"><b>Now goto Cart to
                                            place the
Order</b></a>
                                </div>
                            </div>
                        </div>

                    </div>


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



        <!--For Accessing CheckOut Page from directly Cart only -->
        <%@include file="components/common_modals.jsp"%>

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


<%
    User user = (User) session.getAttribute("current-user");
System.out.println("User Session is :" + user);
if (user == null) {

    session.setAttribute("message", "You are not logged in !!
Login first to access Checkout page");
    response.sendRedirect("login.jsp");
    return;

}
%>

<%@page import="com.kitchenstory.helper.DbConnectionProvider"%>
<%@page import="java.sql.*"%>

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
```

```html
<head>
<meta charset="ISO-8859-1">
<title>Bill Payment</title>
<%@include file="components/common_css_js.jsp"%>

</head>
<%@include file="components/navbar.jsp"%>


<body>
     <div class="container-fluid">
          <div class="row mt-5">
               <div class="col-md-4 offset-md-4">

                    <div class="card">

                         <%@include
file="components/message.jsp"%>
                         <div class="card-body px--5">
                              <div class="card-header bg-warning
text-white mt-3 mb-3">

                                   <h4>Make Payment</h4>
                              </div>
                              <form name="payBill" method="get"
action="invoiceDetail.jsp">


                                   <div class="form-group">
                                        <label for="phone"
style="color: black !important;"><b>Card

     Number:</b></label> <input name="user_Card" type="number"
                                                  class="form-
control" id="cardNumber"

                                                  aria-
describedby="cardHelp"

                                                  placeholder="Enter
your Card Number Here..!!" required>
                                   </div>

                                   <div class="form-group">
                                        <label
for="expiryDate"><b>Expiry Date of Card:</b></label> <br>
                                             <input type="date"
id="expiryDate" name="expiryDate" required>
                                   </div>
                                   <div class="form-group">
                                        <label for="phone"
style="color: black !important;"><b>CVV
```

```html
     Number:</b></label> <input name="CVV" type="password"
class="form-control"
                                             id="CVVNumber"
aria-describedby="CVVHelp"
                                             placeholder="Enter
your CVV Number Here..!!" required>
                              </div>


                                 <div class="form-group">
                                     <label for="name"
style="color: black !important;"><b>Card
                                       Holder
Name:</b></label> <br> <input name="user_name" type="text"
                                         value=""
class="form-control" id="name"
                                         aria-
describedby="nameHelp"
                                         placeholder="Enter
Card Holder Name Here..!!">
                              </div>

                              <%
                                  try {
                                  String userEmail =
request.getParameter("emailId");

                                  String processing =
"Processing";

     System.out.println("coming Id for Bill Print is: " +
userEmail);
                                      Connection con =
DbConnectionProvider.getCon();

                                      Statement stmt =
con.createStatement();

                                      ResultSet rs =
stmt.executeQuery("select SUM(purchase_TotalAmount) from
purchasedrecord where purchase_UserEmail = '" + userEmail + "' AND
purchase_DeliveryStatus = '" + processing + "'");
                                      String
CountTotalAmount="";

                                      while (rs.next()) {
                                          CountTotalAmount =
rs.getString(1);

     System.out.println(CountTotalAmount);
                                      }
                              %>
```

```html
                                        <div class="form-group">
                                            <label for="phone"
style="color: black !important;"><b>Amount
                                                           to be
Paid:</b> </label> <input name="amount" type="number"

    value="<%=CountTotalAmount%>" class="form-control" id="amount"
                                                 aria-
describedby="amountHelp" required>
                                        </div>


                                        <%

                                        } catch (Exception e) {
                                            System.out.println(e);
                                        }
                                        %>



                                        <div class="container text-
center">
                                            <input type="submit"
name="makePayment" value="Make Payment">
                                        </div>


                        </form>

                    </div>

                </div>
            </div>
        </div>
    </div>
    <!--For Accessing CheckOut Page from directly Cart only -->
    <%@include file="components/common_modals.jsp"%>
</body>

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

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>New User</title>
```

```jsp
<%@include file="components/common_css_js.jsp"%>
</head>
<body>
    <%@include file="components/navbar.jsp"%>
    <div class="container-fluid">
        <div class="row mt-5">
            <div class="col-md-4 offset-md-4">

                <div class="card">

                    <%@include
file="components/message.jsp"%>
                    <div class="card-body px--5">

                        <div class="card-header bg-warning
text-white mt-3 mb-3">
                            <h1>Register Here...!!</h1>
                        </div>
                        <form action="RegisterCtl"
method="post">
                            <div class="form-group">
                                <label for="name"
style="color: black !important;"><b>User

    Name</b></label> <input name="user_name" type="text"
class="form-control"

                                    id="name" aria-
describedby="emailHelp"

                                    placeholder="Enter
User Name Here..!!">
                            </div>

                            <div class="form-group">
                                <label for="email"
style="color: black !important;"><b>User

                                    Email-
Id</b></label> <input name="user_email" type="email"
                                    class="form-
control" id="email" aria-describedby="emailHelp"

                                    placeholder="Enter
your Email-ID Here..!!">
                            </div>

                            <div class="form-group">
                                <label for="password"
style="color: black !important;"><b>User

    Password</b></label> <input name="user_password"
type="password"
```

```html
                                                class="form-
control" id="password" aria-describedby="emailHelp"
                                                placeholder="Enter
your Password Here..!!">
                                        </div>

                                        <div class="form-group">
                                                <label for="phone"
style="color: black !important;"><b>User

    Phone</b></label> <input name="user_phone" type="number"
                                                class="form-
control" id="phone" aria-describedby="emailHelp"
                                                placeholder="Enter
your Phone Number Here..!!">
                                        </div>

                                        <div class="form-group">
                                                <label for="phone"
style="color: black !important;"><b>User

    Address</b></label>
                                                <textarea
name="user_address" style="height: 150px;"
                                                class="form-
control" placeholder="Enter Your Address Here...!!"></textarea>
                                        </div>

                                        <div class="container text-
center">
                                                <button class="btn btn-
info">Register Here</button>
                                                <a href="Login.jsp"
class="text-right d-block mb-2">
                                                        <h6 style="color:
blue;">Login Page</h6>
                                                </a>
                                        </div>


                                </form>

                        </div>

                </div>
            </div>
        </div>
        <!--For Accessing CheckOut Page from directly Cart only -->
```

```jsp
        <%@include file="components/common_modals.jsp"%>

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

<%@page import="com.kitchenstory.helper.Helper"%>
<%@page import="com.kitchenstory.helper.DbConnectionProvider"%>
<%@page import="java.sql.*"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Searched Item</title>
<%@include file="components/common_css_js.jsp"%>
</head>
<body>
        <%@include file="components/navbar.jsp"%>

        <!-- Show Products  -->
        <div class="col-md-10">
            <!-- Row -->
            <%@include file="components/message.jsp"%>
            <div class="row mt-4">

                <!-- Column:12 for Product -->
                <div class="col-md-12">

                    <div class="card-columns">

                        <!-- Searching inside Products -->
                        <%
                            HttpSession httpSession =
request.getSession();
                            int z = 0;
                            try {
                                String search =
request.getParameter("searchName");
                                Connection con =
DbConnectionProvider.getCon();

                                Statement stmt =
con.createStatement();

                                ResultSet rs = stmt.executeQuery(
                                "select *from product where pName
like '%" + search + "%' or pDesc like '%" + search + "%'  ");
                                while (rs.next()) {
                                    z = 1;
                        %>
```

```
<!-- Product Card -->
<div class="card product-card">

    <div class="container text-center">

        <img
src="image/products/<%=rs.getString(5)%>"
                        style="max-height:
200px; max-width: 100%; width: auto;"
                        class="card-img-top m-
2">

    </div>

    <div class="card-body">
            <h5 class="card-
title"><%=rs.getString(4)%></h5>

            <p class="card-text">
                <!--p.getpDesc()c() %> -
->

    <%=Helper.get10Words(rs.getString(2))%>
                </p>
    </div>

    <div class="card-footer text-
center">

            <button class="btn bg-info
text-white"

    onclick="add_to_cart(<%=rs.getString(1)%> ,
'<%=rs.getString(4)%>', <%=rs.getString(3)%>)">Add
                    to Cart</button>
            <button class="btn btn-
outline-success">

    &#8377;<%=rs.getString(3)%>/- <span
                            class="text-
secondary discount-label">&#8377; <%=rs.getString(6)%>
                            ,
<%=rs.getString(3)%>% off
                </span>
            </button>

        </div>
    </div>

    <%
```

```jsp
                    }

                } catch (Exception e) {
                    System.out.println(e);
                }
                %>


            </div>


        </div>

    </div>
</div>

<%
    if (z == 0) {
    httpSession.setAttribute("message", "Searched Item's Data
does not exist...Please try Again...!!! ");
    response.sendRedirect("index.jsp");
    return;
}
%>

    <%@include file="components/common_modals.jsp"%>

</body>

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

<%@page import="com.kitchenstory.helper.DbConnectionProvider"%>
<%@page import="java.sql.*"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Search User</title>
<%@include file="components/common_css_js.jsp"%>
</head>
<body>
    <%@include file="components/navbar.jsp"%>

    <div class="row">
        <div class="col-md-6 offset-md-4">

            <div class="card mt-3">
```

```jsp
<%@include file="components/message.jsp"%>

<table class="table table-bordered">
    <thead>
        <tr class="table-info">
            <th scope="col">Id</th>
            <th scope="col">Address</th>
            <th scope="col">Email</th>
            <th scope="col">Name</th>
            <th scope="col">Password</th>
            <th scope="col">Phone</th>
            <th scope="col">UserType</th>
        </tr>
    </thead>
    <tbody>

        <%
            HttpSession httpSession = request.getSession();
            int z = 0;
            try {
                String search = request.getParameter("searchName");
                Connection con = DbConnectionProvider.getCon();
                Statement stmt = con.createStatement();
                ResultSet rs = stmt.executeQuery("select *from user where user_name like '%" + search + "%' or user_email like '%" + search + "%' or user_phone like '%" + search + "%' ");
                while (rs.next()) {
                    z = 1;
        %>

        <tr>
            <th class="table-success" scope="row"><%=rs.getString(1)%></th>
            <td class="table-success"><%=rs.getString(2)%></td>
            <td class="table-success"><%=rs.getString(3)%></td>
            <td class="table-success"><%=rs.getString(4)%></td>
```

```jsp
                                        <td class="table-
success"><%=rs.getString(5)%></td>
                                        <td class="table-
success"><%=rs.getString(6)%></td>
                                        <td class="table-
success"><%=rs.getString(8)%></td>
                                    </tr>

                                    <%
                                        }

                                    } catch (Exception e) {
                                        System.out.println(e);
                                    }
                                    %>

                            </tbody>
                        </table>

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


        <%
            if (z == 0) {
            httpSession.setAttribute("message", "Searched User Data
does not exist...Please try Again...!!!");
                response.sendRedirect("admin.jsp");
                return;
            }
        %>
        <a href="admin.jsp" class="text-center d-block mb-2"><b> Admin
                Panel</b></a>
        <!--For Accessing CheckOut Page from directly Cart only -->
        <%@include file="components/common_modals.jsp"%>

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


<%
    User user =  (User) session.getAttribute("current-user");
        if(user == null){

                session.setAttribute("message", "You are not logged
in !!! Please login first");
                response.sendRedirect("login.jsp");
        }else
```

```jsp
			{
				if(user.getUserType().equals("normal")){

					session.setAttribute("message", "You are not
admin !!! Do not Access this Page...!!!");
					response.sendRedirect("login.jsp");
				}


			}


%>

<%@page import="com.kitchenstory.helper.DbConnectionProvider"%>
<%@page import="java.sql.*"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
	pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>UpdateCategory-Admin</title>
<%@include file="components/common_css_js.jsp"%>
</head>
<%@include file="components/navbar.jsp"%>
<body>
	<div class="container">

		<div class="row">
			<div class="col-md-6 offset-md-4">

				<div class="card mt-3">
					<div class="card-header bg-warning text-
white">
						<%@ include
file="components/message.jsp"%>
						<h1>Update Category-Details</h1>
					</div>

					<div class="card-body">


						<%
							String idCategory =
request.getParameter("idCategory");
							try {
```

```jsp
                                        Connection con =
DbConnectionProvider.getCon();

                                        Statement stmt =
con.createStatement();

                                        ResultSet rs =
stmt.executeQuery("select *from category where categoryId ='" +
idCategory + "' ");

                                            while (rs.next()) {
%>

                                    <form action="UpdateCategoryCtl"
method="post">


                                        <input type="hidden"
name="idforUpdateCategory"

    value="<%out.println(idCategory);%>">


                                        <div class="form-group">
                                            <label for="Category-
Description">Category Description</label> <input
                                                name="cDescription"
value="<%=rs.getString(2)%>" type="text"
                                                class="form-
control">
                                        </div>

                                        <div class="form-group">
                                            <label for="Category-
Details">Category Title</label> <input
                                                name="cTitle"
type="text" value="<%=rs.getString(3)%>"
                                                class="form-
control">
                                        </div>

                                        <div class="container text-
center">
                                            <button type="submit"
class="btn btn-primary bg-info border-0">Update-Category
                                                Details</button>
                                        </div>
                                    </form>


                                    <%
                                        }
```

```jsp
                            } catch (Exception e) {
                                System.out.println(e);
                            }
                            %>

                    </div>

                </div>

            </div>
        </div>
        <div class="container">
                <a href="admin.jsp" class="text-right d-block mb-2">
                    <h6 style="color: blue;">Go to Admin Page</h6>
                </a>
        </div>
    </div>

    <!--For Accessing CheckOut Page from directly Cart only -->
    <%@include file="components/common_modals.jsp"%>


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


<%
    User user =  (User) session.getAttribute("current-user");
        if(user == null){

            session.setAttribute("message", "You are not logged
in !!! Please login first");
            response.sendRedirect("login.jsp");
        }else
        {
            if(user.getUserType().equals("normal")){

                session.setAttribute("message", "You are not
admin !!! Do not Access this Page...!!!");
                response.sendRedirect("login.jsp");
            }


        }


%>
```

```jsp
<%@page import="com.kitchenstory.helper.DbConnectionProvider"%>
<%@page import="java.sql.*"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>UpdateProduct-Admin</title>
<%@include file="components/common_css_js.jsp"%>
</head>
<%@include file="components/navbar.jsp"%>
<body>
    <div class="container">

        <div class="row">
            <div class="col-md-6 offset-md-4">

                <div class="card mt-3">
                    <div class="card-header bg-warning text-white">
                        <%@ include file="components/message.jsp"%>
                        <h1>Update Product</h1>
                    </div>

                    <div class="card-body">


                        <%
                            String idProduct = request.getParameter("idProduct");
                            try {
                                Connection con = DbConnectionProvider.getCon();
                                Statement stmt = con.createStatement();
                                ResultSet rs = stmt.executeQuery("select *from product where pId ='" + idProduct + "' ");
                                while (rs.next()) {
                        %>

                        <form action="UpdateProductCtl" method="post">
```

```html
<input type="hidden"
name="idforUpdateProduct"

       value="<%out.println(idProduct);%>">


                                        <div class="form-group">
                                            <label for="Product-
Description">Product Description</label> <input

                                            name="pDescription"
value="<%=rs.getString(2)%>" type="text"

                                            class="form-
control">
                                        </div>

                                        <div class="form-group">
                                            <label for="Product-
Discount">Product Discount</label> <input

                                            name="pDiscount"
type="number" value="<%=rs.getString(3)%>"

                                            class="form-
control">
                                        </div>

                                        <div class="form-group">
                                            <label for="Product-
Name">Product Name</label> <input

                                            name="pName"
value="<%=rs.getString(4)%>" type="text"

                                            class="form-
control">
                                        </div>

                                        <div class="form-group">
                                            <label for="Product-
Price">Product Price</label> <input

                                            name="pPrice"
value="<%=rs.getString(6)%>" type="number"

                                            class="form-
control">
                                        </div>

                                        <div class="form-group">
                                            <label for="Product-
Quantity">Product Quantity</label> <input

                                            name="pQuantity"
value="<%=rs.getString(7)%>" type="number"

                                            class="form-
control">
```

```jsp
                                                            </div>

                                                <div class="container text-
center">
                                                        <button type="submit"
class="btn btn-primary bg-info border-0">Update-Product
                                                                Details</button>
                                                    </div>
                                            </form>


                                        <%
                                                }

                                        } catch (Exception e) {
                                                System.out.println(e);
                                        }
                                        %>

                                </div>


                        </div>

                    </div>
                </div>
                <div class="container">
                        <a href="admin.jsp" class="text-right d-block mb-2">
                                <h6 style="color: blue;">Go to Admin Page</h6>
                        </a>
                </div>
            </div>

        <!--For Accessing CheckOut Page from directly Cart only -->
        <%@include file="components/common_modals.jsp"%>


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


<%
        User user =  (User) session.getAttribute("current-user");
            if(user == null){

                    session.setAttribute("message", "You are not logged
in !!! Please login first");
                    response.sendRedirect("login.jsp");
```

```jsp
            }else
            {
                  if(user.getUserType().equals("normal")){

                        session.setAttribute("message", "You are not
admin !!! Do not Access this Page...!!!");
                        response.sendRedirect("login.jsp");
                  }


            }


%>

<%@page import="com.kitchenstory.helper.DbConnectionProvider"%>
<%@page import="java.sql.*"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
      pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Update-PurchaseRecord</title>
<%@include file="components/common_css_js.jsp"%>
</head>
<%@include file="components/navbar.jsp"%>
<body>
      <div class="container">

            <div class="row">
                  <div class="col-md-6 offset-md-4">

                        <div class="card mt-3">
                              <div class="card-header bg-warning text-
white">
                                    <%@ include
file="components/message.jsp"%>
                                    <h1>Update-Purchase Record</h1>
                              </div>

                              <div class="card-body">


                                    <%
                                          String idPurchase =
request.getParameter("idPurchase");
                                          try {
```

```
                                     Connection con =
DbConnectionProvider.getCon();

                                     Statement stmt =
con.createStatement();

                                     ResultSet rs =
stmt.executeQuery("select *from purchasedrecord where id_Purchase
='" + idPurchase + "' ");
                                          while (rs.next()) {
                            %>

                            <form
action="UpdatePurchaseRecordCtl" method="post">


                                     <input type="hidden"
name="idforUpdatePurchaseDeatils"

     value="<%out.println(idPurchase);%>">


                                     <div class="form-group">
                                          <label
for="purchaseUser">User Name</label> <input

                                               name="userName"
value="<%=rs.getString(2)%>" type="text"

                                               class="form-
control">
                                          </div>

                                     <div class="form-group">
                                          <label
for="emailForPurchase">Email Id</label> <input

                                               name="emailUser"
type="email" value="<%=rs.getString(3)%>"

                                               class="form-
control">
                                          </div>

                                     <div class="form-group">
                                          <label for="Mobile-
Number">Phone Number</label> <input

                                               name="usermobile"
value="<%=rs.getString(4)%>" type="number"

                                               class="form-
control">
                                          </div>

                                     <div class="form-group">
```

```html
                                            <label for="Purchase-
Date">Date</label> <input name="date"

    value="<%=rs.getString(6)%>" type="text" class="form-control">
                                    </div>

                                    <div class="form-group">
                                            <label for="Product-
Category">Product Category</label> <input

                                                name="category"
value="<%=rs.getString(7)%>" type="text"

                                                class="form-
control">
                                    </div>

                                    <div class="form-group">
                                            <label for="Total-
Amount">Total Amount</label> <input

                                                name="totalAmount"
value="<%=rs.getString(10)%>" type="number"

                                                class="form-
control">
                                    </div>

                                    <div class="form-group">
                                            <label for="Shipping-
Address"><b> Shipping Address</b></label> <input

    name="shippingAddress" value="<%=rs.getString(5)%>"
                                                type="text"
class="form-control" required></input>
                                    </div>

                                    <div class="form-group">
                                            <label for="Total-
Amount">Delivery Status</label> <input

    name="deliveryStatus" value="<%=rs.getString(8)%>" type="text"
                                                class="form-
control">
                                    </div>

                                    <div class="form-group">
                                            <label for="Total-
Amount">Payment Options</label> <input

                                                name="paymentMode"
value="<%=rs.getString(9)%>" type="text"

                                                class="form-
control">
```

```jsp
                                                </div>

                                                <div class="form-group">
                                                        <label for="Total-
Amount">Time for Delivery</label> <input

        name="totalDaysforDelivery" value="<%=rs.getString(11)%>"
                                                                type="text"
class="form-control">
                                                </div>


                                                <div class="container text-
center">
                                                        <button type="submit"
class="btn btn-primary bg-info border-0">Update-Purchase
                                                                records</button>
                                                </div>
                                        </form>


                                <%
                                        }

                                } catch (Exception e) {
                                        System.out.println(e);
                                }
                                %>

                        </div>


                        </div>

                </div>
        </div>
        <div class="container">
                <a href="admin.jsp" class="text-right d-block mb-2">
                        <h6 style="color: blue;">Go to Admin Page</h6>
                </a>
        </div>
    </div>

    <!--For Accessing CheckOut Page from directly Cart only -->
    <%@include file="components/common_modals.jsp"%>


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

```jsp
</html>

<%

    User user = (User) session.getAttribute("current-user");
System.out.println("User Session is :" + user);
if (user == null) {

    session.setAttribute("message", "You are not logged in !!
Login first to access Checkout page");
    response.sendRedirect("login.jsp");
    return;

}
%>

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Ordered Page</title>
<%@include file="components/common_css_js.jsp"%>
<link rel="stylesheet"
    href="css/welocmePage_aboutPage_userPage_Foodbox.css">
<meta name="viewport" content="width=device-width, initial-
sclae=1.0">
</head>
<body>
    <%@include file="components/navbar.jsp"%>


    <div class="about-section">
        <div class="inner-width">
            <h1 style="color: #673ab7 !important">
                <b>Purchased-Items Details are: </b>
            </h1>
            <div class="border"></div>
            <div class="about-section-row">
                <div class="about-section-col">
                    <%@include
file="components/message.jsp"%>
                    <div class="about"></div>
                </div>
                <div class="about-section-col">

                    <div class="form-group">
```

```jsp
								<label for="EmailIdForOrders"><h4
	style="color: black;">
								<b>E-mail used for this
	Shopping is: </b>
								</h4> </label> <input
	name="email" value="<%=user.getUserEmail()%> "
								type="email" class="form-
	control" id="exampleInputEmail1"
								aria-describedby="emailHelp"
	placeholder="Enter email"> <small
								id="emailHelp" class="form-
	text text-muted">We'll never
								share your email with anyone
	else.</small>
						</div>
						<div class="about">
							<a
	href="bill.jsp?emailId=<%=user.getUserEmail()%>"
								style="color: black;"><b>Pay
	Your Bill</b></a>
						</div>

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


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

<%@page import="com.kitchenstory.helper.Helper"%>
<%@page import="com.kitchenstory.helper.DbConnectionProvider"%>
<%@page import="java.sql.*"%>
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
	pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Your-OrderPage</title>
<%@include file="components/common_css_js.jsp"%>
</head>
<%@include file="components/navbar.jsp"%>
<body>

	<div class="row card-header bg-warning mt-3 mb-3">
```

```jsp
        <h1 style="color: black;">
            Your Previous active order details are:
        </h1>
    </div>
    <div class="row">
        <%@include file="components/message.jsp"%>
        <div class="col-md-12">

            <table class="table table-bordered table-secondary">
                <thead>
                    <tr>
                        <th scope="col">Name</th>
                        <th scope="col">Email</th>
                        <th scope="col">Contact</th>
                        <th scope="col">Address</th>
                        <th scope="col">Date</th>
                        <th scope="col">Category</th>
                        <th scope="col">DeliveryStatus</th>
                        <th scope="col">ModeOfPayment</th>
                        <th scope="col">Amount</th>
                        <th scope="col">Time</th>
                    </tr>
                </thead>
                <tbody>
                    <%
                    HttpSession httpSession =
request.getSession();
                    int z=0;
                            try {

                            String userEmail =
request.getParameter("orderedEmail");
                            System.out.println("coming Id
for Bill Print is: " + userEmail);

                                Connection con =
DbConnectionProvider.getCon();
                                Statement stmt =
con.createStatement();
                                ResultSet rs =
stmt.executeQuery("select *from purchasedrecord where
purchase_UserEmail ='" + userEmail + "' ");
                                while (rs.next()) {
                                    z=1;
                        %>
                    <tr>

                        <td><%=rs.getString(2)%></td>
                        <td><%=rs.getString(3)%></td>
```

```jsp
                                        <td><%=rs.getString(4)%></td>
                                        <td><%=rs.getString(5)%></td>
                                        <td><%=rs.getString(6)%></td>
                                        <td><%=rs.getString(7)%></td>
                                        <td><%=rs.getString(8)%></td>
                                        <td><%=rs.getString(9)%></td>
                                        <td><%=rs.getString(10)%></td>
                                        <td><%=rs.getString(11)%></td>
                            </tr>

                            <%
                                    }

                                } catch (Exception e) {
                                    System.out.println(e);
                                }
                                %>
                        </tbody>

                    </table>

                </div>
            </div>


<%
            if (z == 0) {
            httpSession.setAttribute("message", "No Ordered found
with this E-mail Id...Please shop with us...!!!");
            response.sendRedirect("normalUser.jsp");
            return;
        }
        %>


        <!--For Accessing CheckOut Page from directly Cart only -->
        <%@include file="components/common_modals.jsp"%>
</body>
<%@include file="components/footer.jsp"%>

</html>
```

```
++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

Pom.xml Code

++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

<project xmlns="http://maven.apache.org/POM/4.0.0"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
http://maven.apache.org/maven-v4_0_0.xsd">
    <modelVersion>4.0.0</modelVersion>
    <groupId>com</groupId>
    <artifactId>KitchenStory</artifactId>
    <packaging>war</packaging>
    <version>0.0.1-SNAPSHOT</version>
    <name>KitchenStory Maven Webapp</name>
    <url>http://maven.apache.org</url>
    <dependencies>
        <dependency>
            <groupId>junit</groupId>
            <artifactId>junit</artifactId>
            <version>3.8.1</version>
            <scope>test</scope>
        </dependency>


        <dependency>
            <groupId>javax.servlet</groupId>
            <artifactId>javax.servlet-api</artifactId>
            <version>3.1.0</version>
        </dependency>

        <!-- https://mvnrepository.com/artifact/mysql/mysql-
connector-java -->
        <dependency>
            <groupId>mysql</groupId>
            <artifactId>mysql-connector-java</artifactId>
            <version>8.0.28</version>
        </dependency>

        <!--
https://mvnrepository.com/artifact/org.hibernate/hibernate-core -->
        <dependency>
            <groupId>org.hibernate</groupId>
            <artifactId>hibernate-core</artifactId>
            <version>5.4.2.Final</version>
        </dependency>
```

```xml
        <!--
https://mvnrepository.com/artifact/com.itextpdf/itextpdf -->
        <dependency>
            <groupId>com.itextpdf</groupId>
            <artifactId>itextpdf</artifactId>
            <version>5.1.0</version>
        </dependency>

    </dependencies>
    <build>
        <finalName>KitchenStory</finalName>
    </build>
</project>
```

++

Web.xml Code

++

```xml
<!DOCTYPE web-app PUBLIC
 "-//Sun Microsystems, Inc.//DTD Web Application 2.3//EN"
 "http://java.sun.com/dtd/web-app_2_3.dtd" >

<web-app>
  <display-name>Archetype Created Web Application</display-name>
  <servlet>
      <servlet-name>RegisterCtl</servlet-name>
      <display-name>RegisterCtl</display-name>
      <description></description>
      <servlet-
class>com.kitchenstory.controller.RegisterCtl</servlet-class>
  </servlet>
  <servlet>
      <servlet-name>LoginCtl</servlet-name>
      <display-name>LoginCtl</display-name>
      <description></description>
      <servlet-class>com.kitchenstory.controller.LoginCtl</servlet-
class>
  </servlet>
  <servlet>
      <servlet-name>LogoutCtl</servlet-name>
      <display-name>LogoutCtl</display-name>
      <description></description>
      <servlet-class>com.kitchenstory.controller.LogoutCtl</servlet-
class>
  </servlet>
  <servlet>
      <servlet-name>ProductOperationCtl</servlet-name>
```

```xml
        <display-name>ProductOperationCtl</display-name>
        <description></description>
        <servlet-
class>com.kitchenstory.controller.ProductOperationCtl</servlet-
class>
    </servlet>
    <servlet>
        <servlet-name>ContactUserCtl</servlet-name>
        <display-name>ContactUserCtl</display-name>
        <description></description>
        <servlet-
class>com.kitchenstory.controller.ContactUserCtl</servlet-class>
    </servlet>
    <servlet>
        <servlet-name>UpdateAdminPasswordCtl</servlet-name>
        <display-name>UpdateAdminPasswordCtl</display-name>
        <description></description>
        <servlet-
class>com.kitchenstory.controller.UpdateAdminPasswordCtl</servlet-
class>
    </servlet>
    <servlet>
        <servlet-name>CheckoutOrderedCtl</servlet-name>
        <display-name>CheckoutOrderedCtl</display-name>
        <description></description>
        <servlet-
class>com.kitchenstory.controller.CheckoutOrderedCtl</servlet-class>
    </servlet>
    <servlet>
        <servlet-name>DeleteOrdersCtl</servlet-name>
        <display-name>DeleteOrdersCtl</display-name>
        <description></description>
        <servlet-
class>com.kitchenstory.controller.DeleteOrdersCtl</servlet-class>
    </servlet>
    <servlet>
        <servlet-name>DeleteProductCtl</servlet-name>
        <display-name>DeleteProductCtl</display-name>
        <description></description>
        <servlet-
class>com.kitchenstory.controller.DeleteProductCtl</servlet-class>
    </servlet>
    <servlet>
        <servlet-name>DeleteCategoryCtl</servlet-name>
        <display-name>DeleteCategoryCtl</display-name>
        <description></description>
        <servlet-
class>com.kitchenstory.controller.DeleteCategoryCtl</servlet-class>
    </servlet>
```

```xml
<servlet>
    <servlet-name>UpdateProductCtl</servlet-name>
    <display-name>UpdateProductCtl</display-name>
    <description></description>
    <servlet-
class>com.kitchenstory.controller.UpdateProductCtl</servlet-class>
</servlet>
<servlet>
    <servlet-name>UpdatePurchaseRecordCtl</servlet-name>
    <display-name>UpdatePurchaseRecordCtl</display-name>
    <description></description>
    <servlet-
class>com.kitchenstory.controller.UpdatePurchaseRecordCtl</servlet-
class>
</servlet>
<servlet>
    <servlet-name>UpdateCategoryCtl</servlet-name>
    <display-name>UpdateCategoryCtl</display-name>
    <description></description>
    <servlet-
class>com.kitchenstory.controller.UpdateCategoryCtl</servlet-class>
</servlet>
<servlet-mapping>
    <servlet-name>RegisterCtl</servlet-name>
    <url-pattern>/RegisterCtl</url-pattern>
</servlet-mapping>
<servlet-mapping>
    <servlet-name>LoginCtl</servlet-name>
    <url-pattern>/LoginCtl</url-pattern>
</servlet-mapping>
<servlet-mapping>
    <servlet-name>LogoutCtl</servlet-name>
    <url-pattern>/LogoutCtl</url-pattern>
</servlet-mapping>
<servlet-mapping>
    <servlet-name>ProductOperationCtl</servlet-name>
    <url-pattern>/ProductOperationCtl</url-pattern>
</servlet-mapping>
<servlet-mapping>
    <servlet-name>ContactUserCtl</servlet-name>
    <url-pattern>/ContactUserCtl</url-pattern>
</servlet-mapping>
<servlet-mapping>
    <servlet-name>UpdateAdminPasswordCtl</servlet-name>
    <url-pattern>/UpdateAdminPasswordCtl</url-pattern>
</servlet-mapping>
<servlet-mapping>
    <servlet-name>CheckoutOrderedCtl</servlet-name>
    <url-pattern>/CheckoutOrderedCtl</url-pattern>
```

```xml
    </servlet-mapping>
    <servlet-mapping>
        <servlet-name>DeleteOrdersCtl</servlet-name>
        <url-pattern>/DeleteOrdersCtl</url-pattern>
    </servlet-mapping>
    <servlet-mapping>
        <servlet-name>DeleteProductCtl</servlet-name>
        <url-pattern>/DeleteProductCtl</url-pattern>
    </servlet-mapping>
    <servlet-mapping>
        <servlet-name>DeleteCategoryCtl</servlet-name>
        <url-pattern>/DeleteCategoryCtl</url-pattern>
    </servlet-mapping>
    <servlet-mapping>
        <servlet-name>UpdateProductCtl</servlet-name>
        <url-pattern>/UpdateProductCtl</url-pattern>
    </servlet-mapping>
    <servlet-mapping>
        <servlet-name>UpdatePurchaseRecordCtl</servlet-name>
        <url-pattern>/UpdatePurchaseRecordCtl</url-pattern>
    </servlet-mapping>
    <servlet-mapping>
        <servlet-name>UpdateCategoryCtl</servlet-name>
        <url-pattern>/UpdateCategoryCtl</url-pattern>
    </servlet-mapping>
</web-app>
```

++

Completed Code File

++