

Date	07/11/2022
Project Name	Smart Fashion Recommender Application
Team ID	PNT2022TMID30355

Sprint 1

Code & Test case

Index.html

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

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

```
  <title>RST/Home</title>
```

```
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
```

```
  <link rel="stylesheet" href="https://rakesh87.s3.us-east.cloud-object-storage.appdomain.cloud/style.css">
```

```
</head>
```

```
<body>
```

```
  <section id="header">
```

```
    <a href="#"></a>
```

```
  <div>
```

```
    <ul id="navbar">
```

```
      <li><a class="active" href="index.html">Home</a></li>
```

```
      <li><a href="products.html">Products</a></li>
```

```
<li><a href="blog.html">Blog</a></li>

<li><a href="about.html">About</a></li>

<li><a href="contact.html">Contact</a></li>

<li><a href="cart.html"><i class="fa fa-shopping-bag"></i></a></li>

<li><a href="register.html"><i class="fa fa-user-secret"></i></a></li>

</ul>

</section>
```

```
<section id="hero">

  <h4>"Happiness Depends Upon Ourselves"</h4>

  <h2>Smart Fashion Recommender</h2>

  <h1>Application</h1>

  <p>Dress Up In Confidence</p>

  <button class="normal">Shop now</button>

</section>
```

```
<section id="feature" class="section-p1">

  <div class="fe-box">

    <h6>Free Shipping</h6>

  </div>

  <div class="fe-box">

    <h6>Online Order</h6>

  </div>

  <div class="fe-box">

    
```



```
<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

<i class="fa fa-star"></i>

</div>

<h4>₹1500</h4>

</div>

<a href="#"><i class="fa fa-shopping-bag bag"></i></a>

</div>

<div class="pro">

  <div class="des">

    <span>U.S.Polo Assnn</span>

    <h5>Blue strip T-Shirts</h5>

    <div class="star">

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

    </div>

    <h4>₹1570</h4>

  </div>

  <a href="#"><i class="fa fa-shopping-bag bag"></i></a>

</div>

<div class="pro">

  <div class="des">
```

```
<span>Zara</span>

<h5>Plain T-Shirts</h5>

<div class="star">

    <i class="fa fa-star"></i>

    <i class="fa fa-star"></i>

    <i class="fa fa-star"></i>

    <i class="fa fa-star"></i>

    <i class="fa fa-star"></i>

</div>

<h4>₹1400</h4>

</div>

<a href="#"><i class="fa fa-shopping-bag bag"></i></a>

</div>

<div class="pro">

    <div class="des">

        <span>Ruralking</span>

        <h5>Checked T-Shirts</h5>

        <div class="star">

            <i class="fa fa-star"></i>

            <i class="fa fa-star"></i>

            <i class="fa fa-star"></i>

            <i class="fa fa-star"></i>

            <i class="fa fa-star"></i>

        </div>

        <h4>₹2000</h4>

    </div>

    <a href="#"><i class="fa fa-shopping-bag bag"></i></a>

</div>
```

```
<div class="pro">

  <div class="des">

    <span>Banarasi</span>

    <h5>Georgette Bandhani Rama Blue & Olive Green Saree</h5>

    <div class="star">

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

    </div>

    <h4>₹10,000</h4>

  </div>

  <a href="#"><i class="fa fa-shopping-bag bag"></i></a>

</div>

<div class="pro">

  <div class="des">

    <span>Banarasi</span>

    <h5>Banarasi Silk Jaal Dark Maroon Saree</h5>

    <div class="star">

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

    </div>

    <h4>₹9000</h4>

  </div>

  <a href="#"><i class="fa fa-shopping-bag bag"></i></a>

</div>
```

```
</div>

<a href="#"><i class="fa fa-shopping-bag bag"></i></a>

</div>

<div class="pro">

  <div class="des">

    <span>Banarasi</span>

    <h5>Banarasi Silk Buttis Yellow Saree</h5><br>

    <div class="star">

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

    </div>

    <h4>₹8000</h4>

  </div>

  <a href="#"><i class="fa fa-shopping-bag bag"></i></a>

</div>

<div class="pro">

  <div class="des">

    <span>Banarasi</span>

    <h5>Banarasi Silk Jaal Purple Saree</h5><br>

    <div class="star">

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

    </div>

  </div>

</div>
```



```
        <i class="fa fa-star"></i>

        <i class="fa fa-star"></i>

    </div>

    <h4>₹6000</h4>

</div>

<a href="#"><i class="fa fa-shopping-bag bag"></i></a>

</div>

<div class="pro">

    <div class="des">

        <span>Bata</span>

        <h5>Brown leather shoe</h5>

        <div class="star">

            <i class="fa fa-star"></i>

            <i class="fa fa-star"></i>

            <i class="fa fa-star"></i>

            <i class="fa fa-star"></i>

            <i class="fa fa-star"></i>

        </div>

        <h4>₹8000</h4>

    </div>

    <a href="#"><i class="fa fa-shopping-bag bag"></i></a>

</div>

<div class="pro">

    <div class="des">

        <span>Nike</span>
```

```
<h5>Sandle High Heel</h5>

<div class="star">

    <i class="fa fa-star"></i>

    <i class="fa fa-star"></i>

    <i class="fa fa-star"></i>

    <i class="fa fa-star"></i>

    <i class="fa fa-star"></i>

</div>

<h4>₹6600</h4>

</div>

<a href="#"><i class="fa fa-shopping-bag bag"></i></a>

</div>

<div class="pro">

    <div class="des">

        <span>Walkaroo</span>

        <h5>Brown High Heel</h5>

        <div class="star">

            <i class="fa fa-star"></i>

            <i class="fa fa-star"></i>

            <i class="fa fa-star"></i>

            <i class="fa fa-star"></i>

            <i class="fa fa-star"></i>

        </div>

        <h4>₹7800</h4>

    </div>

    <a href="#"><i class="fa fa-shopping-bag bag"></i></a>

</div>
```

```
<div class="pro">

  <div class="des">

    <span>Zara</span>

    <h5>Black Smile T-Shirts</h5>

    <div class="star">

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

    </div>

    <h4>₹900</h4>

  </div>

  <a href="#"><i class="fa fa-shopping-bag bag"></i></a>

</div>

<div class="pro">

  <div class="des">

    <span>Zara</span>

    <h5>Pink dog T-Shirts</h5>

    <div class="star">

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

    </div>

    <h4>₹900</h4>

  </div>

  <a href="#"><i class="fa fa-shopping-bag bag"></i></a>

</div>
```

```
</div>

<a href="#"><i class="fa fa-shopping-bag bag"></i></a>

</div>

<div class="pro">

  <div class="des">

    <span>Zara</span>

    <h5>Black and White Trendy Shirt</h5>

    <div class="star">

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

    </div>

    <h4>₹1500</h4>

  </div>

  <a href="#"><i class="fa fa-shopping-bag bag"></i></a>

</div>

<div class="pro">

  <div class="des">

    <span>Zara</span>

    <h5>Green Panda Shirt</h5>

    <div class="star">

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

      <i class="fa fa-star"></i>

    </div>

  </div>

</div>
```

```
        <i class="fa fa-star"></i>
    </div>

    <h4>₹600</h4>

</div>

<a href="#"><i class="fa fa-shopping-bag bag"></i></a>

</div>

</div>

</section>
```

```
<section id="sm-banner" class="section-p1">

    <div class="banner-box">

        <h4>Crazy Deals</h4>

        <h2>Buy 1 get 1 free</h2>

        <span>The best classic dress is on sale at U Nik</span>

        <a href="products.html"><button class="white">Learn More </button></a>

    </div>

    <div class="banner-box banner-box2">

        <h4>spring/summer</h4>

        <h2>upcommig seasons</h2>

        <span>The best classic dress is on sale at U Nik</span>

        <a href="blog.html"><button class="white">Collection</button></a>

    </div >

</section>
```

```
<section id="banner3">

    <div class="banner-box">

        <h2>SEASONAL SALE</h2>

        <h3>Winter collection 50% off</h3>

    </div >
```

```
<div class="banner-box banner-box2">

  <h2>SEASONAL SALE</h2>

  <h3>Winter collection 50% off</h3>
```

```
</div >
```

```
<div class="banner-box banner-box3">

  <h2>SEASONAL SALE</h2>

  <h3>Winter collection 50% off</h3>
```

```
</div >
```

```
</section>
```

```
<section id="newsletter" class="section-p1">
```

```
<div class="newstext">
```

```
<h4>Sign up for NewsLetters</h4>
```

```
<p>Get Email updates about our latest shop and <span>special offer</span>
```

```
</p>
```

```
</div>
```

```
<div class="form">
```

```
<input type="text" placeholder="Your E-mail Address">
```

```
<button class="normal">Sign Up</button>
```

```
</div>
```

```
</section>
```

```
<footer class="section-p1">
```

```
<div class="col">
```

```

```

```
<h4>Contact</h4>
```

```
<p><strong>E-Mail: </strong>rstsmartfashion@gmail.com</p>
```

```
<p><strong>Phone: </strong>1234567890</p>
```

```
<div class="follow">

  <h4>Follow us</h4>

  <div class="icon">

    <i class="fa fa-facebook-f"></i>

    <i class="fa fa-twitter"></i>

    <i class="fa fa-instagram"></i>

    <i class="fa fa-pinterest-p"></i>

    <i class="fa fa-youtube"></i>

  </div>

</div>

</div>
```

```
<div class="col">

  <h4>About</h4>

  <a href="#">About us</a>

  <a href="#">Delivery Information</a>

  <a href="#">Privacy Policy</a>

  <a href="#">Terms & Conditions</a>

  <a href="#">Contact us</a>

</div>
```

```
<div class="col">

  <h4>My Account</h4>

  <a href="#">Sign In</a>

  <a href="#">View Cart</a>

  <a href="#">My Wishlist</a>

  <a href="#">Track my order</a>

  <a href="#">Help</a>

</div>
```

</footer>

<div class="copyright">

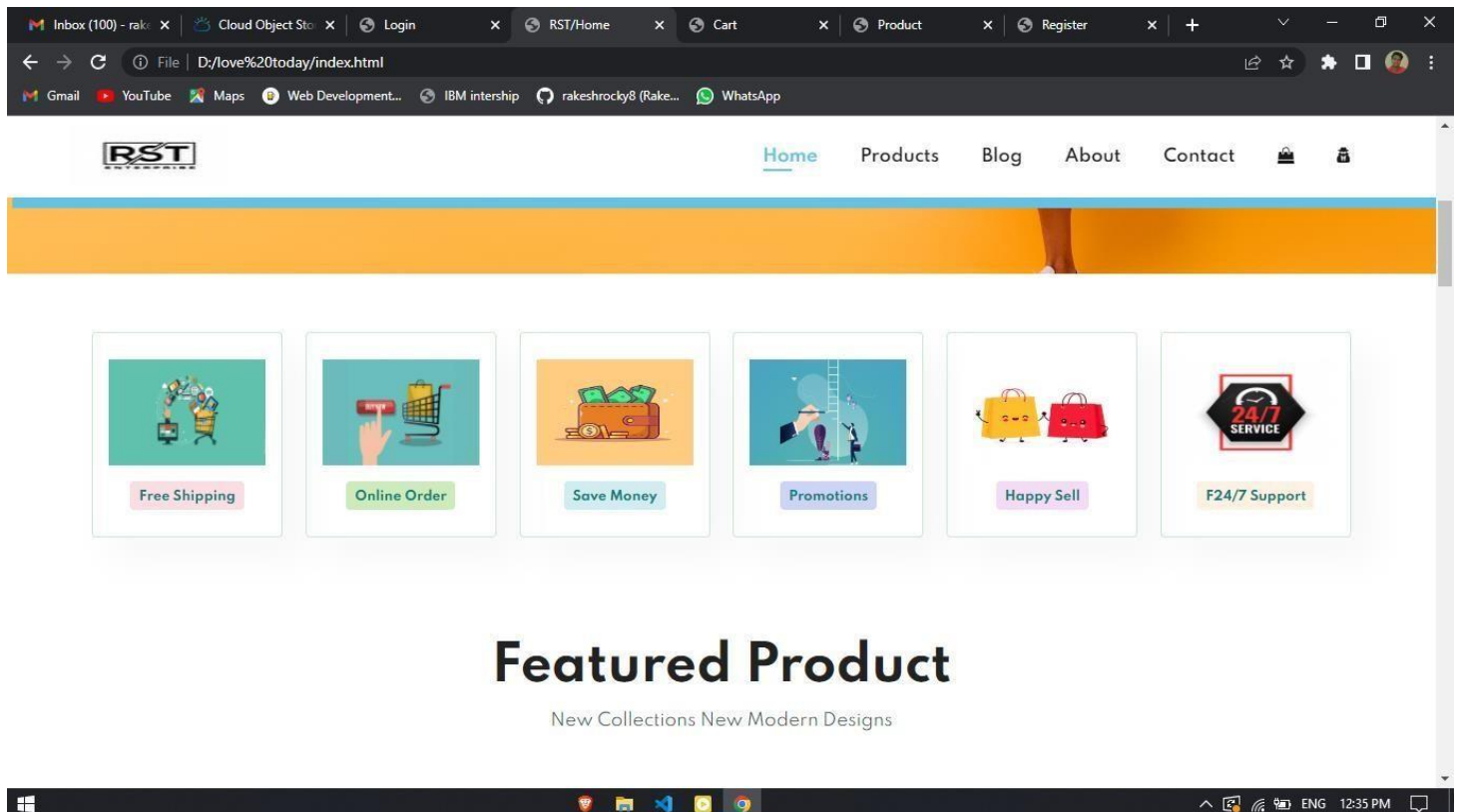
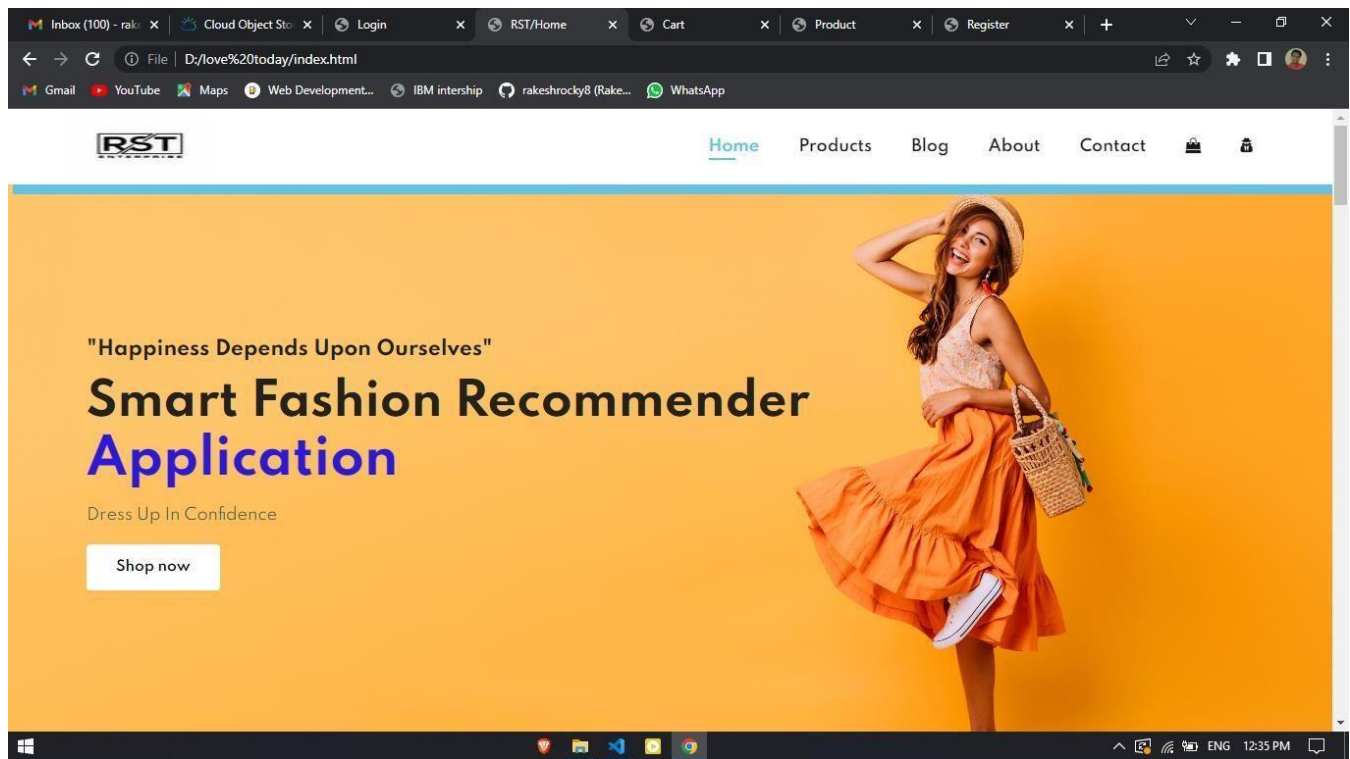
<center><p>© 2022, PNT2022TMI36870 - Smart Fashion Recommender Application
</p></center>

</div>

<script src="script.js"></script>

</body>

</html>




Inbox (100) - rak... Cloud Object Sto... Login RST/Home Cart Product Register +


File | D:/love%20today/index.html

Gmail YouTube Maps Web Development... IBM intership rakeshrocky8 (Rake... WhatsApp


RST Home Products Blog About Contact




Attitude
Blue n Brown T-Shirts
★★★★★
₹1500







U.S. Polo Assn
Blue strip T-Shirts
★★★★★
₹1570



Zara
Plain T-Shirts
★★★★★
₹1400



Ruralalking
Checked T-Shirts
★★★★★
₹2000




Windows Taskbar: 12:35 PM

Inbox (100) - rak... Cloud Object Sto... Login RST/Home Cart Product Register +


File | D:/love%20today/index.html

Gmail YouTube Maps Web Development... IBM intership rakeshrocky8 (Rake... WhatsApp


RST Home Products Blog About Contact




Banarasi
Georgette Bandhani Rama Blue & Olive Green Saree
★★★★★
₹10,000



Banarasi
Banarasi Silk Jaal Dark Maroon Saree
★★★★★
₹9000

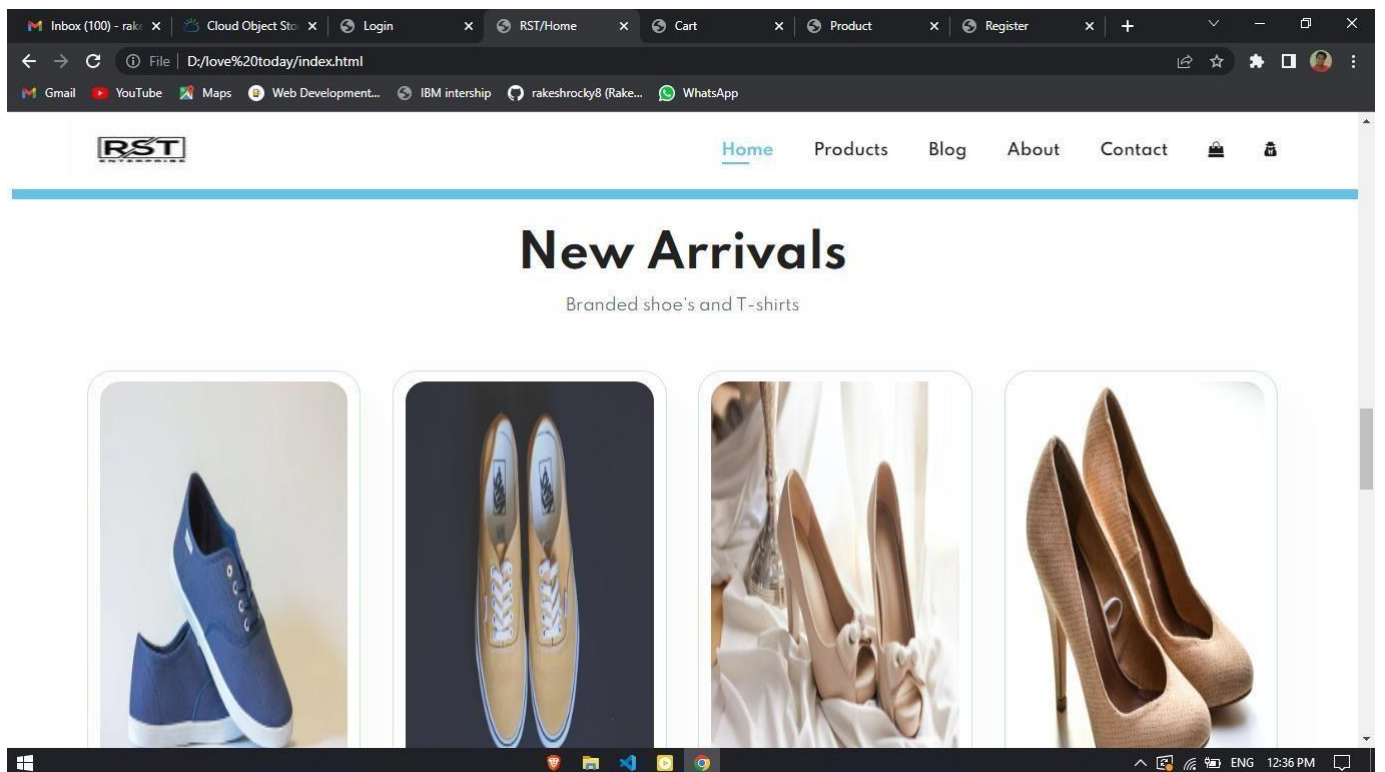
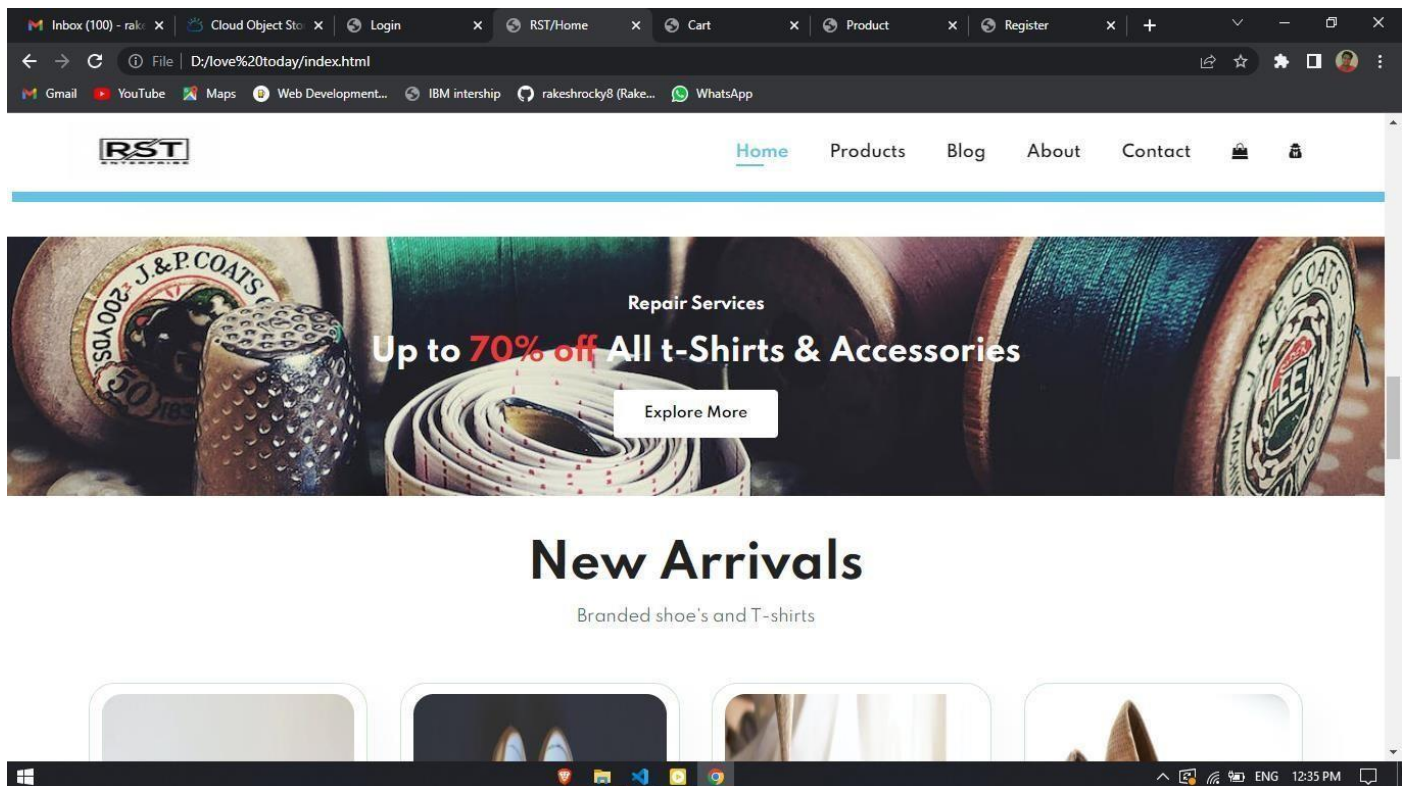


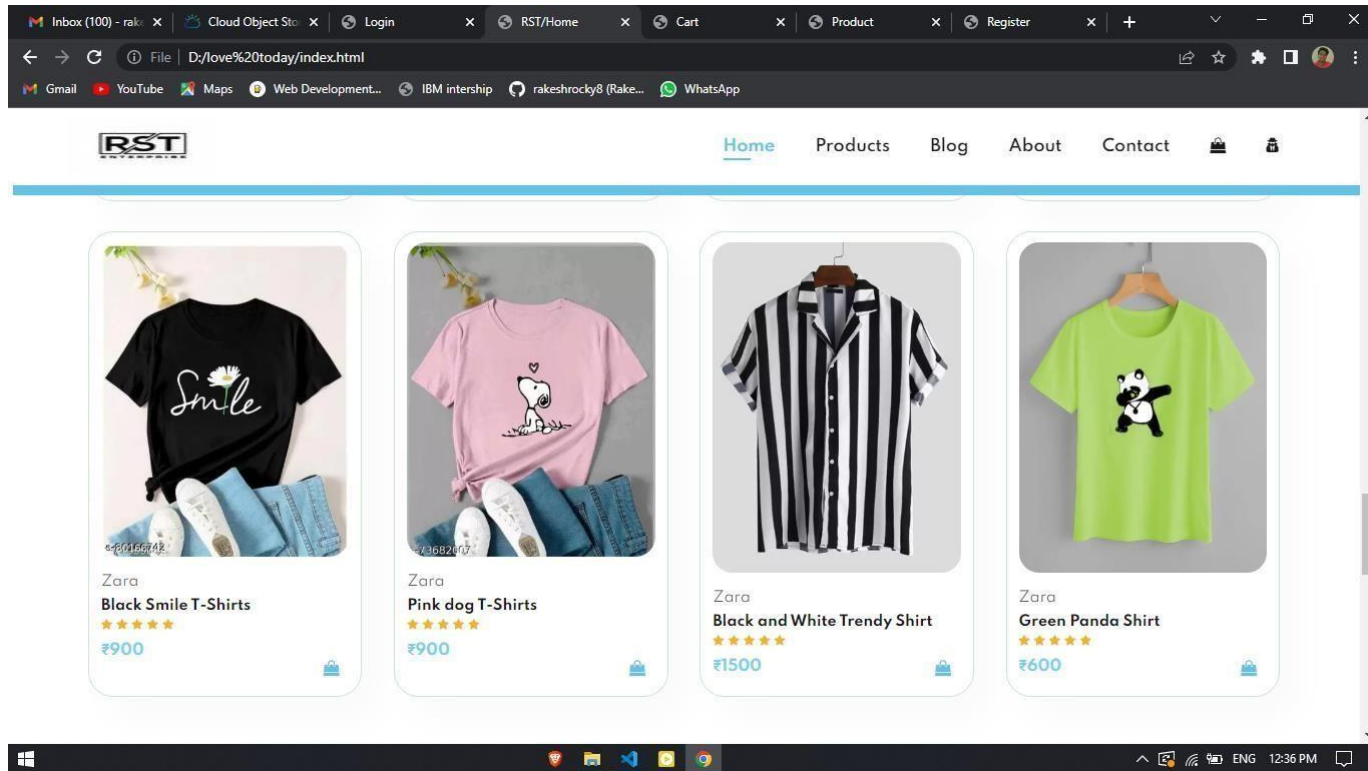
Banarasi
Banarasi Silk Buttis Yellow Saree
★★★★★
₹8000



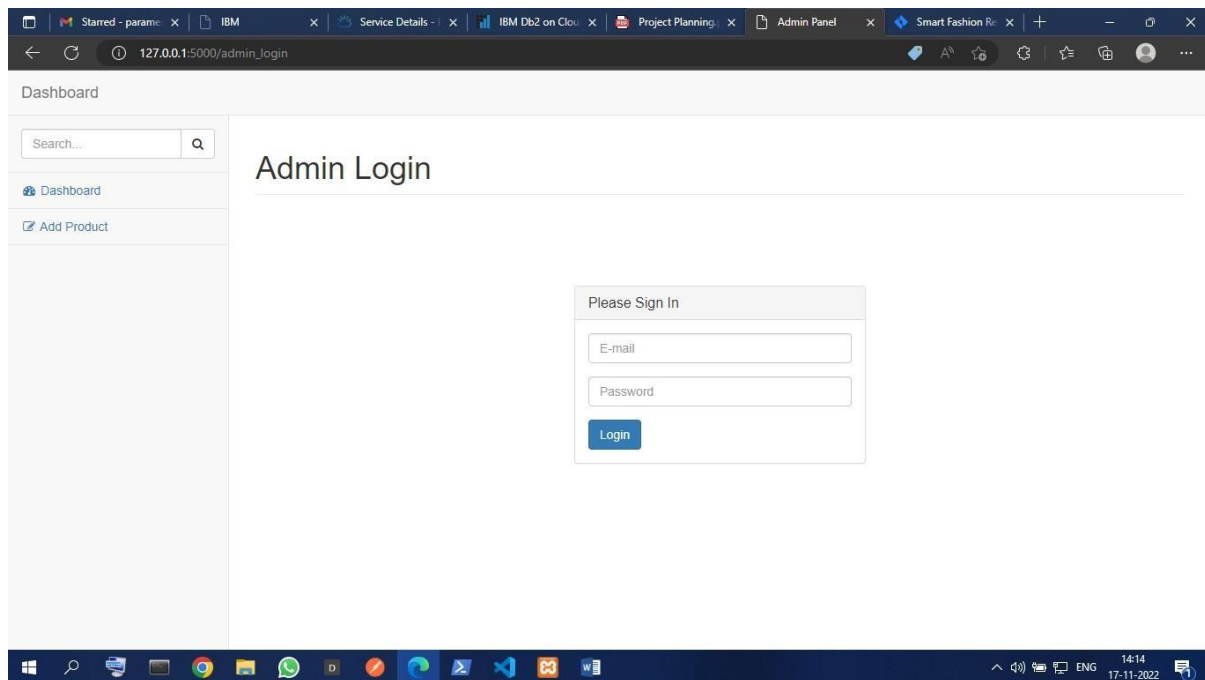
Banarasi
Banarasi Silk Jaal Purple Saree
★★★★★
₹6000

Windows Taskbar: 12:35 PM





Creating UI for Admin PanelAdmin Login



Admin Panel

Starred - parameshwaran

IBM

Service Details -

IBM Db2 on Cloud

Project Planning -

Admin Panel

Smart Fashion Re

127.0.0.1:5000/admin

parameshwaran

Search...

Dashboard

Add Product

21
All Product
View Details

6
All Users
View Details

24
All Orders
View Details

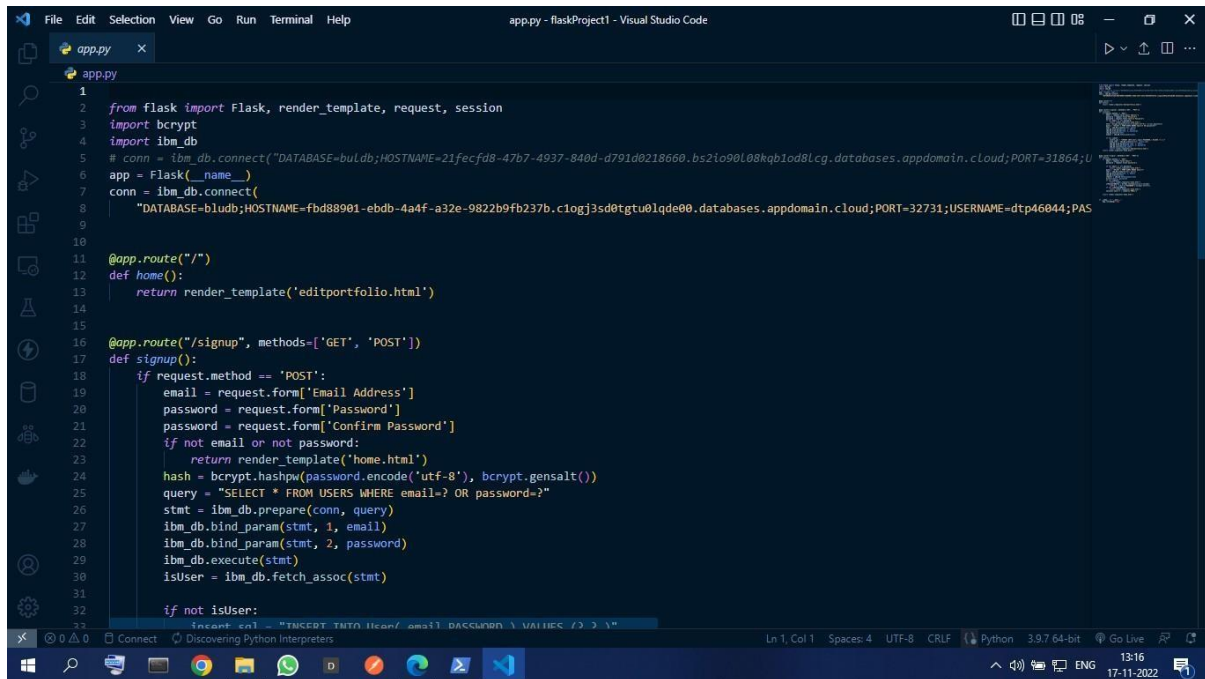
All Product List

Id	Name	Price	Description	Available	Category	Item	Code	Picture
1	T-Shirt	120	T-Shirt	4	tshirt	t-shirt	t-007	Edit
2	Baborry wallet	6000	Baborry-Double-Zipper-Coin-Bag-RFID-Blocking-Men-Wallets-New-Brand-PU-Leather-Wallet-Money-Purses	3	wallet	wallet	w-004	Edit
3	Loafer Shoes	2000	Loafer black shoes	8	shoes	shoes	s-001	Edit
4	Artificial Belt	1200	Black artificial belt	9	belt	belt	b-001	Edit
5	Polo T-	500	Polo t-shirt	10	tshirt	t-shirt	s-002	Edit

14:14

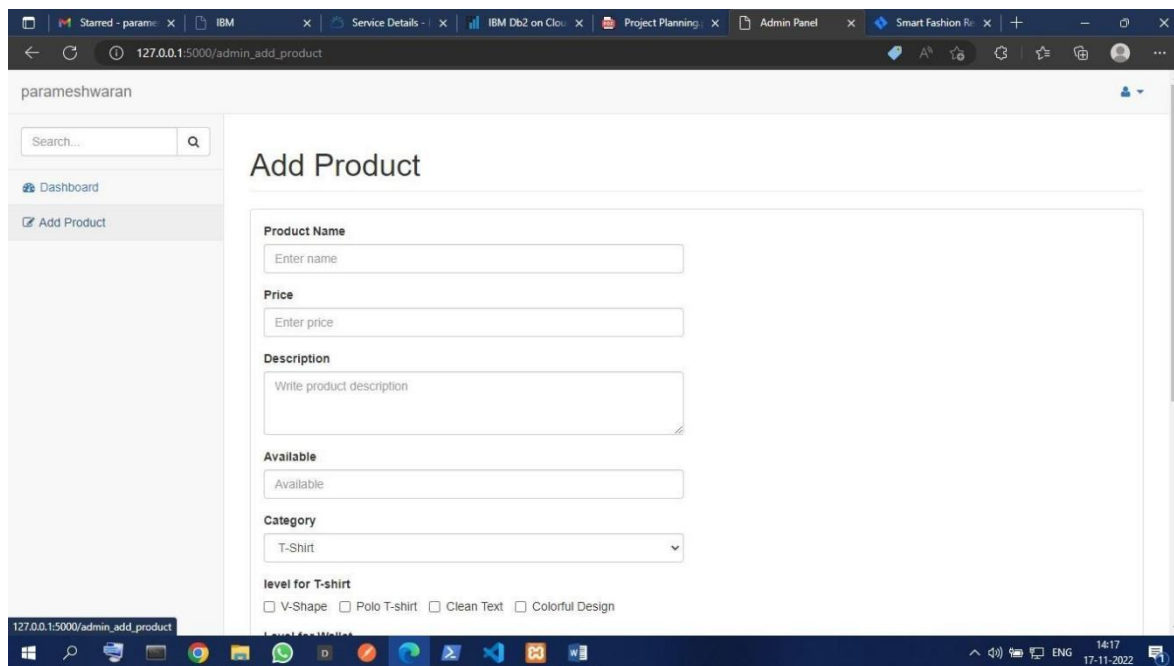
17-11-2022

Creating database connection for admin panel



```
1
2 from flask import Flask, render_template, request, session
3 import bcrypt
4 import ibm_db
5 # conn = ibm_db.connect("DATABASE=buldb;HOSTNAME=21fecfd8-47b7-4937-840d-d791d0218660.bs2io90l08kqb1ad8lcg.databases.appdomain.cloud;PORT=31864;U
6 app = Flask(__name__)
7 conn = ibm_db.connect(
8     "DATABASE=bludb;HOSTNAME=fbd88901-ebdb-4a4f-a32e-9822b9fb237b.c1ogj3sd0tgu0lqde00.databases.appdomain.cloud;PORT=32731;USERNAME=dt46044;PAS
9
10
11 @app.route("/")
12 def home():
13     return render_template('editportfolio.html')
14
15
16 @app.route("/signup", methods=['GET', 'POST'])
17 def signup():
18     if request.method == 'POST':
19         email = request.form['Email Address']
20         password = request.form['Password']
21         password = request.form['Confirm Password']
22         if not email or not password:
23             return render_template('home.html')
24         hash = bcrypt.hashpw(password.encode('utf-8'), bcrypt.gensalt())
25         query = "SELECT * FROM USERS WHERE email=? OR password=?"
26         stmt = ibm_db.prepare(conn, query)
27         ibm_db.bind_param(stmt, 1, email)
28         ibm_db.bind_param(stmt, 2, password)
29         ibm_db.execute(stmt)
30         isUser = ibm_db.fetch_assoc(stmt)
31
32         if not isUser:
33             insert_stmt = "INSERT INTO Users (email, password) VALUES (?, ?)"
```

Completing the Admin panelAdd Product



parameshwaran

Search...

Dashboard

Add Product

Add Product

Product Name

Price

Description

Available

Category

level for T-shirt
☐ V-Shape ☐ Polo T-shirt ☐ Clean Text ☐ Colorful Design

Dashboard

The dashboard shows a search bar, navigation links for 'Dashboard' and 'Add Product', and three summary cards: 'All Product' (21), 'All Users' (6), and 'All Orders' (24). Below these is a table titled 'All Product List' with columns for Id, Name, Price, Description, Available, Category, Item, Code, and Picture.

Id	Name	Price	Description	Available	Category	Item	Code	Picture
1	T-Shirt	120	T-Shirt	4	tshirt	t-shirt	t-007	Edit
2	Baborry wallet	6000	Baborry-Double-Zipper-Coin-Bag-RFID-Blocking-Men-Wallets-New-Brand-PU-Leather-Wallet-Money-Purses	3	wallet	wallet	w-004	Edit
3	Loafer Shoes	2000	Loafer black shoes	8	shoes	shoes	s-001	Edit
4	Artificial Belt	1200	Black artificial belt	9	belt	belt	b-001	Edit
5	Polo T-	500	Polo t-shirt	10	tshirt	t-shirt	s-002	Edit

Creating Chat Bot for application

The interface displays a 'Preview assistant' section with a 'Sample website' background. A chat bubble is overlaid on the website, showing a welcome message from 'Sundari Shopping' and a text input field. The chat bubble includes a profile picture, a greeting, a question, a text input field, and a 'Dress' button. The bottom of the chat bubble says 'Built with IBM Watson'.

Adding Features of Chat Bot

Starred - param: x IBM IBM Cloud Conta x IBM Watson Assi x Project Planning x Admin Panel x Smart Fashion Re x

https://eu-gb.assistant.watson.cloud.ibm.com/crm%3Av1%3Abluemix%3Apublic%3Aconversation%3Aeu-gb%3Aa%2F4bf3710cab7445981e8d6...

IBM Watson Assistant Lite Upgrade SHOPPING BOT by... Learning center

Actions

Actions

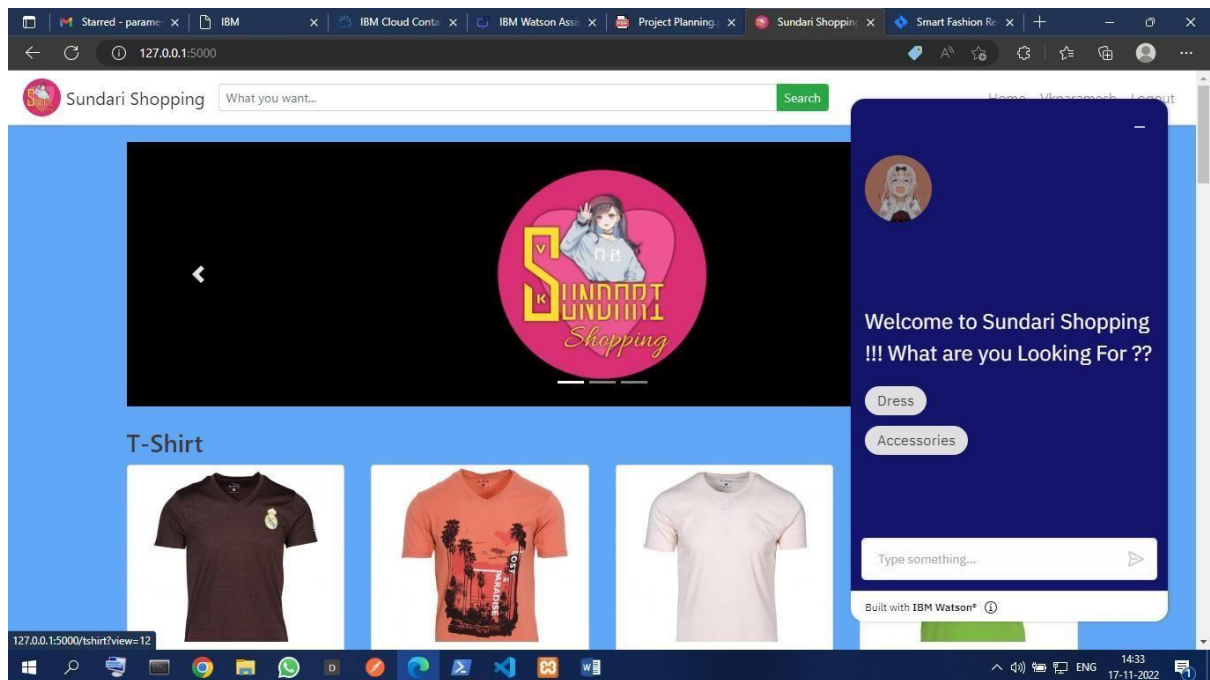
- Created by you
 - Set by assistant
- Variables
 - Created by you
 - Set by assistant
 - Set by integration
- Saved responses

Name	Last edited	Examples Count	Status
Dress	a month ago	1	Success
Accessories	a month ago	1	Success

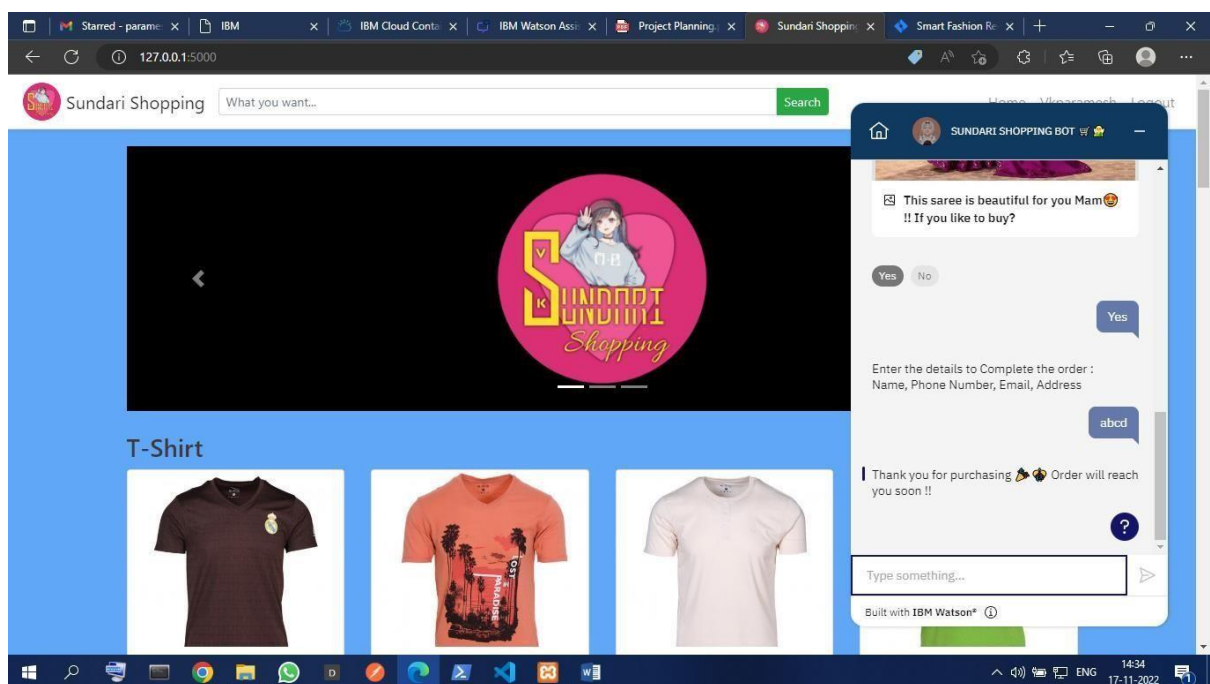
Items per page: 50 Showing 1-2 of 2 actions 1 of 1 pages

Preview

Integrate Chat Bot with Web site

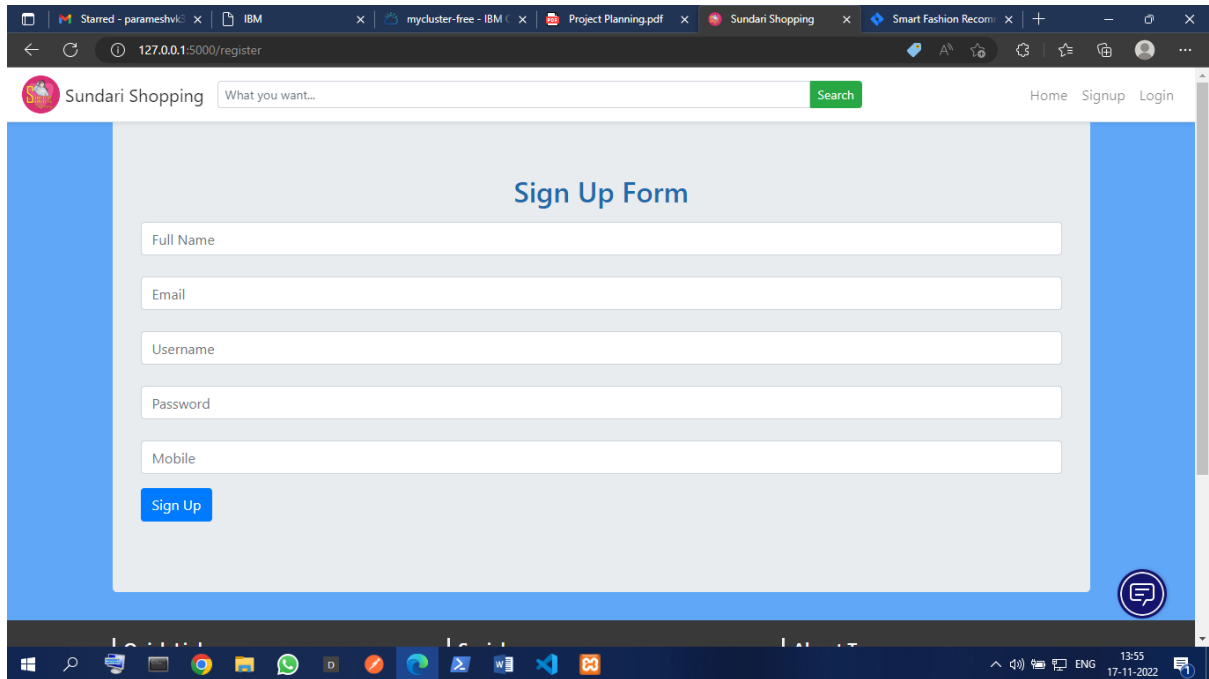


Completing Chat Bot

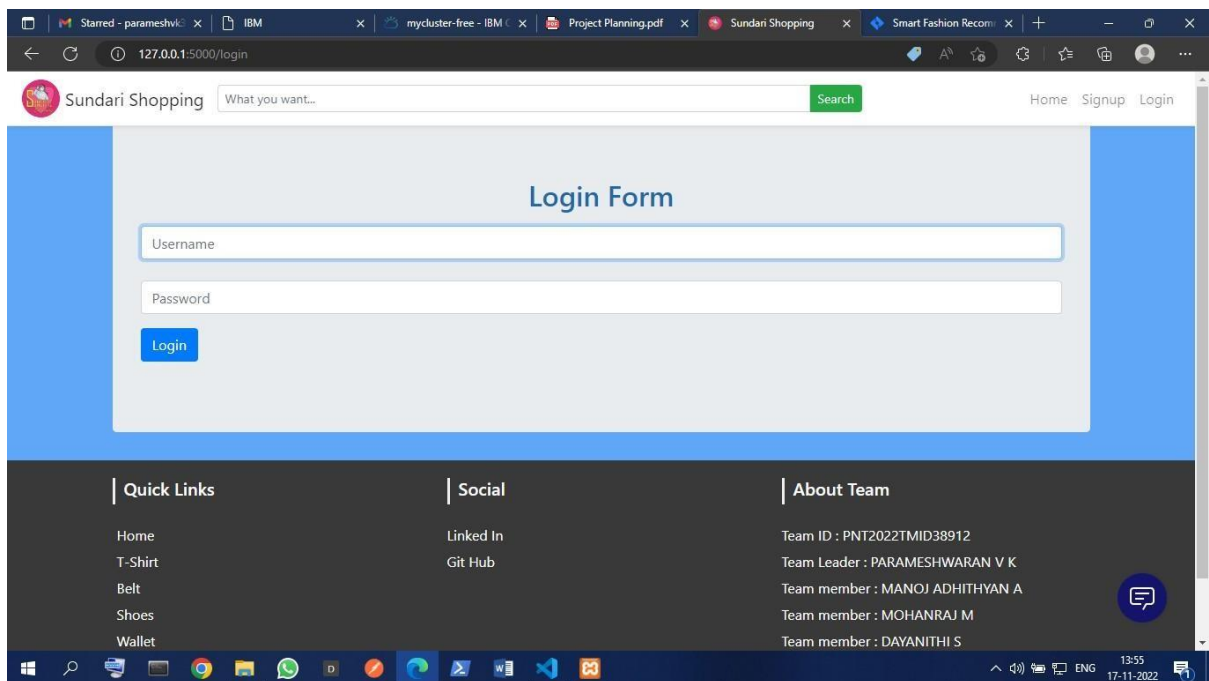


Deploy the applicationUser

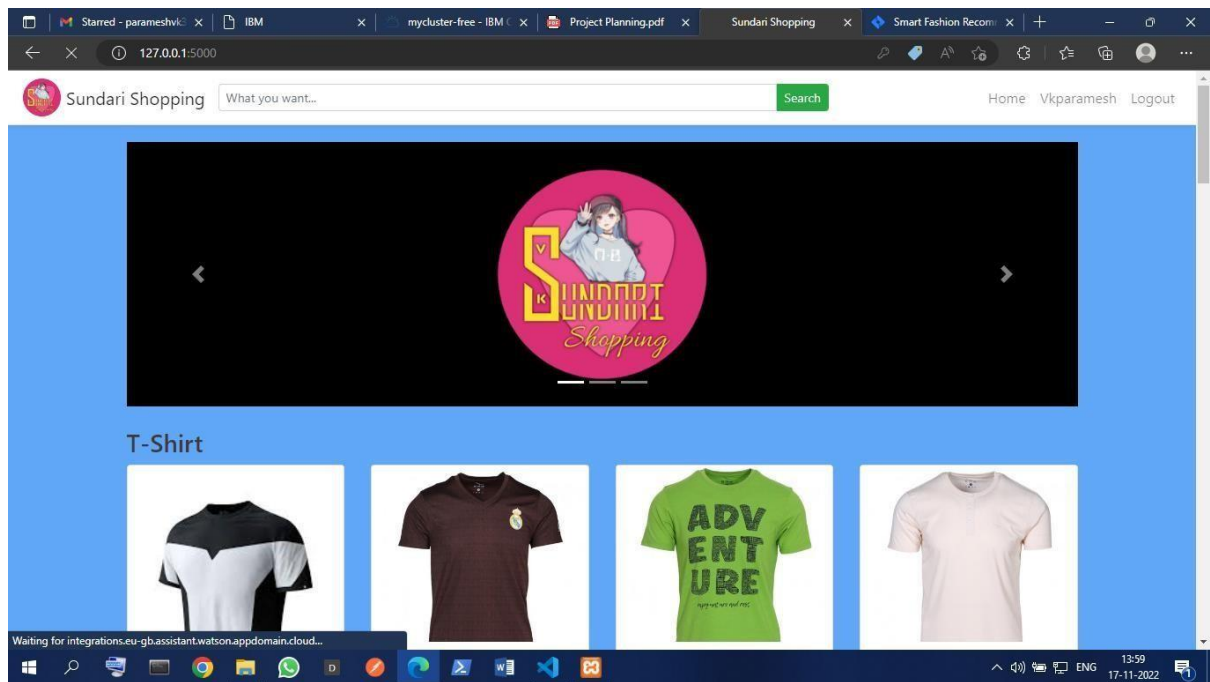
Register Page :-



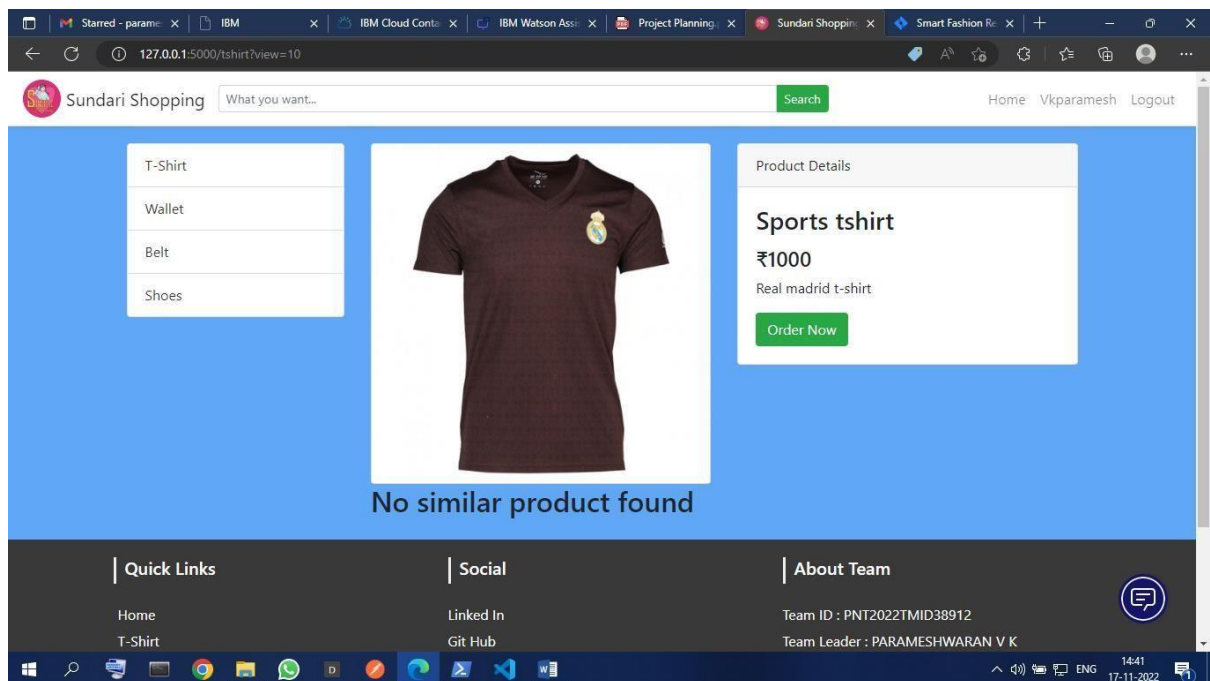
User Login Page :-



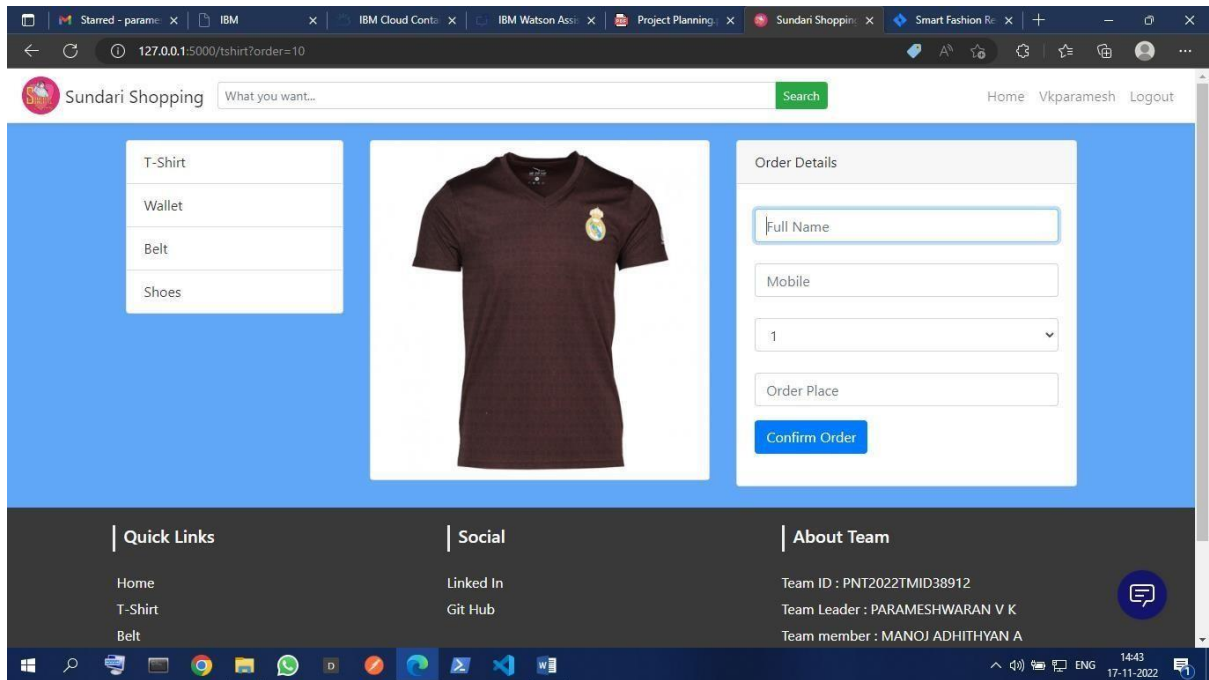
Home Screen:-



Product Page :-



Order Page:-



The screenshot shows the 'Sundari Shopping' website interface. The browser's address bar displays '127.0.0.1:5000/tshirt?order=10'. The page features a navigation bar with a search bar and links for 'Home', 'Vkparamesh', and 'Logout'. A sidebar on the left lists product categories: 'T-Shirt', 'Wallet', 'Belt', and 'Shoes'. The main content area is divided into three sections: a product image of a dark blue V-neck t-shirt, an 'Order Details' form, and a 'Confirm Order' button. The 'Order Details' form includes input fields for 'Full Name', 'Mobile', a quantity dropdown set to '1', and 'Order Place'. The footer contains three columns: 'Quick Links' (Home, T-Shirt, Belt), 'Social' (Linked In, Git Hub), and 'About Team' (Team ID: PNT2022TMID38912, Team Leader: PARAMESHWARAN V K, Team member: MANOJ ADHITHYAN A).

Sundari Shopping

What you want...

Search

Home Vkparamesh Logout

T-Shirt

Wallet

Belt

Shoes

Order Details

Full Name

Mobile

1

Order Place

Confirm Order

Quick Links

Home

T-Shirt

Belt

Social

Linked In

Git Hub

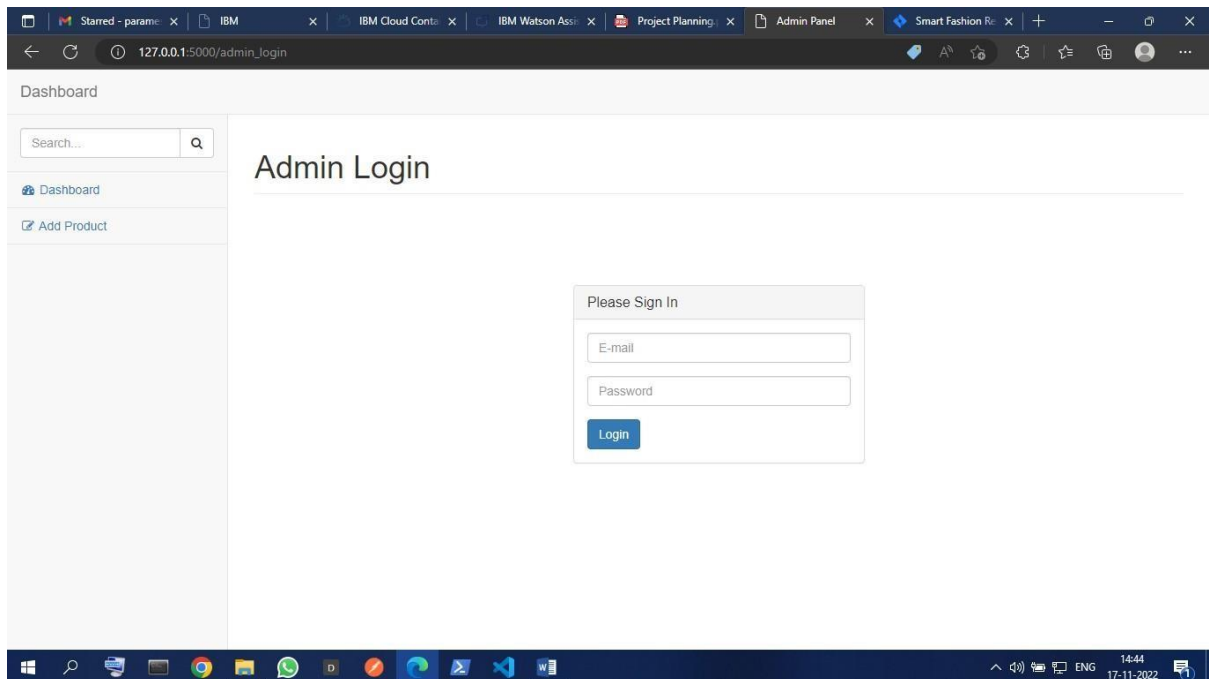
About Team

Team ID : PNT2022TMID38912

Team Leader : PARAMESHWARAN V K

Team member : MANOJ ADHITHYAN A

Admin Login:-



The screenshot shows the 'Admin Login' page of the application. The browser's address bar displays '127.0.0.1:5000/admin_login'. The page has a sidebar with a search bar and links for 'Dashboard' and 'Add Product'. The main content area is titled 'Admin Login' and contains a 'Please Sign In' form with input fields for 'E-mail' and 'Password', and a 'Login' button.

Dashboard

Search...

Dashboard

Add Product

Admin Login

Please Sign In

E-mail

Password

Login

Admin Dashboard:-

The screenshot shows the Admin Dashboard for 'parameshwaran'. The dashboard includes a sidebar with a search bar and links to 'Dashboard' and 'Add Product'. The main content area features three summary cards: 'All Product' (21), 'All Users' (6), and 'All Orders' (24). Below these is a table titled 'All Product List' with columns for Id, Name, Price, Description, Available, Category, Item, Code, and Picture. The table lists five products: T-Shirt, Babory wallet, Loafer Shoes, Artificial Belt, and Polo T-shirt.

Id	Name	Price	Description	Available	Category	Item	Code	Picture
1	T-Shirt	120	T-Shirt	4	tshirt	t-shirt	t-007	Edit
2	Babory wallet	6000	Babory-Double-Zipper-Coin-Bag-RFID-Blocking-Men-Wallets-New-Brand-PU-Leather-Wallet-Money-Purses	3	wallet	wallet	w-004	Edit
3	Loafer Shoes	2000	Loafer black shoes	8	shoes	shoes	s-001	Edit
4	Artificial Belt	1200	Black artificial belt	9	belt	belt	b-001	Edit
5	Polo T-shirt	500	Polo t-shirt	10	tshirt	t-shirt	s-002	Edit

Add Products:-

The screenshot shows the 'Add Product' form. It includes input fields for 'Product Name', 'Price', 'Description', and 'Available'. There is a dropdown menu for 'Category' with 'T-Shirt' selected. Below the category dropdown, there are checkboxes for 'level for T-shirt': 'V-Shape', 'Polo T-shirt', 'Clean Text', and 'Colorful Design'.

Product Name
Enter name

Price
Enter price

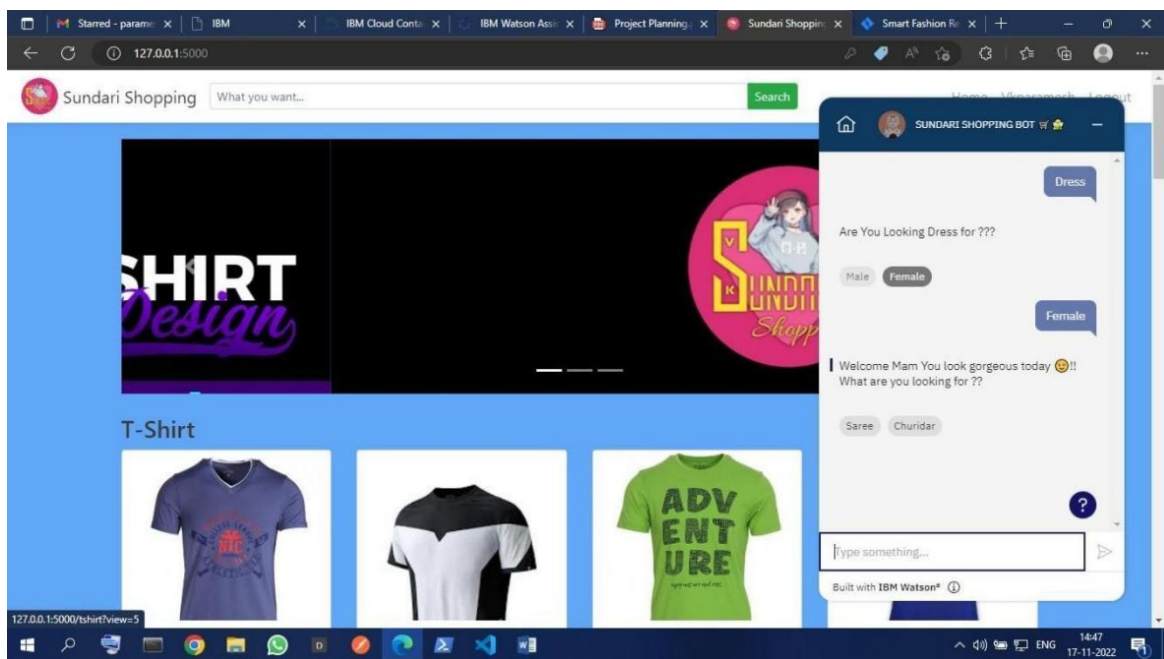
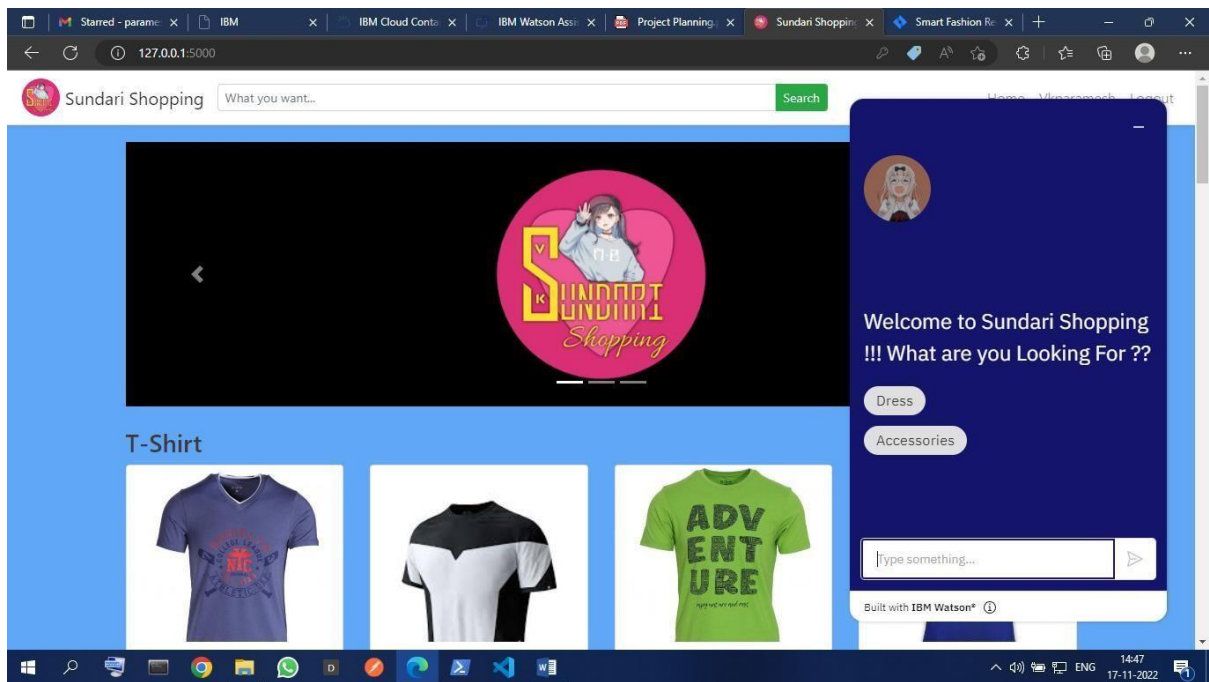
Description
Write product description

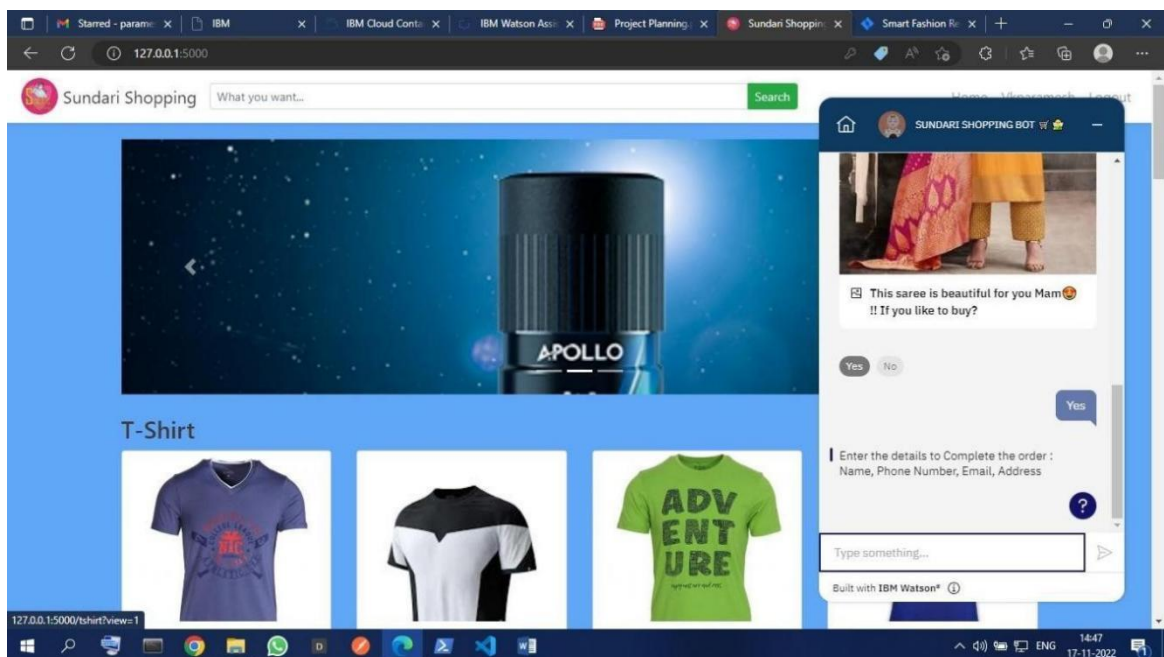
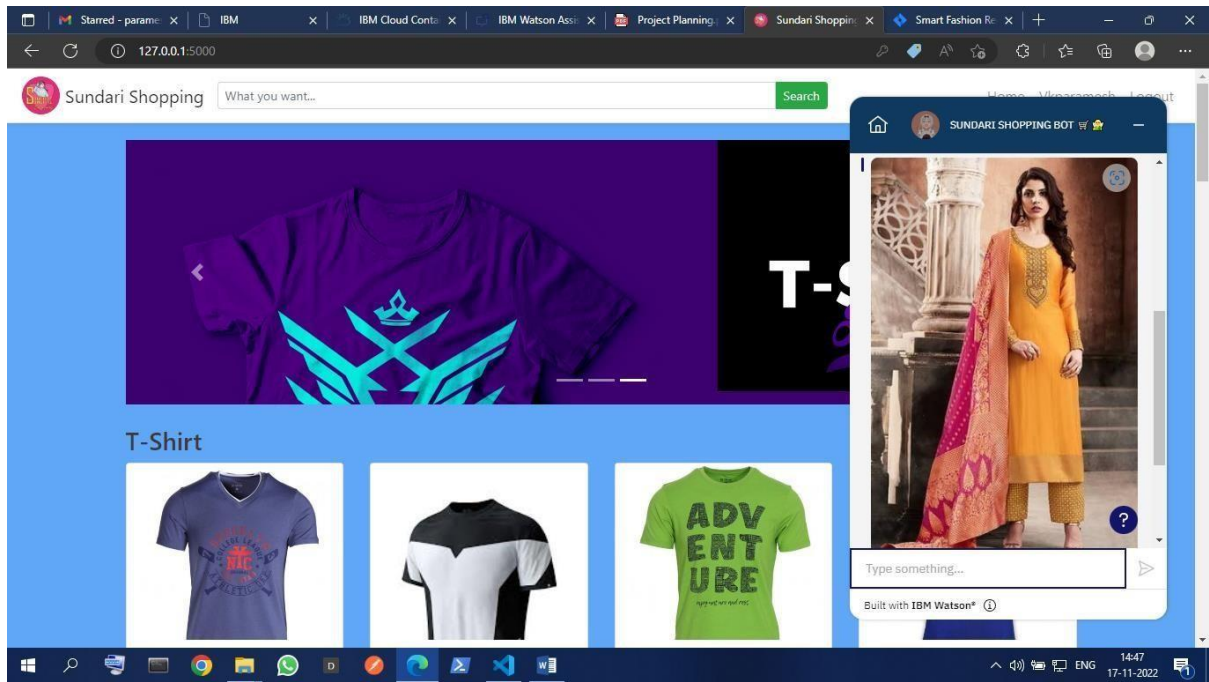
Available
Available

Category
T-Shirt

level for T-shirt
☐ V-Shape ☐ Polo T-shirt ☐ Clean Text ☐ Colorful Design

Chat Bot :-





Starred - param...

IBM

IBM Cloud Conto...

IBM Watson Assi...

Project Planning...

Sundari Shoppin...

Smart Fashion Re...

127.0.0.1:5000

Sundari Shopping

What you want...

Search

T-Shirt

SUNDARI SHOPPING BOT

This saree is beautiful for you Mam!! If you like to buy?

Yes No

Yes

Enter the details to Complete the order :
Name, Phone Number, Email, Address

paramesh , 9080602577 ,
parameshvk3232@gmail.com

Thank you for purchasing 🎉🎉 Order will reach
you soon !!

Type something...

Built with IBM Watson®

Windows taskbar with icons for search, file explorer, chrome, whatsapp, discord, vscode, and others.

System tray showing volume, network, and date/time (17-11-2022).