

Abstract geometric lines in the top left corner, consisting of several thin, light brown lines that intersect to form various polygons and shapes, creating a modern, architectural feel.

# PROJECT DOCUMENTATION

DEA – E-Commerce Java Web Application Development

Faculty of Computing - 22.2 Batch

# TEAM MEMBERS

MHM AASIK - 29127

RN AHAMED – 29205

M PRAVEEN KUMAR – 28926

R SAJEEVAN – 28504

R PALARAM – 27339

K VINOKRISHNAN - 28778

U NITHUJAYAN – 29184

MMM SHAKEEF – 29287

MM MINHAAZ – 28430

AJM NAVEETH - 28930



# ABOUT OUR PROJECT

*WE CREATE AN ONLINE SHOPPING SYSTEM E-COMMERCE JAVA WEB APPLICATION.*

*IT IS CALLED “GREEN LIFE”.*

*IN OUR WEB APPLICATION USERS CAN BROWSE PRODUCTS, ADD THEM TO CART & MAKE PURCHASES.*

*USERS CAN SELECT THEIR PRODUCTS BY BROWSING OR SEARCH THE PRODUCTS IN THE SEARCH BAR BY TYPING THOSE NAMES, THEN ADD PRODUCTS INTO SHOPPING CART & MANAGE THE CART’S CONTENTS & THEN THEY MAKE PURCHASES.*

*WE CREATE USER REGISTRATION, LOG-IN & LOG-OUT FUNCTIONALITIES FOR BOTH USERS AND ADMIN.*

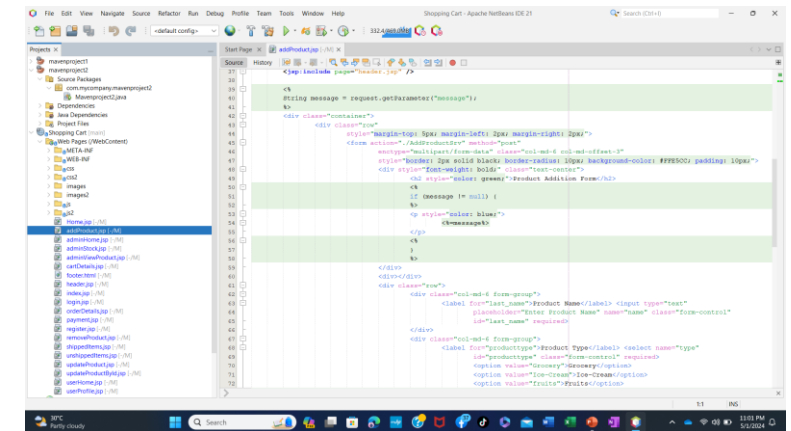
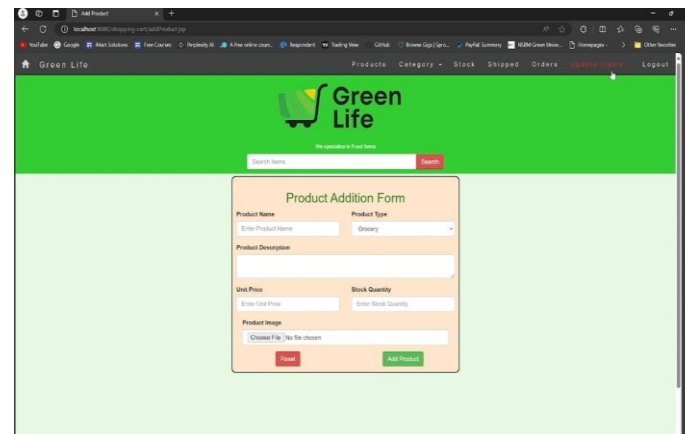
*AND WE CREATE AN ADMIN INTERFACE TO ADD, UPDATE & DELETE/REMOVE PRODUCTS, VIEW ORDERS & MANAGE USERS. ONLY ADMIN CAN DO THIS JOB.*

# CONTRIBUTIONS OF EACH TEAM MEMBER'S

WE ALL ARE CONTRIBUTING ON JAVA SERVER PAGES & JAVA CLASSES FILES FOR CREATING THIS PROJECT.

MHM AASIK - 29127

addProduct.jsp  
adminHome.jsp  
CartBean.java  
DemandBean.java  
OrderBean.java  
OrderDetails.java



# CONTRIBUTIONS OF EACH TEAM MEMBER'S

RN AHAMED – 29205

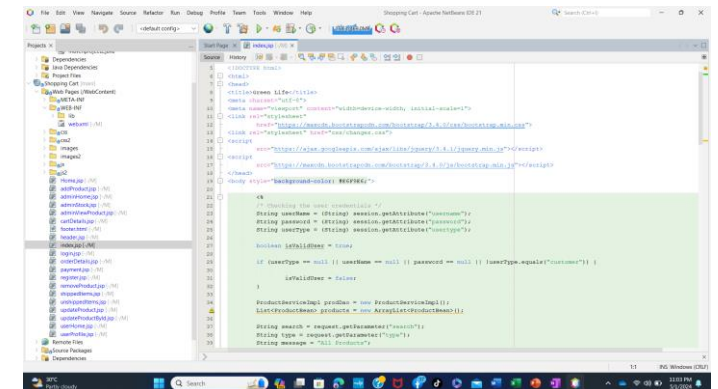
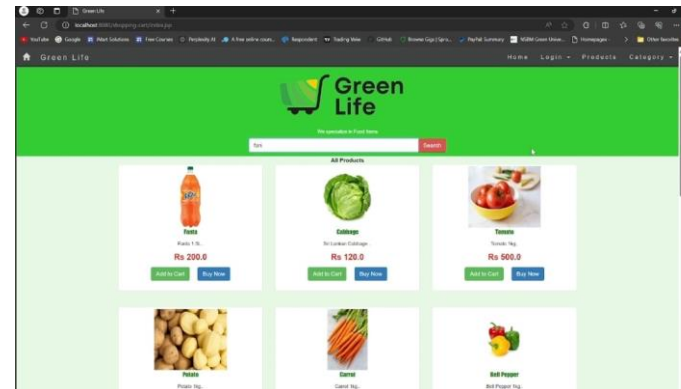
index.jsp

userProfile.jsp

TestMail.java

application.properties

mysql\_query.sql



# CONTRIBUTIONS OF EACH TEAM MEMBER'S

M PRAVEEN KUMAR – 28926

cartDetails.jsp

Home.jsp

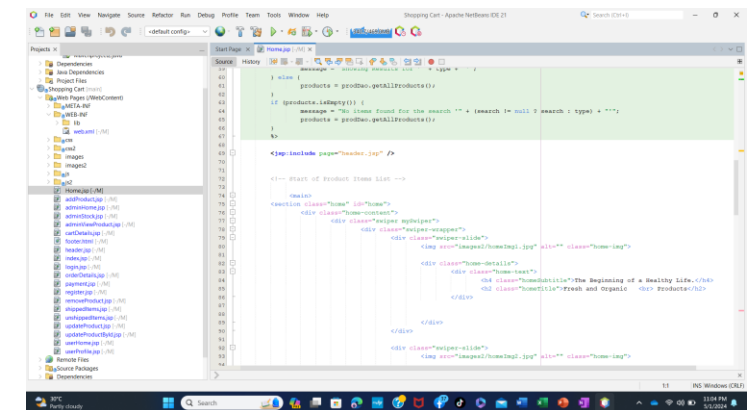
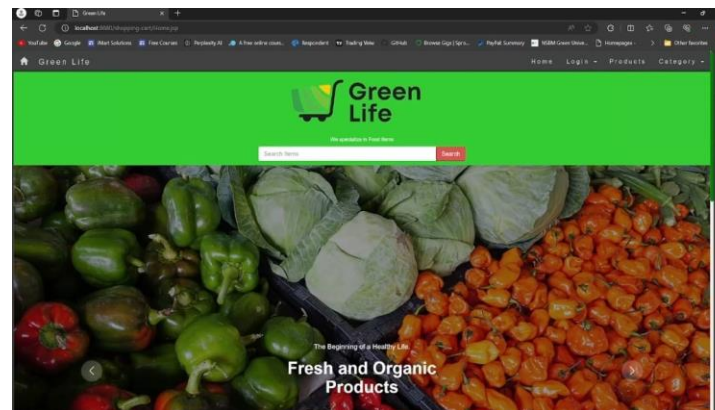
CartService.java

DemandService.java

OrderService.java

ProductService.java

TransService.java



# CONTRIBUTIONS OF EACH TEAM MEMBER'S

R SAJEEVAN – 28504

removeProduct.jsp

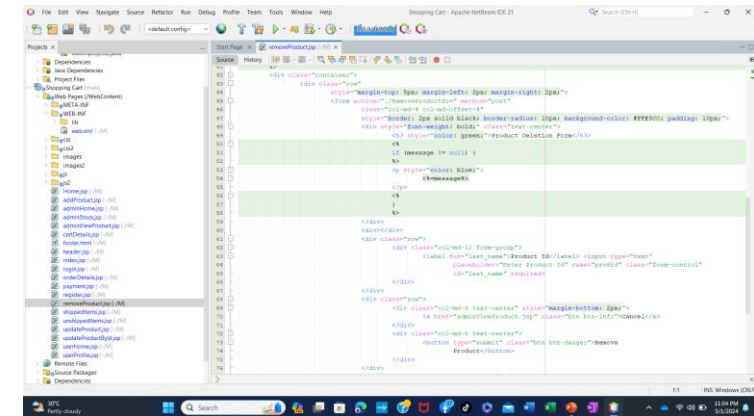
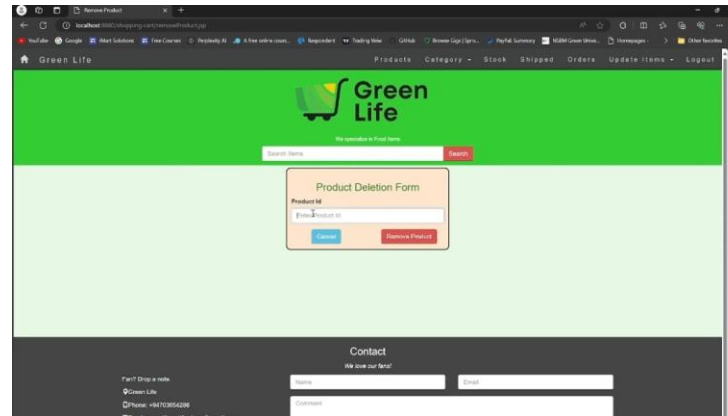
shippedItems.jsp

RemoveProductSrv.java

RegisterSrv.java

OrderServlet.java

LogoutSrv.java



# CONTRIBUTIONS OF EACH TEAM MEMBER'S

R PALARAM – 27339

header.jsp

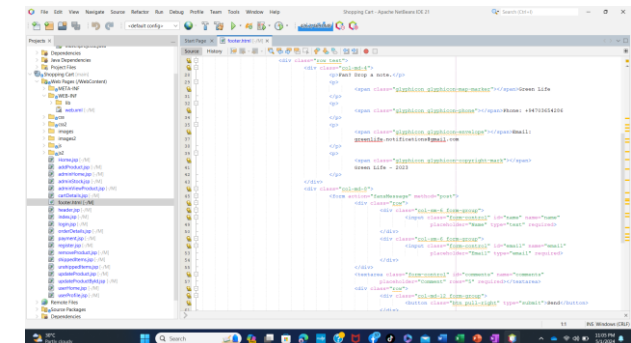
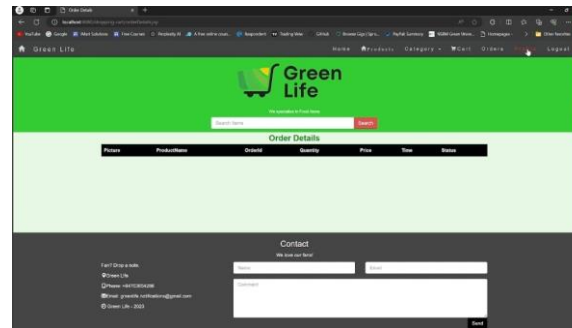
footer.html

UserService.java

CartServiceImpl.java

OrderServiceImpl.java

DemandServiceImpl.java





# CONTRIBUTIONS OF EACH TEAM MEMBER'S

K VINOKRISHNAN - 28778

adminStock.jsp

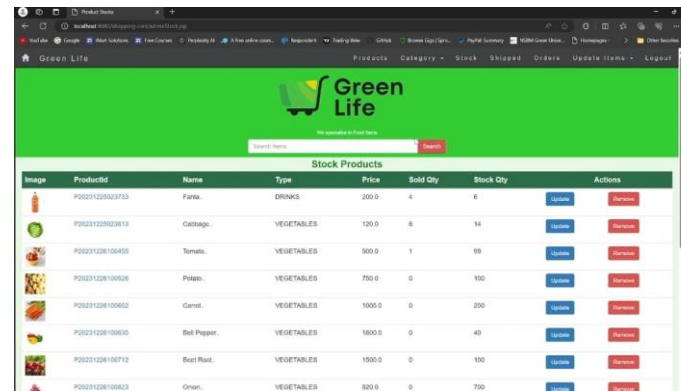
adminViewProduct.jsp

ProductBean.java

UserBean.java

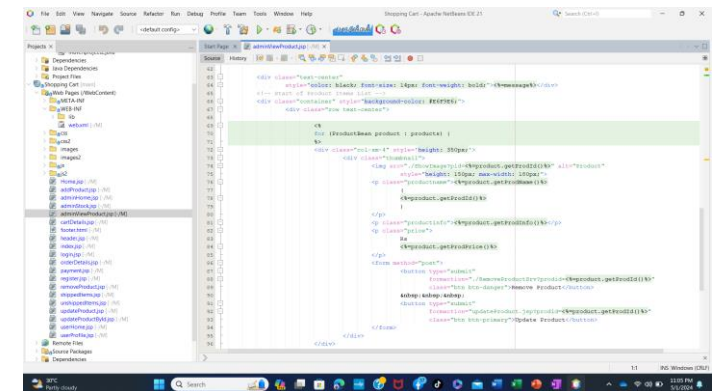
TransactionBean.java

IUserConstants.java



The screenshot shows a web application interface for 'Green Life'. At the top, there is a navigation bar with links: Products, Category, Stock, Shipped, Orders, Update Item, and Logout. Below the navigation bar is a search bar with the text 'Search Items'. The main content area displays a table titled 'Stock Products'. The table has columns: Image, ProductId, Name, Type, Price, Sold Qty, Stock Qty, and Actions. The table contains six rows of product data.

Image	ProductId	Name	Type	Price	Sold Qty	Stock Qty	Actions
	P002122003753	Fanta	DRINKS	280.0	0	0	<a href="#">Update</a> <a href="#">Remove</a>
	P002122003813	Cabbage	VEGETABLES	120.0	8	14	<a href="#">Update</a> <a href="#">Remove</a>
	P0021220120420	Tomato	VEGETABLES	300.0	1	99	<a href="#">Update</a> <a href="#">Remove</a>
	P0021220120526	Potato	VEGETABLES	750.0	0	100	<a href="#">Update</a> <a href="#">Remove</a>
	P0021220120602	Carrot	VEGETABLES	1000.0	0	200	<a href="#">Update</a> <a href="#">Remove</a>
	P0021220120605	Red Pepper	VEGETABLES	1800.0	0	40	<a href="#">Update</a> <a href="#">Remove</a>
	P0021220120712	Beet Root	VEGETABLES	1500.0	0	100	<a href="#">Update</a> <a href="#">Remove</a>
	P0021220120823	Onion	VEGETABLES	820.0	0	700	<a href="#">Update</a> <a href="#">Remove</a>



The screenshot shows the Eclipse IDE with the 'adminStock.jsp' file open. The code is a JSP page that displays a table of stock products. It uses the JSTL (Java Standard Tag Library) for looping through a collection of products. The code includes a header section with a search bar and a main table with columns for product details and actions. The table is populated with data from a database using the JSTL `<c:forEach>` tag.

```
<!-- Header Section -->
<div class="header">
    <div class="container">
        <div class="row">
            <div class="col-md-12">
                <div class="text-align: center;">
                    <img alt="Green Life Logo" data-bbox="500 600 550 650"/>
                    <h2>Green Life</h2>
                </div>
            </div>
        </div>
        <div class="row">
            <div class="col-md-12">
                <div class="text-align: center;">
                    <input type="text" value="Search Items" />
                    <button type="button" value="Search" />
                </div>
            </div>
        </div>
    </div>
</div>

<!-- Main Table -->
<table>
    <thead>
        <tr>
            <th>Image</th>
            <th>ProductId</th>
            <th>Name</th>
            <th>Type</th>
            <th>Price</th>
            <th>Sold Qty</th>
            <th>Stock Qty</th>
            <th>Actions</th>
        </tr>
    </thead>
    <tbody>
        <c:forEach var="product" items="${products}">
            <tr>
                <td><img alt="${product.image}" data-bbox="${product.image}" /></td>
                <td>${product.productId}</td>
                <td>${product.name}</td>
                <td>${product.type}</td>
                <td>${product.price}</td>
                <td>${product.soldQty}</td>
                <td>${product.stockQty}</td>
                <td>
                    <a href="#">Update</a>
                    <a href="#">Remove</a>
                </td>
            </tr>
        </c:forEach>
    </tbody>
</table>
```

# CONTRIBUTIONS OF EACH TEAM MEMBER'S

U NITHUJAYAN – 29184

userHome.jsp

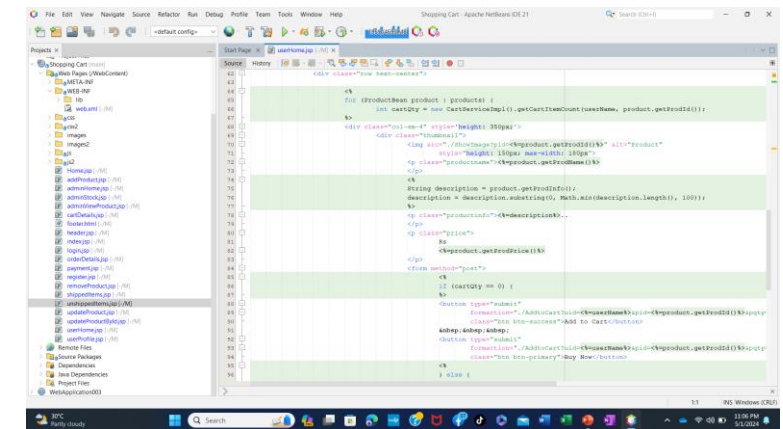
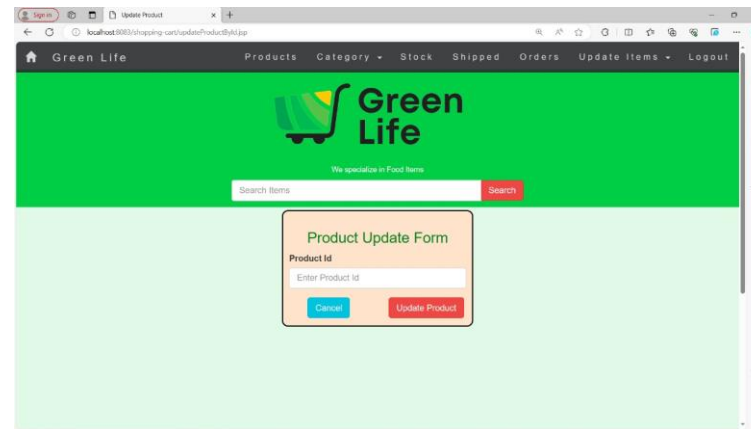
updateProductById.jsp

MailMessage.java

DBUtil.java

IDUtil.java

JavaMailUtil.java



# CONTRIBUTIONS OF EACH TEAM MEMBER'S

MMM SHAKEEF – 29287

updateProduct.jsp

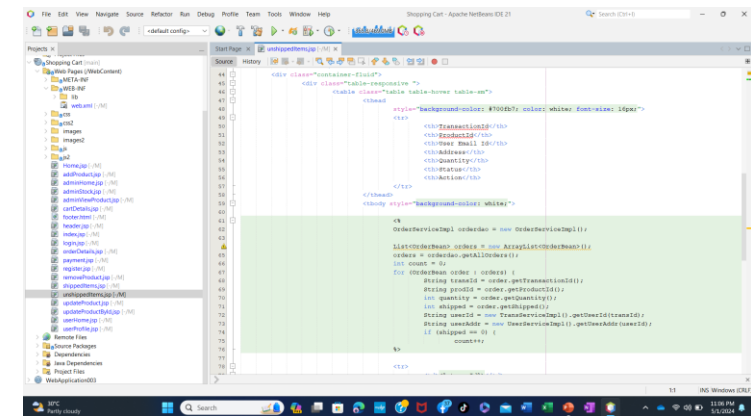
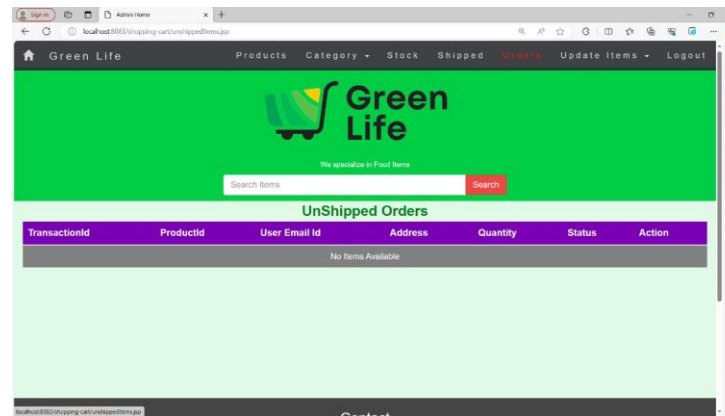
unshippedItems.jsp

UpdateProductSrv.java

UpdateToCart.java

ShipmentServlet.java

ShowImage.java



# CONTRIBUTIONS OF EACH TEAM MEMBER'S

MM MINHAZ – 28430

register.jsp

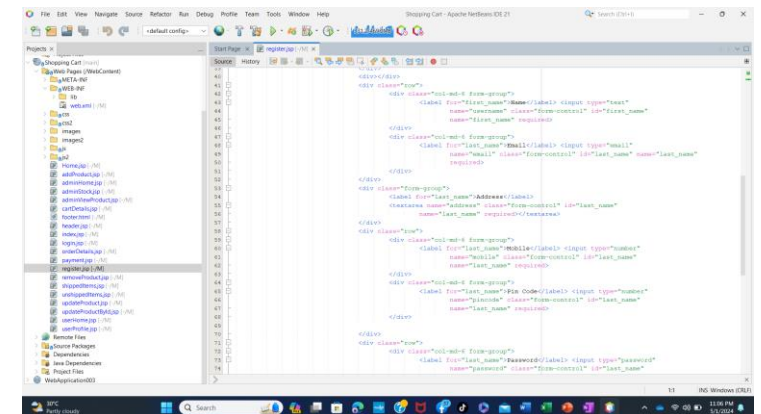
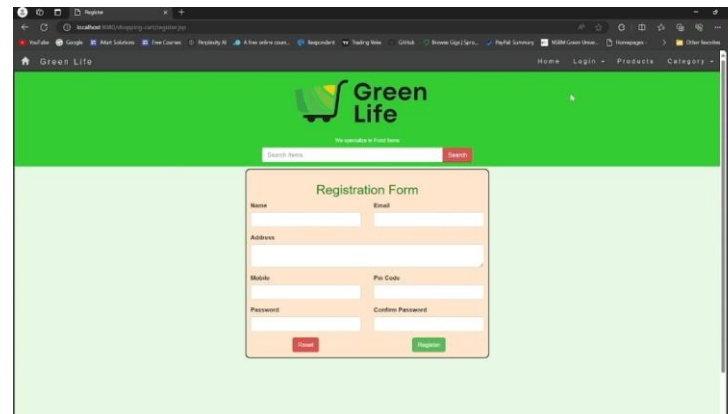
payment.jsp

LoginSrv.java

FansMessage.java

AddtoCart.java

AddProductSrv.java



# CONTRIBUTIONS OF EACH TEAM MEMBER'S

AJM NAVEETH - 28930

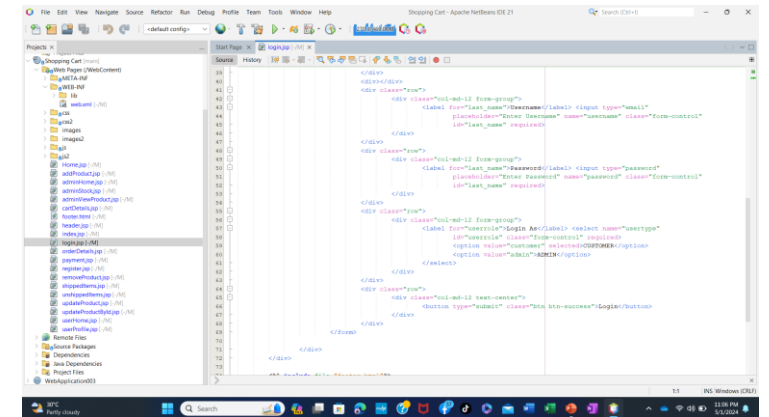
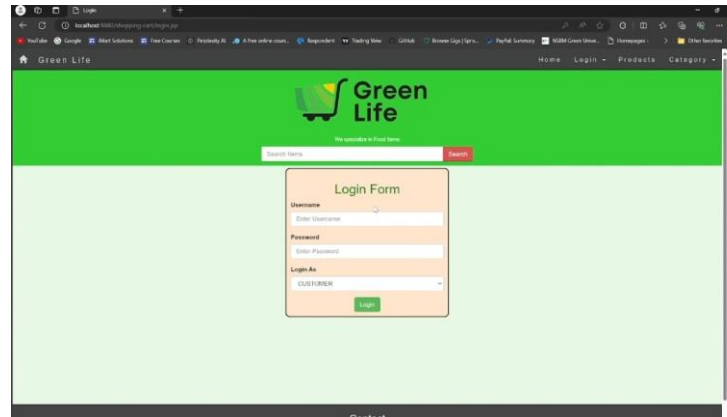
login.jsp

orderDetails.jsp

ProductServiceImpl.java

TransServiceImpl.java

UserServiceImpl.java



# CHALLENGES WE FACED

## **GITHUB**

*First of All, We all are facing GitHub Problem.*

*It means, We are planning to start our Assignment. After finish one file we are starting to upload our file in GitHub. But, We don't know deep knowledge in GitHub before. Due to that problem everyone make mistakes in upload.*

*And we didn't create each one's branch. We upload in main branch. After a week we detect, we made some mistakes in uploading in GitHub. Then we Start learning about GitHub & its function. After that, we delete that & create a new repository & upload files day by day without mistakes.*

## **CODE ERRORS & MISTAKES & OTHERS**

*We all are mainly facing these problems when start to create jsp & java files.*

*Sometimes we don't know the idea how to create a jsp file.*

*And what are the right codes we put to the particular line.*

*We face many errors when run the code after build.*

## **Interface Problem**

*We face this during the completion time of project.*

*We face an internal server error issue while running whole project.*



# HOW WE OVERCOME THAT CHALLENGES

## **GITHUB**

*After that Incident, We Start learning about GitHub & its function. After that, we delete that & create a new repository & upload files day by day without mistakes.*

## **CODE ERRORS & MISTAKES & OTHERS**

*For this problem, We learn use Google, Youtube & ChatGPT to remove that errors, and find the solution.*

## **Interface Problem**

*In this case, We diagnosing why this happened, where we made mistakes. After that we found that particular line and solve this problem including database file.*

A series of thin, light brown lines forming an abstract, overlapping geometric pattern on the left side of the slide. The lines intersect to create various polygonal shapes, some of which are filled with a very light brown color.

**THANK YOU**