ONLINE PLATFORM FOR COTTAGE INDUSTRIES

INDEX

1. INTRODUCTION

"It is not just about ideas, it's also about making ideas happen"

We have witnessed the fall of a number of enterprises, in the wake of
The global pandemic, covid-19. People, in multitudes, have lost the
security and comfort of their jobs, and have been left to fend for
themselves. But in these miserable times, we have seen a number of
entrepreneurs rise up. Homemade masks, sweets and many other
similar small businesses have taken birth. Also keeping in mind the Vocal
For Local initiative his project aims to provide
these new entrepreneurs with a platform to widen their reach. Also this
pandemic has seen the rise of shopping via the internet. This project also
aims to reach out to such people so that they can shop at the comfort of
their home as well as support these cottage industries.

2. PURPOSE

Most of these enterprises are operating from people's homes.
The majority of the entrepreneurs are women. In most cases these people
do not have good ideas about technology and how they can use it to
expand their business. In almost all cases, the
production, management, book-keeping etc is being done by only one
person. This project will take the burden of management, off the
shoulders of the entrepreneurs. Their only job would be maintaining
 improving production quality.

3. ACTOR-WISE FUNCTIONALITIES

Admin :

      Keeping in mind that this website is for cottage industries and hence assuming that the number of sellers will be less the admin can perform the following functionalities

- Can view the total number of users
- Can view the total number of categories
- Can view the total number of products
- Can add the categories which can then be used to sort the products using categories and thus will be easier for the buyer to look for the products that he/she is buying
- Can add new products by filling in details like., product title, product description, product price, product discount, product quantity, product images (can only choose one picture but the project can be expanded as and when needed)and enter the category

Buyer :

- Can Login using username and password
- Can register to the website using username, email, password, phone number and address

Seller :
- Can add new category
- Can add new products

4. REQUIREMENT ANALYSIS

4.1 REQUIREMENT SPECIFICATIONS :

The requirement for the efficient working of the project are as follows

4.1.1 Front End:

1. HTML , CSS, JS
2. Bootstrap

4.1.2 Backend:

1. Java

2. JSP, Servlets

3. Hibernate

4.1.3 Other requirements :

1. Java IDE(Eclipse)

2. MySQL Workbench

3. Tomcat Server

5. DATABASE

The database will have the tables as follows :

User :

user_id	userAddress	userEmail	user_name	user_password	user_phone	user_pic	user_type
1	Mumbai	jess@gmail.com	Jessica	jess	9876543210	default.jpg	admin
2	Delhi	sakshi@gmail.com	Sakshi	sakshi	9768540321	default.jpg	normal
3	Agra	liny@gmail.com	Liny	liny	9087563412	default.jpg	normal
4	Kolkata	ames@gmail.com	Ameaza	ames	9908765432	default.jpg	normal
5	Delhi	joe@gmail.com	Joe	joe	9911223344	default.jpg	normal
6	Mumbai	sam@gmail.com	Sam	sam	9087654321	default.jpg	normal
8	Mumbai	dan@gmail.com	Dan	dan	9606543210	default.jpg	seller

Category :

	categoryId	categoryDescription	categoryTitle
▶	8	This category contains hand-made masks.	Masks
	9	This category contains home-made cakes.	Cakes
	10	This category contains home-garden flowers.	Flowers
	11	This category contains hand-made jewellery.	Jewellery
	12	This category contains home-made pickles.	Pickles
	13	This category contains clothes	Clothes
*	NULL	NULL	NULL

Product :

	pId	pDescription	pDiscount	pName	pPhoto	pPrice	pQuantity	category_categoryId
	1	Men Pink Printed 3-Ply Reusable Cloth Mask	10	RARE RABBIT	mask.png	200	1	8
	2	Men Pink Printed 3-Ply Reusable Cloth Mask	10	RARE RABBIT	mask.png	200	1	8
▶	3	Half Kg	10	Fudge Brownie Cake	cake.png	600	1	9
	4	Arrangement of 20 Red and Pink Roses in White...	10	Red N Pink Rose Bouquet	flowers.png	900	1	10
	6	Bunch of 10 Pink Roses	10	Pinky Promise Rose Bouquet	flowers(2).png	499	1	10
	5	This pendant in sparkling zircon features the mo...	5	Silver Zircon Pendant with Link Chain	jewellery.png	999	1	11
	7	This is a home-made pickle made with boneless ...	5	HOMEMADE CHICKEN PICKLE	pickle.png	200	1	12
	8	Denim jacket	5	Fashion Classic Stitching Denim Jacket	clothes.png	500	1	13
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

6. Project Analysis :

```
v 📂 mycart
  > 🗁 src/main/java
  > 🗁 src/main/resources
    🗁 src/test/java
  > 🗎 Maven Dependencies
  > 🗎 Apache Tomcat v9.0 [Apache Tomcat v9.0]
  > 🗎 JRE System Library [J2SE-1.5]
  v 🗁 src
    v 🗁 main
      v 🗁 webapp
        > 🗁 components
        > 🗁 css
        > 🗁 img
        > 🗁 js
        > 🗁 WEB-INF
          🗎 about.jsp
          🗎 admin.jsp
          🗎 checkout.jsp
          🗎 index.jsp
          🗎 login.jsp
          🗎 message.jsp
          🗎 normal.jsp
          🗎 register.jsp
      🗁 test
  > 🗁 target
    🗎 pom.xml

v 📂 mycart
  v 🗁 src/main/java
    v 🗁 com.learn.mycart.dao
      > 🗎 CategoryDao.java
      > 🗎 ProductDao.java
      > 🗎 UserDao.java
    v 🗁 com.learn.mycart.entities
      > 🗎 Category.java
      > 🗎 Product.java
      > 🗎 User.java
    v 🗁 com.learn.mycart.helper
      > 🗎 FactoryProvider.java
      > 🗎 Helper.java
    v 🗁 comlearn.mycart.servlets
      > 🗎 LoginServlet.java
      > 🗎 LogoutServlet.java
      > 🗎 ProductOperationServlet.java
      > 🗎 RegisterServlet.java
  v 🗁 src/main/resources
    🗎 hibernate.cfg.xml
    🗁 src/test/java
  > 🗎 Maven Dependencies
  > 🗎 Apache Tomcat v9.0 [Apache Tomcat v9.0]
  > 🗎 JRE System Library [J2SE-1.5]
  > 🗁 src
  > 🗁 target
    🗎 pom.xml
```

```
🔲 Outline ⊠
    ⊞ com.learn.mycart.dao
  v 🔵 CategoryDao
      □  factory : SessionFactory
      ● CategoryDao(SessionFactory)
      ● saveCategory(Category) : int
      🔵 getCategories() <R> : List<Category>
      ● getCategoryById(int) : Category
```

```
🔲 Outline ⊠
    ⊞ com.learn.mycart.dao
  v 🔵 ProductDao
      □  factory : SessionFactory
      ● ProductDao(SessionFactory)
      ● saveProduct(Product) : boolean
      🔵 getAllProducts() : List<Product>
      🔵 getAllProductsById(int) : List<Product>
```
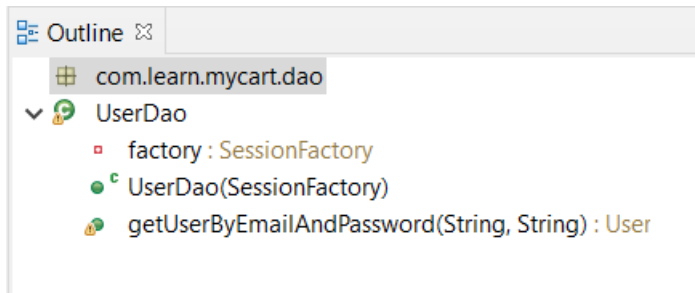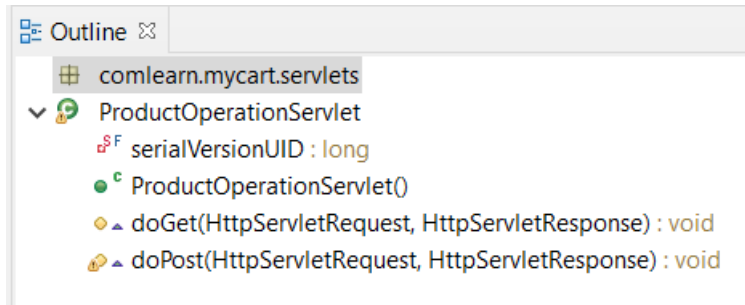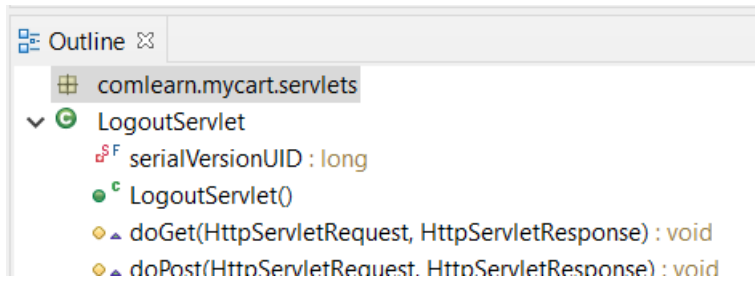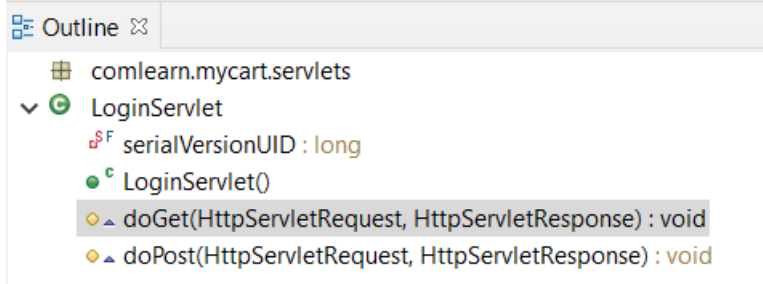
com.learn.mycart.helper

com.learn.mycart.entities

Outline ※
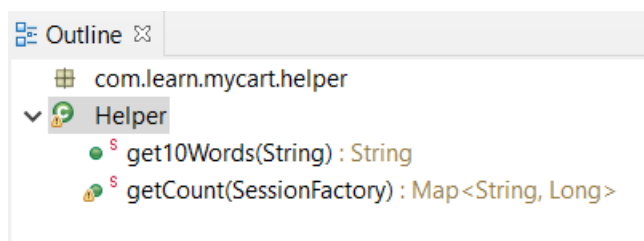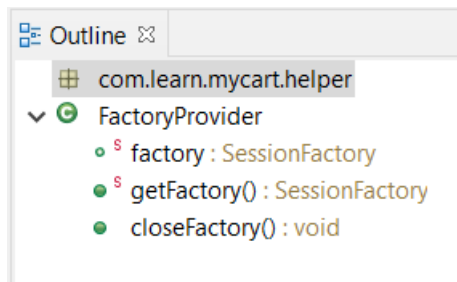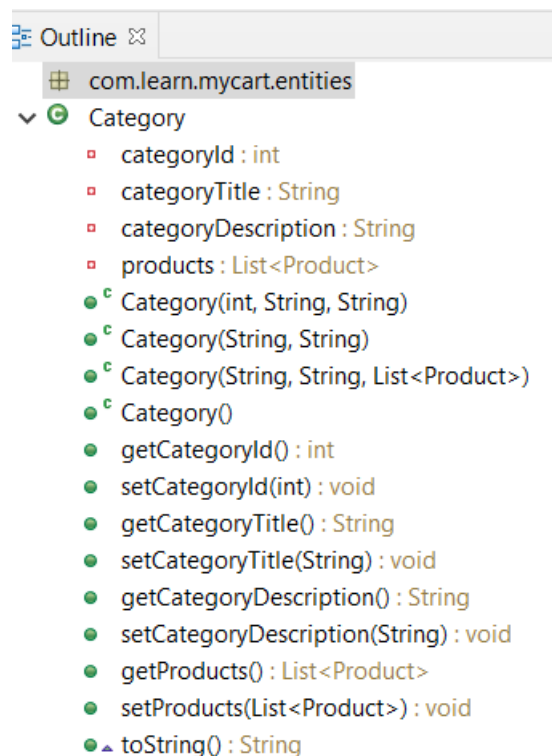
- **Product**
  - pId : int
  - pName : String
  - pDescription : String
  - pPhoto : String
  - pPrice : double
  - pDiscount : double
  - pQuantity : int
  - category : Category
  - Product(int, String, String, String, double, double, int)
  - Product(String, String, String, double, double, int, Category)
  - Product()
  - getpId() : int
  - setpId(int) : void
  - getpName() : String
  - setpName(String) : void
  - getpDescription() : String
  - setpDescription(String) : void
  - getpPhoto() : String
  - setpPhoto(String) : void
  - getpPrice() : double
  - setpPrice(double) : void
  - getpDiscount() : double
  - setpDiscount(double) : void
  - getpQuantity() : int
  - setpQuantity(int) : void
  - getCategory() : Category
  - setCategory(Category) : void
  - toString() : String
  - getPriceAfterApplyingDiscount() : int

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```
Outline ⊠

  ⊞  com.learn.mycart.entities
⌄ ⊕  User
     ▫  userId : int
     ▫  userName : String
     ▫  userPassword : String
     ▫  userPhone : String
     ▫  userPic : String
     ▫  userEmail : String
     ▫  userAddress : String
     ▫  userType : String
     ⦿ᶜ User(int, String, String, String, String, String, String, String)
     ⦿ᶜ User(String, String, String, String, String, String, String)
     ⦿ᶜ User()
     ⦿  getUserId() : int
     ⦿  setUserId(int) : void
     ⦿  getUserName() : String
     ⦿  setUserName(String) : void
     ⦿  getUserPassword() : String
     ⦿  setUserPassword(String) : void
     ⦿  getUserPhone() : String
     ⦿  setUserPhone(String) : void
     ⦿  getUserPic() : String
     ⦿  setUserPic(String) : void
     ⦿  getUserAddress() : String
     ⦿  setUserAddress(String) : void
     ⦿  getUserType() : String
     ⦿  setUserType(String) : void
     ⦿▲ toString() : String
```

com.learn.mycart.servlets

Outline ⊠

⊞ comlearn.mycart.servlets
∨ ⓖ LoginServlet
   ᔆꟳ serialVersionUID : long
   ●ᶜ LoginServlet()
   ○▲ doGet(HttpServletRequest, HttpServletResponse) : void
   ○▲ doPost(HttpServletRequest, HttpServletResponse) : void

Outline ⊠

⊞ comlearn.mycart.servlets
∨ ⓖ LogoutServlet
   ᔆꟳ serialVersionUID : long
   ●ᶜ LogoutServlet()
   ○▲ doGet(HttpServletRequest, HttpServletResponse) : void
   ○▲ doPost(HttpServletRequest, HttpServletResponse) : void

Outline ⊠

⊞ comlearn.mycart.servlets
∨ 🔒 ProductOperationServlet
   ᔆꟳ serialVersionUID : long
   ●ᶜ ProductOperationServlet()
   ○▲ doGet(HttpServletRequest, HttpServletResponse) : void
   🔒▲ doPost(HttpServletRequest, HttpServletResponse) : void

Outline ⊠

⊞ comlearn.mycart.servlets
∨ ⓖ RegisterServlet
   ᔆꟳ serialVersionUID : long
   ●ᶜ RegisterServlet()
   ○▲ doGet(HttpServletRequest, HttpServletResponse) : void
   ○▲ doPost(HttpServletRequest, HttpServletResponse) : void

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7. SCREENSHOTS

Home Page

Shop By Category Page :

About us page :

About us

It is not just about ideas, it's also about making ideas happen

We have witnessed the fall of a number of enterprises, in the wake of The global pandemic, covid-19. People, in multitudes, have lost the Security and comfort of their jobs, and have been left to fend for themselves. But in these miserable times, we have seen a number of Entrepreneurs rise up. Homemade masks, sweets and many other Similar small business have taken birth. This project aims to provide These new entrepreneurs with a platform to widen their reach..

Mission Statement

Most of these enterprises are operating from peoples homes. A Majority of the entrepreneurs are women. In almost all cases, the Production, management, book-keeping etc is being done by only one Person. This project will take the burden of management, off the Shoulders of the entrepreneurs. Their only job would be maintaining / improving production quality.

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Our Team

J

Jesica Dsouza
8933 SE COMPS B

S

Sakshi Shetty
8972 SE COMPS B

A

Ameaza Rodrigues
8967 SE COMPS B
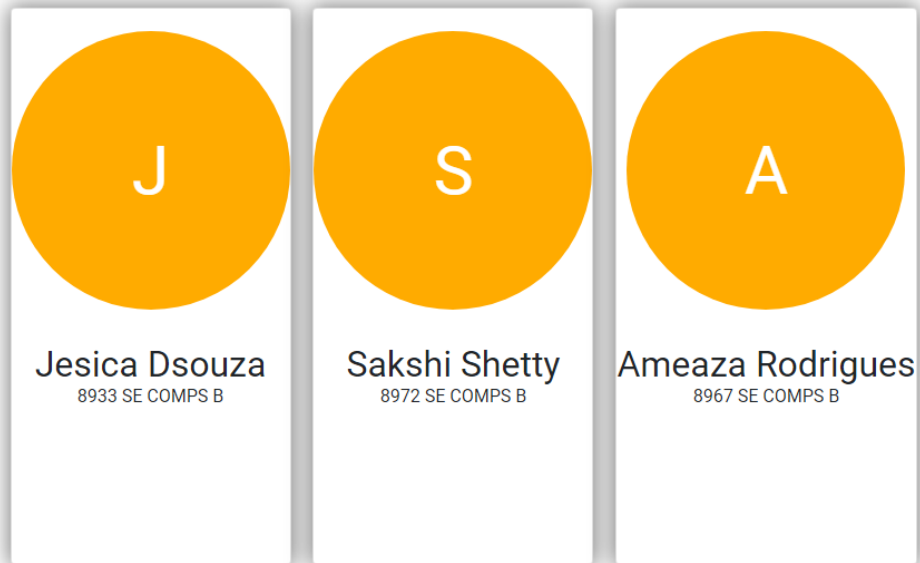
Login Page :

User can login by entering email address and valid password :

Home   🛒 (0

Login here

Email address

We'll never share your email with anyone else.

Password

New User?Click to register

Submit   Reset

Registration Page :

Sign up here

Username

Enter username

E-mail

Enter username

Password

Enter password

Phone No.

Enter phone no

Address

Enter Address

Already registered?Click here

Register   Reset

ADMIN PAGE (Here the admin can view the actual count of the users, categories and products. Also, add new categories & products)

Meraki About us Home   🛒(0) Jessica Logout

6
Users

6
Categories

8
Products

Click here to add new category
Add Category
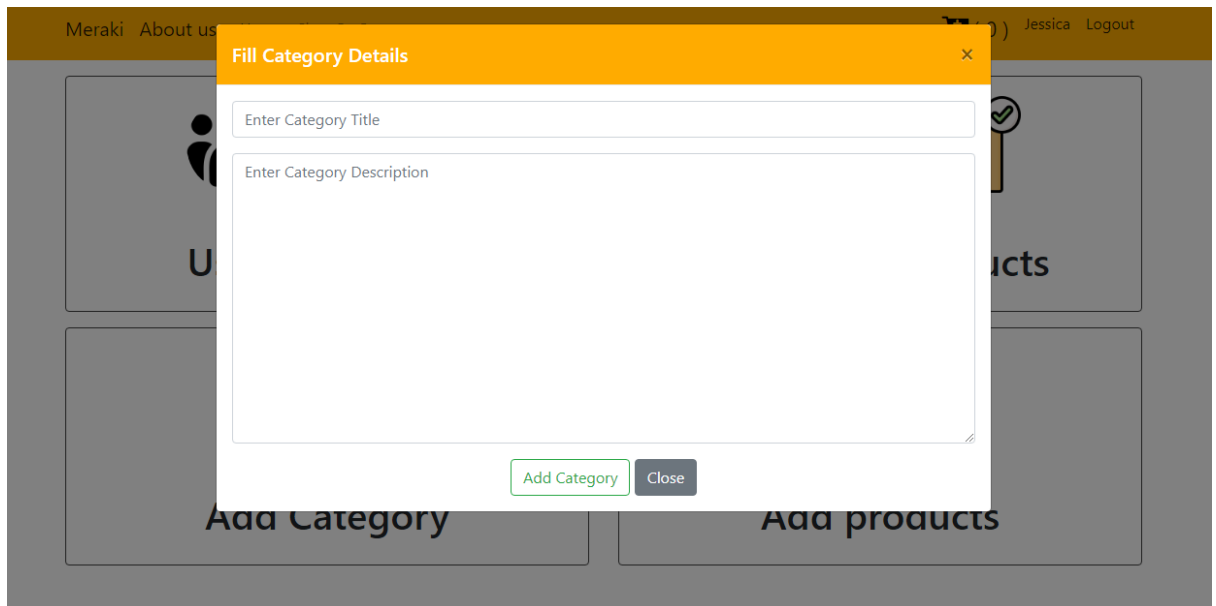
Click here to add new products
Add products
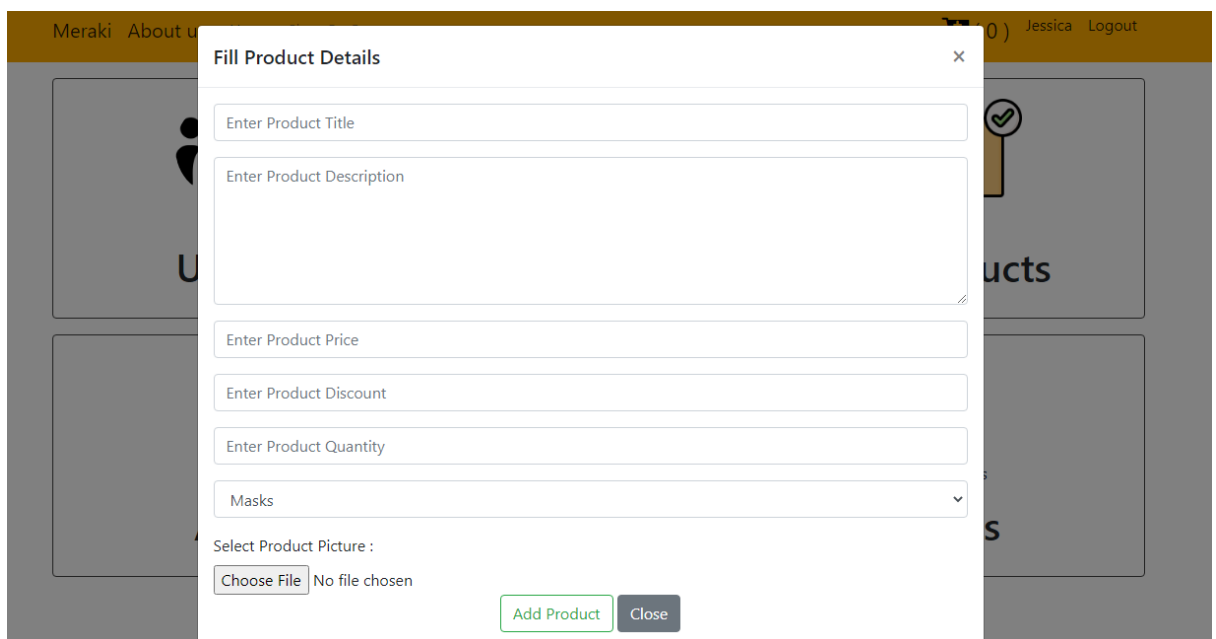
Add Category form :
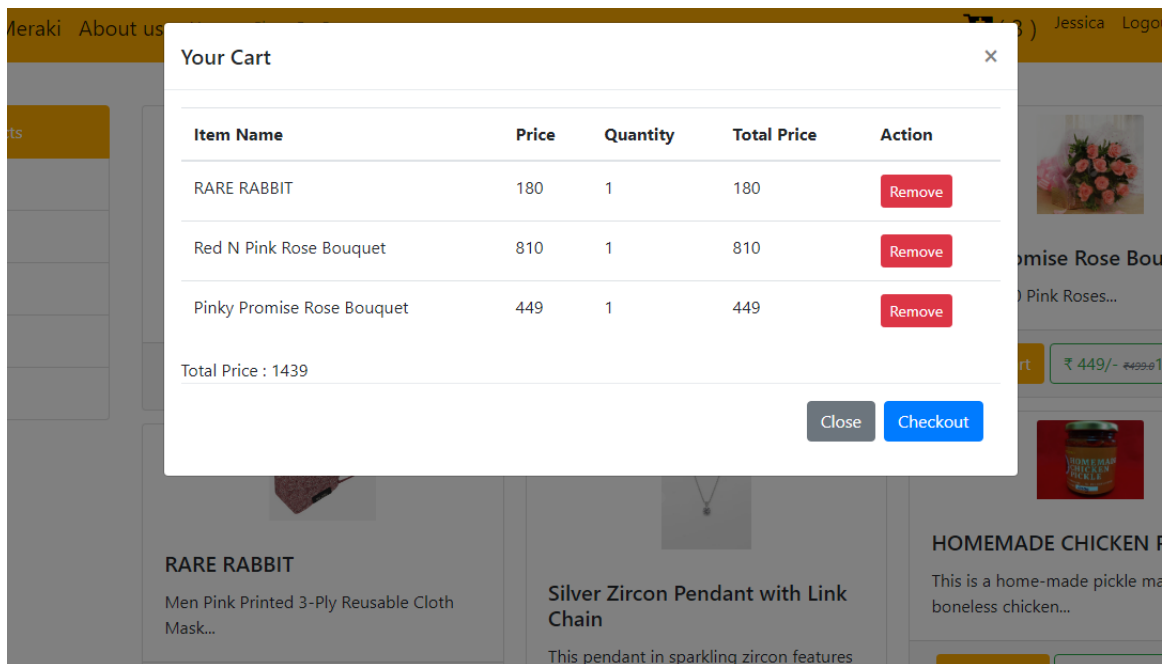

Add Product Form :

Seller Page:

The folder in which all the product images are saved :
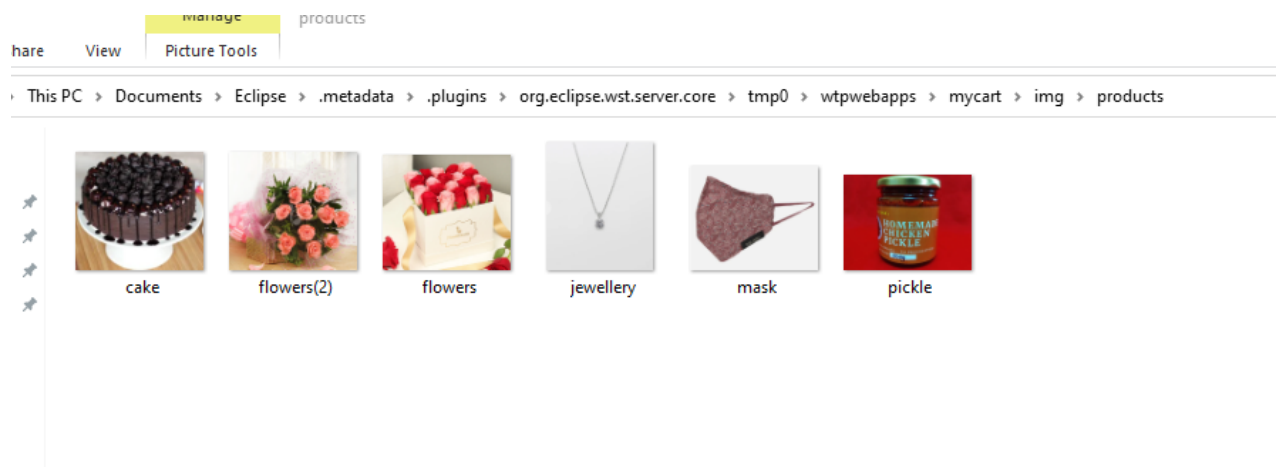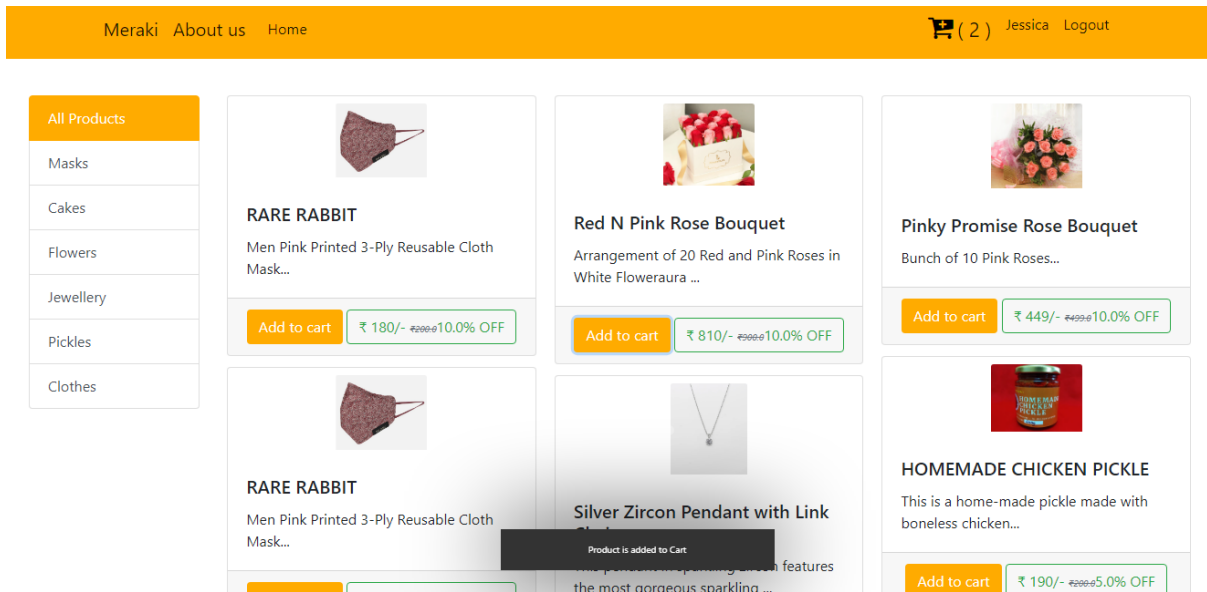
CART :

CheckOut Page :

Billing Address

First Name
Last Name

Jessica
Dsouza

Email

jess@gmail.com

Address

	Select
123abc	Mumbai
	Chennai
	Banglore

Address 2 (Optional)
	Delhi
	Uttarakhand
Flat No	Nashik
	Nagpur

Country
| | Karnataka | Postcode |
| | Kolkata | |

India ∨   Select ∨   Select ∨

☐ Shipping address is the same as my billing address
☐ Save this information for next time

Order Placed   ✕

Wohooo!! ORDER PLACED

                                    Back to Home

☑ Save this information for next time

Payment

◉ Credit Card
○ Debit Card
○ PayPal

Name on card   Card Number

Jessica Dsouza   1234 5678 9012

Expire Date   Security Number

11/25   123

                    Your order has been placed successfully!

                    Place Order