Controller Level Code:

```
package com.foodbox.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.foodbox.entities.PurchasedRecord;
import com.foodbox.model.PurchasedRecordDao;


/**
 * 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
     *     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"));
```

```
          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_ExpectedMinutesForDelivery = "39-Minutes Max";

          record.setPurchase_ExpectedMinutesForDelivery(purchase_ExpectedMinutesForDeli
very);

                    long flag = PurchasedRecordDao.addPurchasedRecord(record);

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

    }

}
```

```java
package com.foodbox.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;
import org.hibernate.Transaction;

import com.foodbox.entities.ContactUser;
import com.foodbox.helper.FactoryProvider;
import com.foodbox.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");
            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
*/
```

```java
            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();
        }

    }

}
```

```java
package com.foodbox.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.foodbox.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();
        // 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 orderedEmail = request.getParameter("userEmail");
        System.out.println("Coming ID value is:" + orderedEmail);

        try {
            Connection conn = DbConnectionProvider.getCon();
            Statement st = conn.createStatement();

            st.executeUpdate("delete from purchasedrecord where
purchase_UserEmail = '" + orderedEmail + "'  ");
            HttpSession httpSession = request.getSession();
            httpSession.setAttribute("message",
                                                  "Your Order records got deleted Successfully..!! Please
remove your selected Items from Your cart and  User Email is: "
                                                                      + orderedEmail);
                              response.sendRedirect("invoiceDetail.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.foodbox.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 com.foodbox.entities.User;
import com.foodbox.helper.FactoryProvider;
import com.foodbox.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
	 *      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>");
                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) {
			e.printStackTrace();
		}
	}

}
```

```
package com.foodbox.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");


        response.sendRedirect("login.jsp");

    }


    protected void doPost(HttpServletRequest request, HttpServletResponse response)
```

```
                        throws ServletException, IOException {
                // TODO Auto-generated method stub
                doGet(request, response);
        }

}
```

```
package com.foodbox.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.foodbox.entities.Category;
import com.foodbox.entities.Product;
import com.foodbox.helper.FactoryProvider;
import com.foodbox.model.CategoryDao;
import com.foodbox.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;

                              } 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
                        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);

                    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();
        }

    }

}
```

```
package com.foodbox.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.foodbox.entities.User;
import com.foodbox.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
    }

    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;

                }

                /* 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
*/

                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.foodbox.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.foodbox.helper.DbConnectionProvider;


public class UpdateAdminPasswordCtl extends HttpServlet {

	private static final long serialVersionUID = 1L;


	public UpdateAdminPasswordCtl() {

		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 + "' ");

            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();
                }

        }

}
```

Entities Level Code:

```
package com.foodbox.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 {

    @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() {
}

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;
}

public void setProducts(List<Product> products) {
		this.products = products;
}
```

```
    @Override
    public String toString() {
        return "Category [categoryId=" + categoryId + ", categoryTitle=" + categoryTitle + ",
categoryDescription="
                + categoryDescription + "]";
    }

}
```

```
package com.foodbox.entities;


import javax.persistence.Column;
import javax.persistence.Entity;
import javax.persistence.GeneratedValue;
import javax.persistence.GenerationType;
import javax.persistence.Id;


@Entity
public class ContactUser {


    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    @Column(length = 10, name = "contactUser_id")
    private int contactUserId;


    @Column(length = 100, name = "contactUser_name")
    private String userName;


    @Column(length = 100, name = "contactUser_email")
    private String userEmail;


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

```
	@Column(length = 100, name = "contactUser_subject")
	private String userSubject;

	@Column(length = 1500, name = "contactUser_query")
	private String userQuery;

	public ContactUser(int contactId, String userName, String userEmail, String userPhone, String userSubject,
			String userQuery) {
		this.contactUserId = contactId;
		this.userName = userName;
		this.userEmail = userEmail;
		this.userPhone = userPhone;
		this.userSubject = userSubject;
		this.userQuery = userQuery;
	}

	public ContactUser(String userName, String userEmail, String userPhone, String userSubject, String userQuery) {
		super();
		this.userName = userName;
		this.userEmail = userEmail;
		this.userPhone = userPhone;
		this.userSubject = userSubject;
		this.userQuery = userQuery;
	}

	public ContactUser() {

	}

	public int getContactId() {
		return contactUserId;
```

```
}

public void setContactId(int contactId) {
	this.contactUserId = contactId;
}

public String getUserName() {
	return userName;
}

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

public String getUserEmail() {
	return userEmail;
}

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

public String getUserPhone() {
	return userPhone;
}

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

public String getUserSubject() {
	return userSubject;
}
```

```
    public void setUserSubject(String userSubject) {
        this.userSubject = userSubject;
    }

    public String getUserQuery() {
        return userQuery;
    }

    public void setUserQuery(String userQuery) {
        this.userQuery = userQuery;
    }

    @Override
    public String toString() {
        return "ContactUser [contactUserId=" + contactUserId + ", userName=" + userName + ", 
userEmail=" + userEmail
                + ", userPhone=" + userPhone + ", userSubject=" + userSubject + ", 
userQuery=" + userQuery + "]";
    }

}
```

```
package com.foodbox.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;
@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;
}

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;
}

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;
}

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.foodbox.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;
	private String purchase_ExpectedMinutesForDelivery;

	public String getPurchase_ExpectedMinutesForDelivery() {
		return purchase_ExpectedMinutesForDelivery;
	}

	public void setPurchase_ExpectedMinutesForDelivery(String
purchase_ExpectedMinutesForDelivery) {
		this.purchase_ExpectedMinutesForDelivery =
purchase_ExpectedMinutesForDelivery;
	}
```

```
    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;
    }

    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;
    }

    @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_ExpectedMinutesForDelivery=" + 
purchase_ExpectedMinutesForDelivery + "]";
       }

}
```

```
package com.foodbox.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;


	@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;
		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;
	}

	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;
}

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 Classes Code:

```
package com.foodbox.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/phase6-
foodbox", "root", "root");
            return con;
        } catch (Exception e) {
            System.out.println(e);
            return null;
        }

    }

}
```

```
package com.foodbox.helper;
```

```
import org.hibernate.SessionFactory;
import org.hibernate.cfg.Configuration;

public class FactoryProvider {
	private static SessionFactory factory;

	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.foodbox.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) {
```

```
                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);

        Map<String, Long> map = new HashMap<>();
        map.put("userCount", userCount);
        map.put("productCount", productCount);

        session.close();

        return map;

    }
}
```

Model Classes Code:

```
package com.foodbox.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.foodbox.entities.Category;

public class CategoryDao {

    private SessionFactory factory;

    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();

        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.foodbox.model;

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

import com.foodbox.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;
    }

}
```

```
package com.foodbox.model;


import java.util.List;


import org.hibernate.Session;

import org.hibernate.SessionFactory;

import org.hibernate.Transaction;

import org.hibernate.query.Query;


import com.foodbox.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();

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

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

}
```

```
package com.foodbox.model;

import java.sql.*;

import com.foodbox.entities.PurchasedRecord;
import com.foodbox.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();
        }
        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_ExpectedMinutesForDelivery());

            i = stmt.executeUpdate();

        } catch (Exception e) {
            // TODO Auto-generated catch block
            e.printStackTrace();
        }
        return i;
    }

}
```

```
package com.foodbox.model;

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

import com.foodbox.entities.User;

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 */
            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 Code:

```
<?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/phase6-
foodbox</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.foodbox.entities.User" />
                <mapping class="com.foodbox.entities.Category" />
                <mapping class="com.foodbox.entities.Product" />
                <mapping class="com.foodbox.entities.ContactUser" />

        </session-factory>

</hibernate-configuration>
```

Front-End Level Code

Components Level Code

```
<!--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"
        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 -->

                <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-secondary mt-3">
	<div class="card-body">
		<p class="card-text">
			<b>Owned By © 2022 Copyright:</b> <a style="color:
white;"
				href="foodboxWelcome.jsp">Foodbox-App.com</a>
<b>Visit US on Our
				Online Delivery Application </b> <a
style="color: white;"
				href="aboutUS.jsp">About</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"
		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.foodbox.entities.User"%>

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


<nav class="navbar navbar-expand-lg navbar-light bg-info">
    <div class="container">
        <a class="navbar-brand"
href="foodboxWelcome.jsp"><b>Foodbox-App</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</b> <span
class="sr-only">(current)</span>
                </a></li>

            </ul>

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

                <!-- For Add Cart Option -->
                <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>Contact</b></a></li>

                                  <%
                                       } 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>Contact</b></a></li>
                <%
                    }
                %>
            </ul>
        </div>
    </div>
</nav>
```

CSS Level Code:

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

.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;
}

@
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;
```

```css
      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 {
      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;
}
```

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

Java Script Level Code:

```
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)
            {
                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);
        $(".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"

}
```

HTML and JSP File's Code

```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
      pageEncoding="ISO-8859-1"%>
<!DOCTYPE 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 Foodbox Online Portal</b>
                  </h1>
                  <div class="border"></div>
                  <div class="about-section-row">
                        <div class="about-section-col">
                              <div class="about">
```

```
                                 <p>This Foodbox Application has a 
multiple category for 
                                      selecting and ordering food 
items. Previously we have a 
                                      restaurant chain, and now, We 
wish to launch Our Foodbox 
                                      Application, We found out that 
the online ordering of food items 
                                      with companies, such as Swiggy 
and Foodpanda were gaining more 
                                      profit by eliminating middle 
men from the equation. As a result, 
                                      the team decided to Launch an 
online food delivery web 
                                      application with a rich and 
user-friendly interface.</p>
                                 <a href="foodboxWelcome.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">Biryani</div>
                                      <div class="progress">
                                            <div class="progress-bar 
p1">
                                                 <span>90%</span>
                                            </div>
                                      </div>
                                 </div>

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

                                 <div class="skill">
```

```
                            <div class="title">Home
Style</div>
                            <div class="progress">
                                <div class="progress-bar
p2">
                                    <span>79.30%</span>
                                </div>
                            </div>
                        </div>
                        <div class="skill">
                            <div class="title">Pizza</div>
                            <div class="progress">
                                <div class="progress-bar
p2">
                                    <span>69%</span>
                                </div>
                            </div>
                        </div>

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

```
<%@page import="com.foodbox.helper.DbConnectionProvider"%>
<%@page import="java.sql.*"%>
<%@page import="java.util.Map"%>
<%@page import="com.foodbox.helper.Helper"%>
<%@page import="com.foodbox.entities.Category"%>
<%@page import="java.util.List"%>
```

```
<%@page import="com.foodbox.helper.FactoryProvider"%>
<%@page import="com.foodbox.model.CategoryDao"%>
<%@page import="com.foodbox.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());
           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">
                    <div class="card-body text-center">
                        <div class="container">
                            <img style="max-width: 125px;"
class="img-fluid rounded-circle"
                                src="image/seo-and-
web.png" alt="user_icon">
                        </div>
                        <h1><%=m.get("userCount")%></h1>
                        <h1 class="text-uppercase text-
muted">Users</h1>
                    </div>

                </div>

            </div>

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

                <!-- Second box -->
                <div class="card">
                    <div class="card-body text-center">
                        <div class="container">
                            <img style="max-width: 125px;"
class="img-fluid rounded-circle"
                                src="image/list.png"
alt="user_icon">
                        </div>
                        <h1>
```

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

                </div>

            </div>

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

                <!-- Third box -->
                <div class="card">
                    <div class="card-body text-center">
                        <div class="container">
                            <img style="max-width: 125px;"
class="img-fluid rounded-circle"
                                src="image/product.png"
alt="user_icon">
                        </div>

                        <h1>
                            <%=m.get("productCount")%>
                        </h1>
                        <h1 class="text-uppercase text-
muted">Products</h1>
                    </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 -->
                <div class="card" data-toggle="modal"
                    data-target="#add-category-modal">
                    <div class="card-body text-center">
                        <div class="container">
                            <img style="max-width: 125px;"
class="img-fluid rounded-circle"
```

```
                                            src="image/keys.png"
alt="user_icon">
                                 </div>
                                 <p class="mt-2">Click here to add
new Category</p>
                                 <h1 class="text-uppercase text-
muted">Add Categories</h1>
                            </div>

                      </div>

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

                      <!--Second Row: Second Column: Second Box -->
                      <div class="card" data-toggle="modal"
                           data-target="#add-product-modal">
                           <div class="card-body text-center">
                                 <div class="container">
                                      <img style="max-width: 125px;"
class="img-fluid rounded-circle"
                                            src="image/plus.png"
alt="user_icon">
                                 </div>
                                 <p class="mt-2">Click here to add
new Product</p>
                                 <h1 class="text-uppercase text-
muted">Add Product</h1>
                            </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" data-toggle="modal"
```

```
                            data-target="#change-adminPassword-
modal">
                            <div class="card-body text-center">
                                 <div class="container">
                                      <img style="max-width: 125px;"
class="img-fluid rounded-circle"

      src="image/passwordChange.jpg" alt="user_icon">
                                 </div>
                                 <p class="mt-2">Click here for
Admin Password Change</p>
                                 <h1 class="text-uppercase text-
muted">Pwd Change</h1>
                            </div>

                       </div>

                  </div>

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

                       <!-- Second box -->
                       <div class="card" data-toggle="modal"
                            data-target="#getUserList-modal">
                            <div class="card-body text-center">
                                 <div class="container">
                                      <img style="max-width: 125px;"
class="img-fluid rounded-circle"
                                           src="image/userList.png"
alt="user_icon">
                                 </div>
                                 <p class="mt-2">Click Here for
User-List and User-Search</p>
                                 <h1 class="text-uppercase text-
muted">Get User List</h1>
                            </div>

                       </div>

                  </div>

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

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

```
                        <div class="container">
                            <img style="max-width: 125px;"
class="img-fluid rounded-circle"

    src="image/purchaseFiltered.png" alt="user_icon">
                        </div>

                        <p class="mt-2">Click here to see
Purchase Report</p>
                        <h1 class="text-uppercase text-
muted">Filter Data</h1>
                    </div>

                </div>

            </div>
        </div>


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


    </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">
                        <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 -->
     <!--
++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
++++++++++++++++++++++++++++++++++++ -->

     <!--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 -->
                        <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>


                                <!-- 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">
                    <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>


     &#160;&#160;&#160;&#160;&#160;&#160;&#160;

     &#160;&#160;&#160;&#160;&#160;&#160;&#160;

     &#160;&#160;&#160;&#160;&#160;&#160;&#160;

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     &#160;&#160;&#160;&#160;&#160;&#160;&#160;

     &#160;&#160;&#160;&#160;&#160;&#160;&#160;
                           <!-- 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>
                                      <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>


                                   </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>

      &#160;&#160;&#160;&#160;&#160;&#160;&#160;

      &#160;&#160;&#160;&#160;&#160;&#160;&#160;

      &#160;&#160;&#160;&#160;&#160;&#160;&#160;

      &#160;&#160;&#160;&#160;&#160;&#160;&#160;

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      &#160;&#160;&#160;&#160;&#160;&#160;&#160;

      &#160;&#160;&#160;&#160;&#160;&#160;&#160;

      &#160;&#160;&#160;&#160;&#160;&#160;&#160;
                              <!-- Search Bar Coding or search Icon
coding -->
                              <div class="search-container">
                                    <form
action="getPurchaseReportsByCategoryOrByDate.jsp"
                                          method="post">
                                          <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>
                                                 <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);
                                            }
                                            %>
                                      </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>
```

```
<%
    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.foodbox.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-warning 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>
                                <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">MaxMinutesForDelivery</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>

     <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>
                            <label for="EmailIdForOrders"><h4
style="color: black;">
                                       <b>Invoice will be send on
this E-mail Id:</b>
                                 </h4> </label> <input name="email"
value="<%=user.getUserEmail()%>"
                                 type="email" class="form-control"
id="exampleInputEmail1"
                                 aria-describedby="emailHelp"
                                 placeholder="Enter Email to save
bill as Pdf">


                            <div class="container text-center card-
header bg-info">
                                 <a href="payBill.jsp"><h5
style="color: black">Pay Your
                                            Bill...!!</h5></a>

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

           </div>
      </form>


      <!--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 !!
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-->
                <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
                                                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>Default Food item Category is

      Selected</option>
                                                   <option
value="Biryani">Biryani</option>
                                                   <option
value="Chicken">Chicken</option>
                                                   <option
value="Pizza">Pizza</option>
                                                   <option
value="Bowl">Bowl</option>
                                                   <option
value="Paratha">Paratha</option>
                                                   <option value="Home
Style">Home Style</option>
                                                   <option value="Desi
Chai">Desi Chai</option>
                                                   <option
value="Chinese">Chinese</option>
                                                   <option
value="Indian Roti">Indian Roti</option>
                                                   <option
value="Rice">Rice</option>
                                                   <option
value="Soup">Soup</option>
                                              </select>
                                         </div>


                                         <div class="form-group">
                                              <label
for="paymentMode"><b>Select Payment Mode</b></label><br>
                                              <select
name="paymentMode" required>
                                                   <option
selected>Default Payment Mode is Cash on

      Delivery</option>
                                                   <option value="Cash
On Delivery">Cash On Delivery</option>
                                                   <option
value="NetBanking">NetBanking</option>
                                                   <option
value="Credit Card">Credit Card</option>
```

```
                                                <option value="UPI
ID">UPI ID</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"
                                                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="foodboxWelcome.jsp" class="text-center d-block mb-2"><h5
                                                
    style="color: blue;">Explore Our Food..!!!</h5> </a>
                                            </div>
                                        </div>

                                    </form>
```

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

    </div>

    <%@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>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="container text-center">
                            <img src="image/contactUs.jpg"
style="max-width: 100px;"
                                class="img-fluid"
alt="">
                        </div>
                        <div class="card-header bg-
secondary text-white mt-3 mb-3">
                            <h1>Any Query...!!</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"
                                                  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>
     </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">
<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 the Foodbox Online Portal</b>
            </h1>
            <div class="border"></div>
            <div class="about-section-row">
                <div class="about-section-col">
                    <div class="about">
                        <p>This Foodbox Application has a
multiple category for
                            selecting and ordering food
items. Previously we have a
                            restaurant chain, and now, We
wish to launch Our Foodbox
                            Application, We found out that
the online ordering of food items
                            with companies, such as Swiggy
and Foodpanda were gaining more
                            profit by eliminating middle
men from the equation. As a result,
                            the team decided to Launch an
online food delivery web
                            application with a rich and
user-friendly interface.</p>
                        <a href="index.jsp" style="color:
blue;"><b>For online
                                Food Delivery 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 import="com.foodbox.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>
							<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>
                                      <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.foodbox.helper.Helper"%>
<%@page import="com.foodbox.entities.Category"%>
<%@page import="com.foodbox.model.CategoryDao"%>
<%@page import="com.foodbox.entities.Product"%>
<%@page import="java.util.List"%>
<%@page import="com.foodbox.model.ProductDao"%>
<%@page import="com.foodbox.helper.FactoryProvider"%>
<%@ 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 Home Page</title>
<%@include file="components/common_css_js.jsp"%>

</head>
<body>

    <%@include file="components/navbar.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"
                           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"><h5
                                      style="color:
#01579b"><%=c.getCategoryTitle()%></h5></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) {

                                            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.foodbox.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.foodbox.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"%>
<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 online
                                Food Delivery Please
visit here...!!</b></a>
                    </div>
                </div>
            </div>
        </div>
    </div>
    <div class="container">
        <div class="card-header bg-warning text-white">
            <h1>Your Orders ...!!</h1>
        </div>

        <div class="col-md-12">

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


                <table class="table table-info">
                    <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">DeliveryDate</th>
                            <th scope="col">Category</th>
                            <th
scope="col">DeliveryStatus</th>
                            <th scope="col">Payment</th>
                            <th scope="col">Amount</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>
                            <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>
    </div>


    <div class="container">
        <div class="card-header bg-warning text-white">
            <a
href="DeleteOrdersCtl?userEmail=<%=user.getUserEmail()%>">
                <h4>
                    <b style="color: white;">Click Here to
Clear Your Orders </b>
                </h4>
            </a>
        </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>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-secondary
text-white">
                        <h1>Login Here :</h1>
                    </div>

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

                        <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>

                            <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">
        <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>This Foodbox Application has a
multiple category for
                            selecting and ordering food
items. Previously we have a
                            restaurant chain, and now, We
wish to launch Our Foodbox
                            Application, We found out that
the online ordering of food items
                            with companies, such as Swiggy
and Foodpanda were gaining more
                            profit by eliminating middle
men from the equation. As a result,
                            the team decided to Launch an
online food delivery web
                            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>

                    </div>

                    <div class="about-section-col mt-4">
                        <h2 style="color: blue;">Now goto
Cart...!!</h2>

                    </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.foodbox.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 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="container text-center">
                                       <img src="image/debit-
card.png" style="max-width: 100px;"
                                             class="img-fluid"
alt="">
                                  </div>
                                  <div class="card-header bg-
secondary text-white mt-3 mb-3">
                                       <h4>Pay By Using Debit or
Credit Card</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

      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="<%=user.getUserName()%>" class="form-control" id="name"
                                                 aria-
describedby="nameHelp"
                                                 placeholder="Enter
Card Holder Name Here..!!">
                                      </div>
                                      <div class="form-group">
                                           <label for="name"
style="color: black !important;"><b>Email

     Id:</b></label> <br> <input name="emailId" type="email"

     value="<%=user.getUserEmail()%>" class="form-control"
id="name"
                                                 aria-
describedby="nameHelp"
                                                 placeholder="Enter
Card Holder Name Here..!!">
                                      </div>

                                      <div class="form-group">
                                           <label for="phone"
style="color: black !important;"><b>Amount
                                                      to be
Paid:</b> </label> <input name="amount" type="number"
                                                 class="form-
control" id="amount" aria-describedby="amountHelp"
                                                 required>
                                      </div>

                                      <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>
<%@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="container text-center">
                                          <img src="image/add-
friend.png" style="max-width: 100px;"
                                                class="img-fluid"
alt="">
                                    </div>
                                    <div class="card-header bg-
secondary 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"
                                                  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>
    </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.foodbox.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">
                <%@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>
                                     <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");
      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>Placed-Ordered Details</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 class="card mt-2">
                              <h6 style="color: blue;">
                                   <b>Order Placed...Please
remove items from your Cart...!!</b>
                              </h6>
                         </div>
                    </div>
                    <div class="about-section-col">

                         <div class="form-group">



                              <label for="EmailIdForOrders"><h4
style="color: black;">
```

```
                                                            <b>Email-Id used for
Orders...!!</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>See
Your Bill...!!</b></a>
                                          </div>

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


                  <%@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>foodbox</artifactId>
      <packaging>war</packaging>
      <version>0.0.1-SNAPSHOT</version>
      <name>foodbox 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>


            <!--
https://mvnrepository.com/artifact/com.itextpdf/itextpdf -->
            <dependency>
                  <groupId>com.itextpdf</groupId>
                  <artifactId>itextpdf</artifactId>
                  <version>5.1.0</version>
            </dependency>


      </dependencies>
      <build>
            <finalName>foodbox</finalName>
      </build>
</project>
```

Note: All component level codes are placed on this file.