

Date	02/11/2022
Project Name	Smart Fashion Recommender Application
Team ID	PNT2022TMID30368

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">
    
```

```
<h6>Save Money</h6>
</div>
<div class="fe-box">
  
  <h6>Promotions</h6>
</div>
<div class="fe-box">
  
  <h6>Happy Sell</h6>
</div>
<div class="fe-box">
  
  <h6>F24/7 Support</h6>
</div>
</section>
<section id="product1" class="section-p1">
  <h2>Featured Product</h2>
  <p>New Collections New Modern Designs</p>
  <div class="pro-container">
    <div class="pro">
      
      <div class="des">
        <span>Attitude</span>
        <h5>Blue n Brown 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>₹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>

<i class="fa fa-shopping-bag bag"></i>

</div>

<div class="pro">

<div class="des">

Walkaroo

<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>

<i class="fa fa-shopping-bag bag"></i>

</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 >

</section>
```

```
<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">

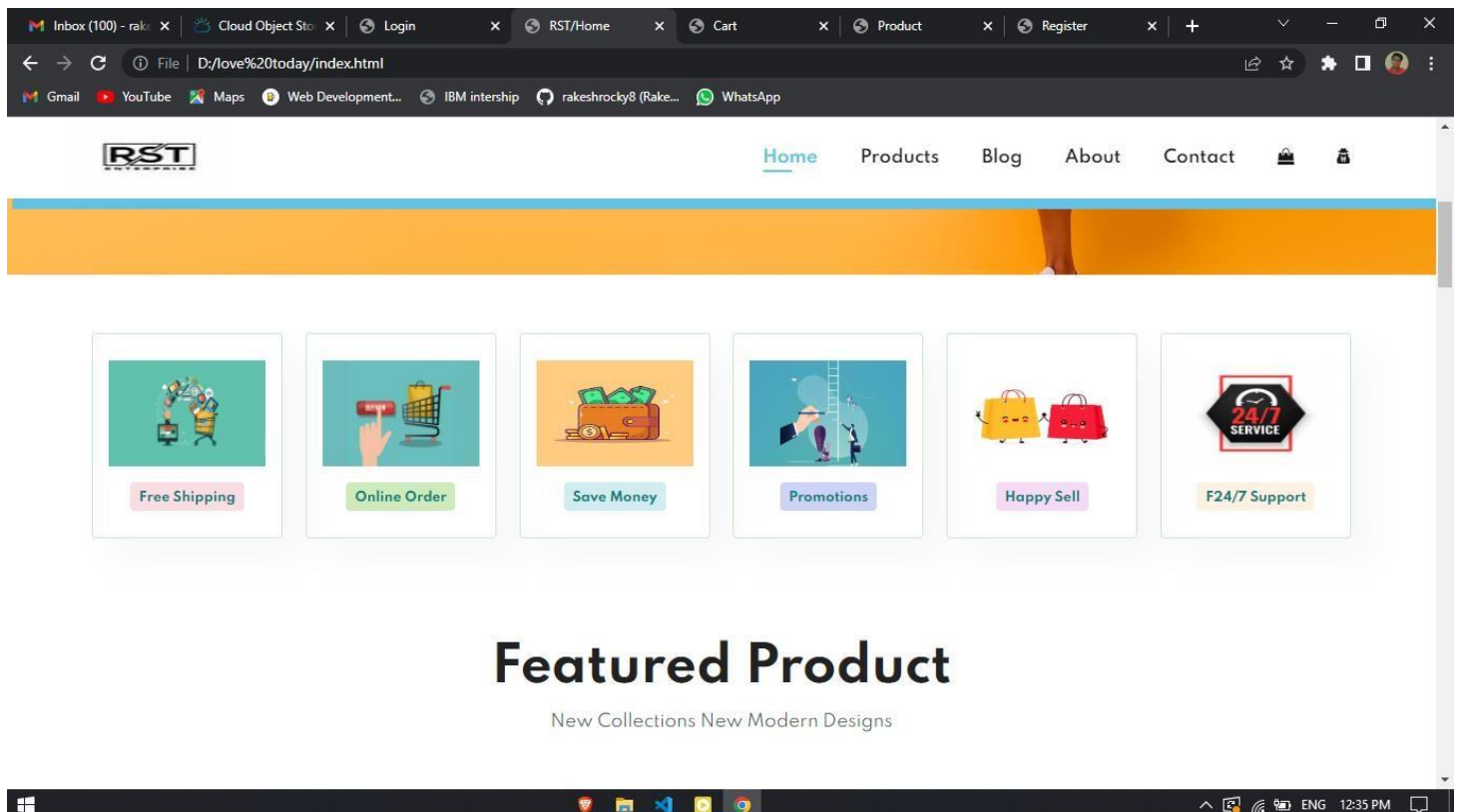
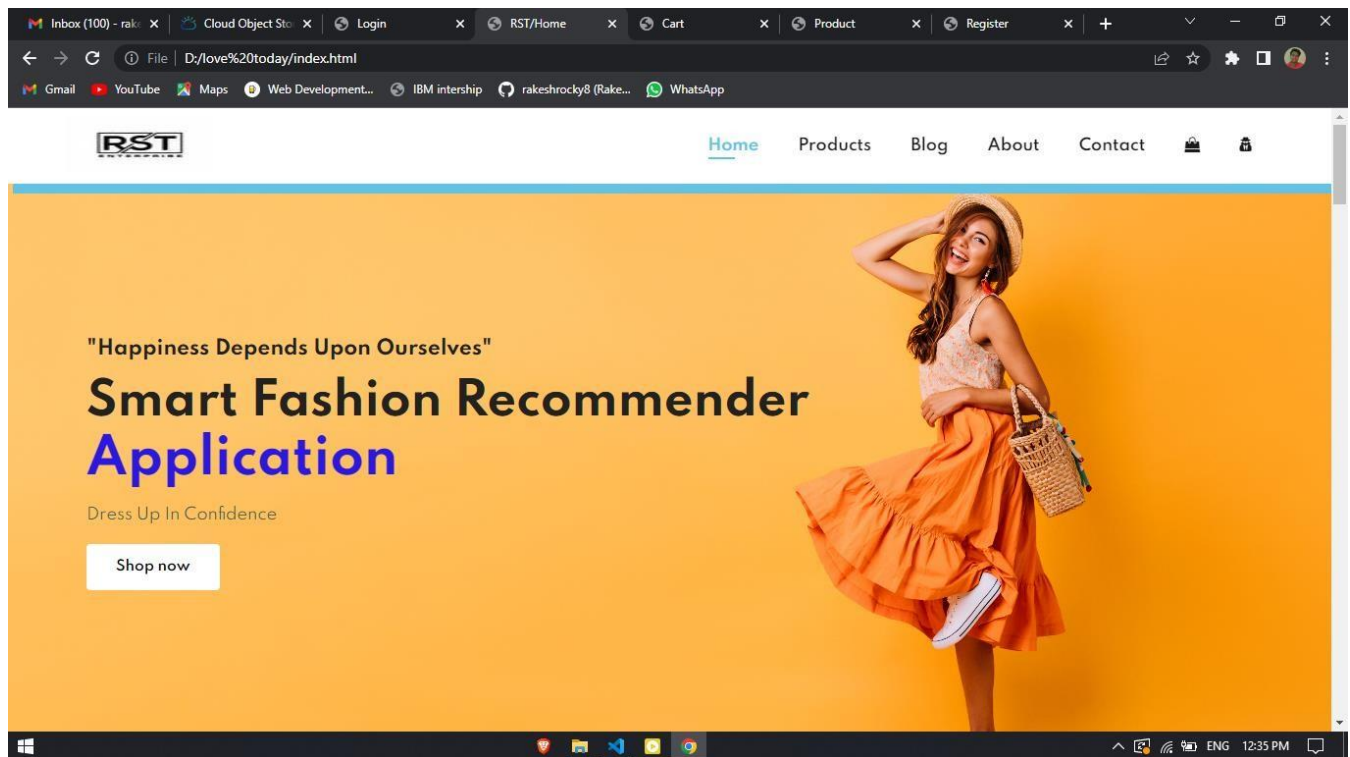
<center><p>© 2022, PNT2022TMI36870 - Smart Fashion Recommender Application
</p></center>

</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

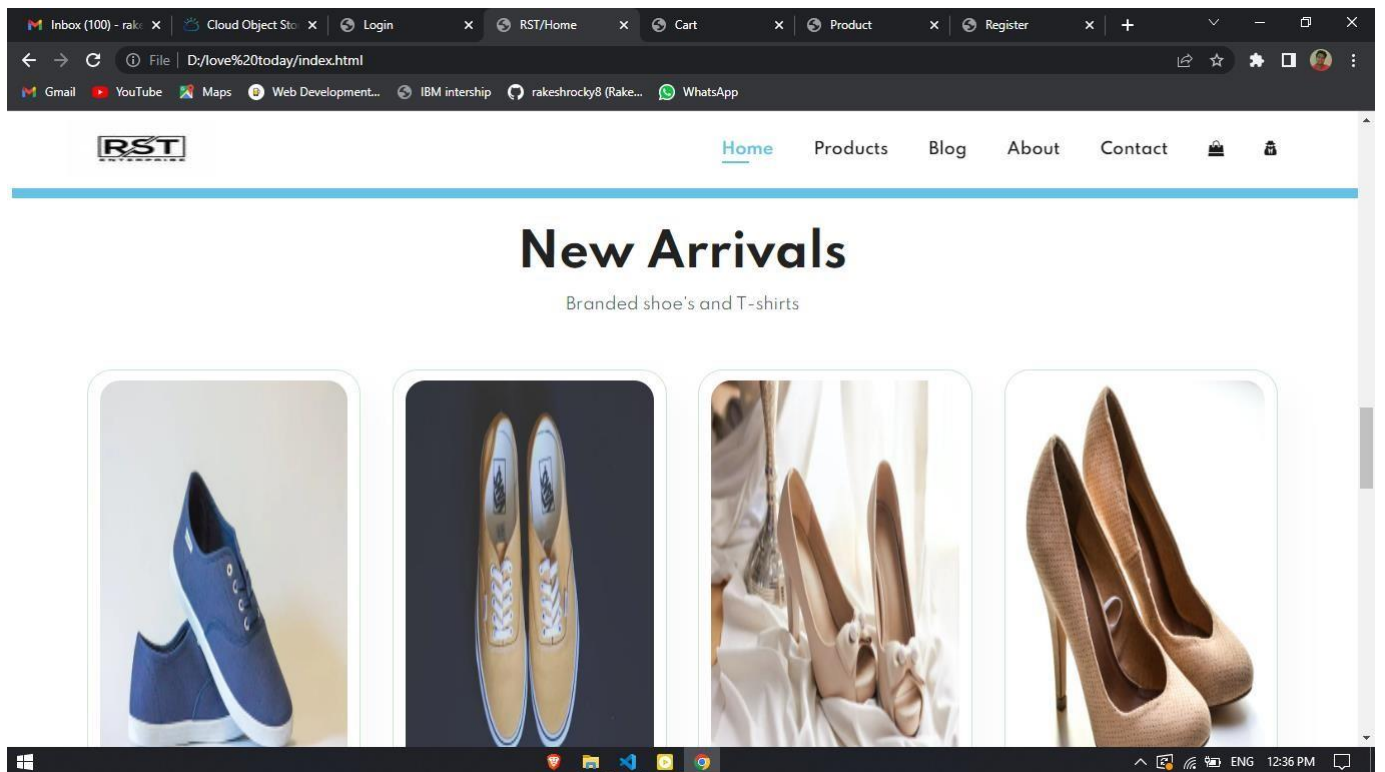
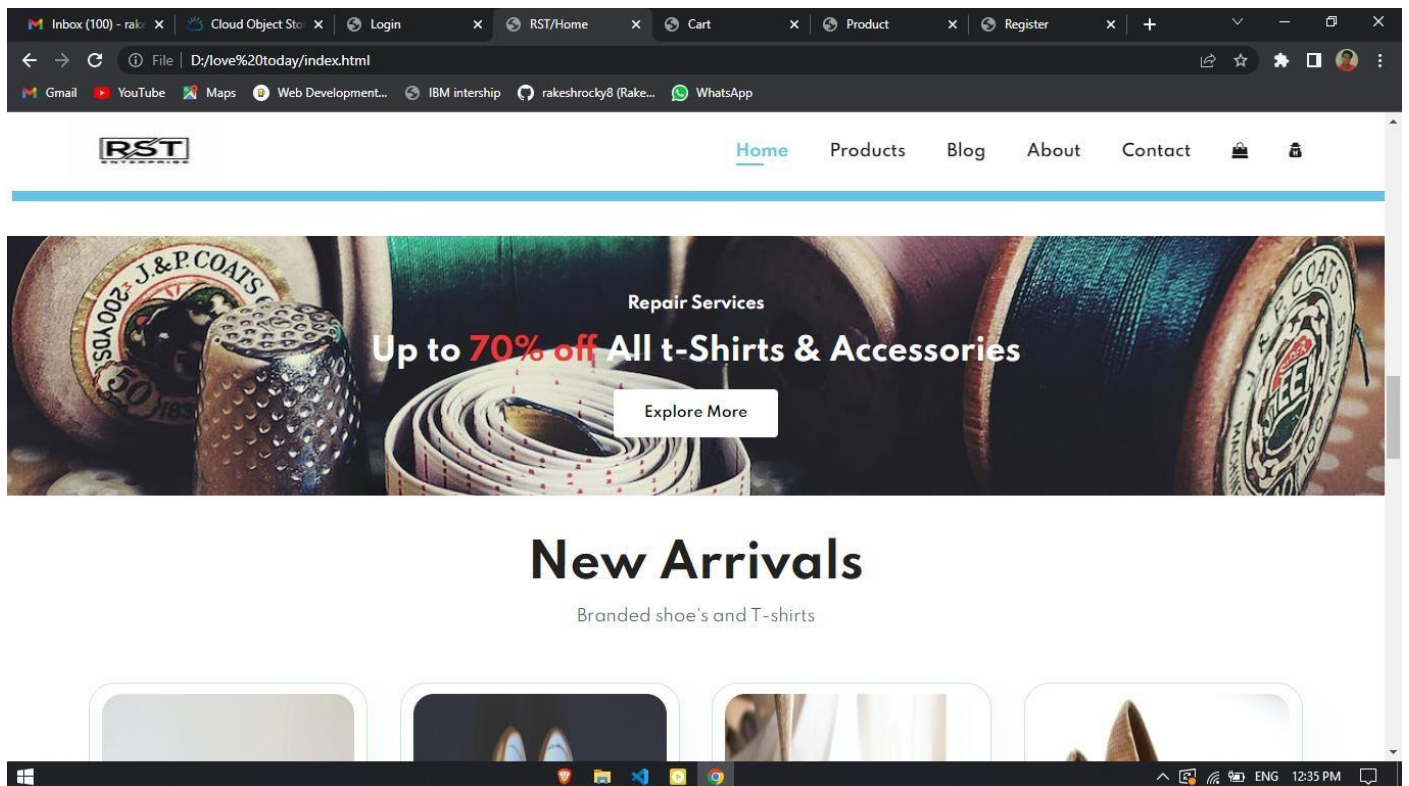


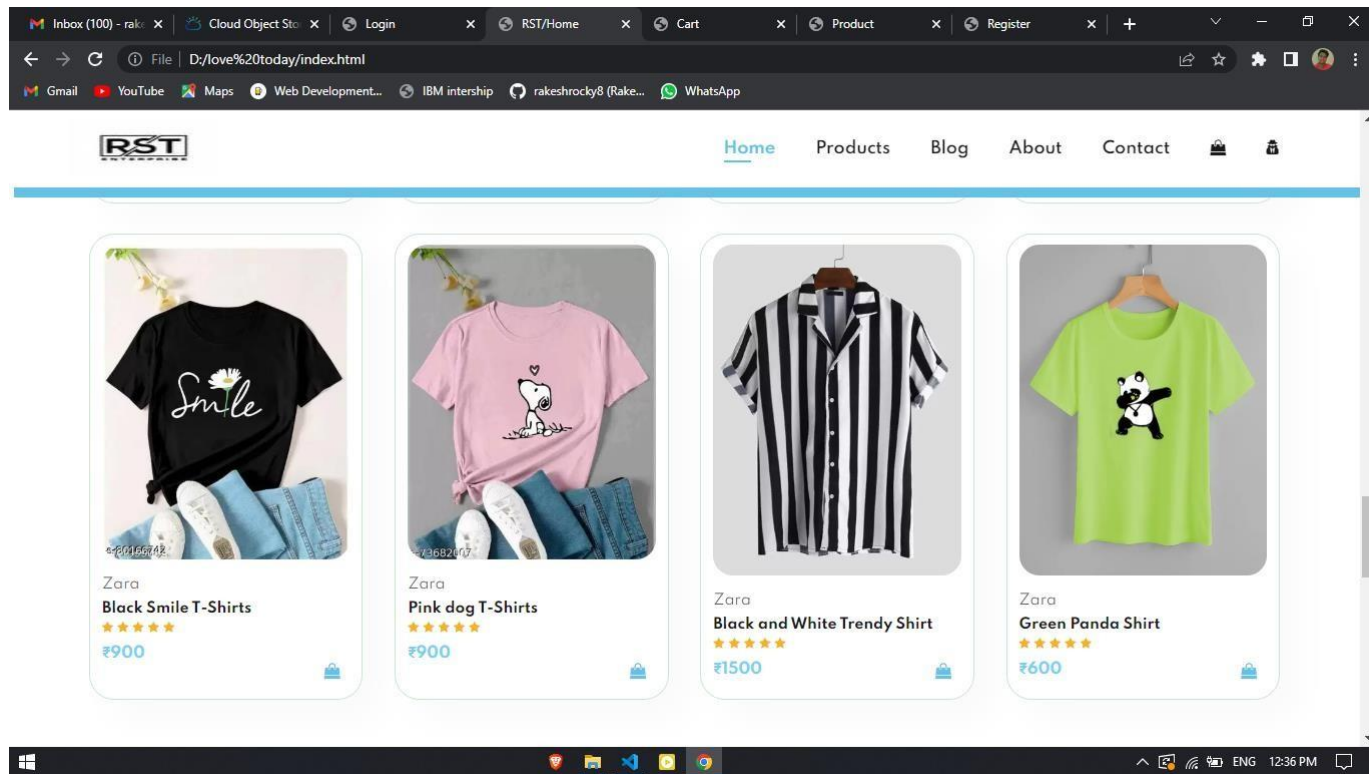
Banarasi
Banarasi Silk Buttis Yellow Saree
★★★★★
₹8000



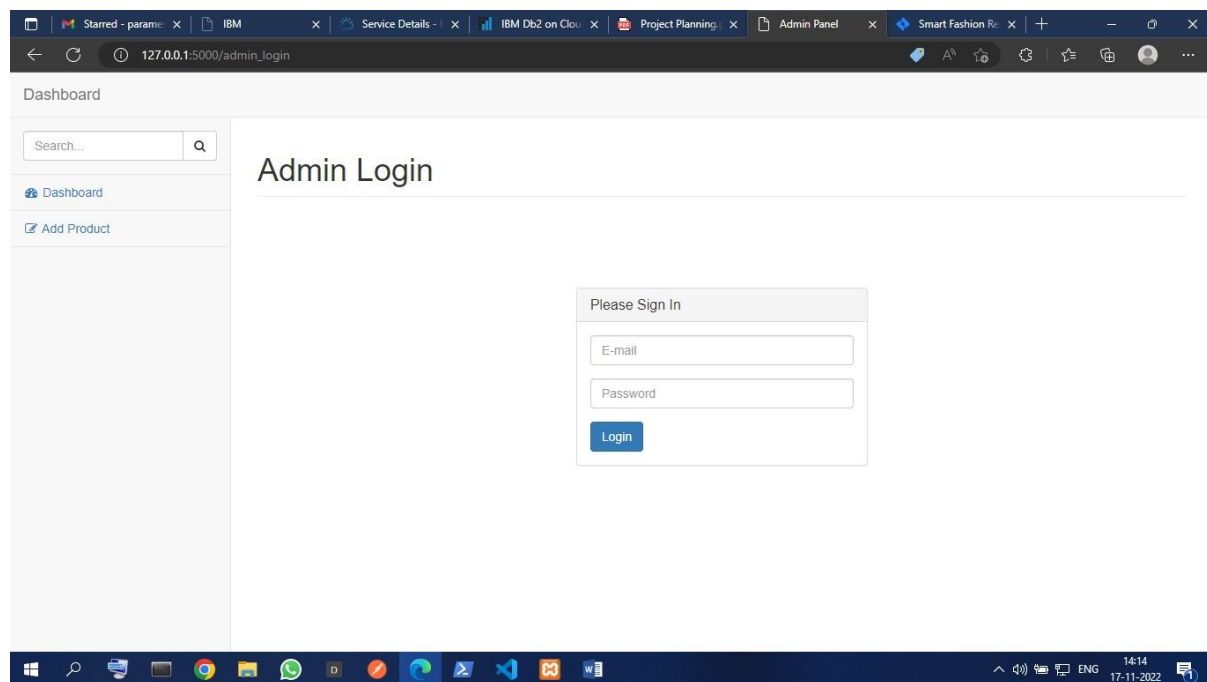
Banarasi
Banarasi Silk Jaal Purple Saree
★★★★★
₹6000

Windows Taskbar: 12:35 PM





Creating UI for Admin PanelAdmin Login



Admin Panel

parameshwaran

Search...

Dashboard

Add Product

21

All Product

View Details

6

All Users

View Details

24

All Orders

View Details

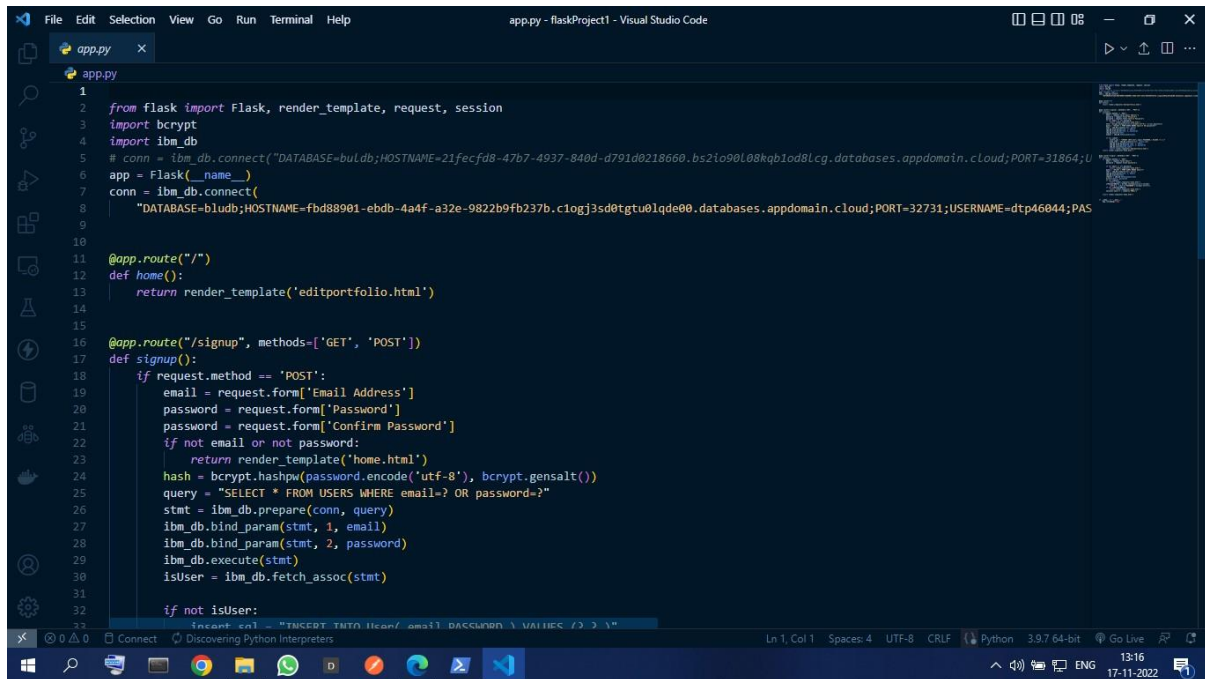
All Product List

Id	Name	Price	Description	Available	Category	Item	Code	Picture
1	T-Shirt	120	T-Shirt	4	tshirt	t-shirt	t-007	Edit
2	Baborny wallet	6000	Baborny-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

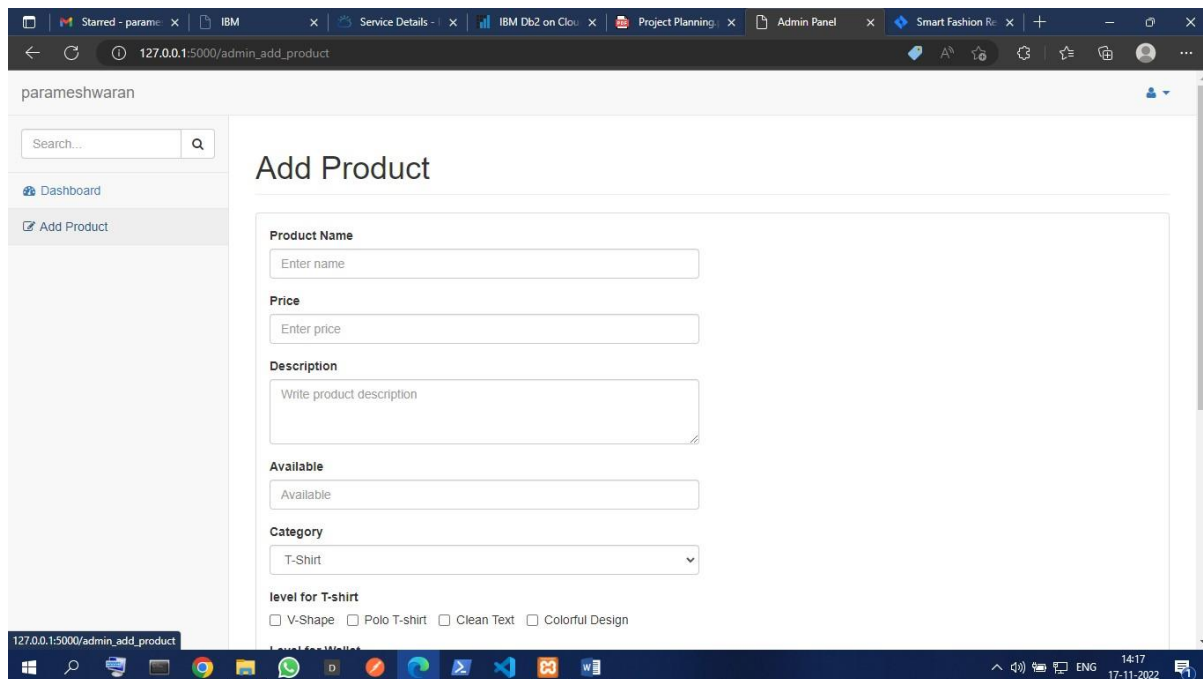
17-11-2022

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=bu1db;HOSTNAME=21fecfd8-47b7-4937-840d-d791d0218660.bs2io90l08qblod8Lcg.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

127.0.0.1:5000/admin_add_product

Search...

Dashboard

Add Product

Add Product

Product Name

Price

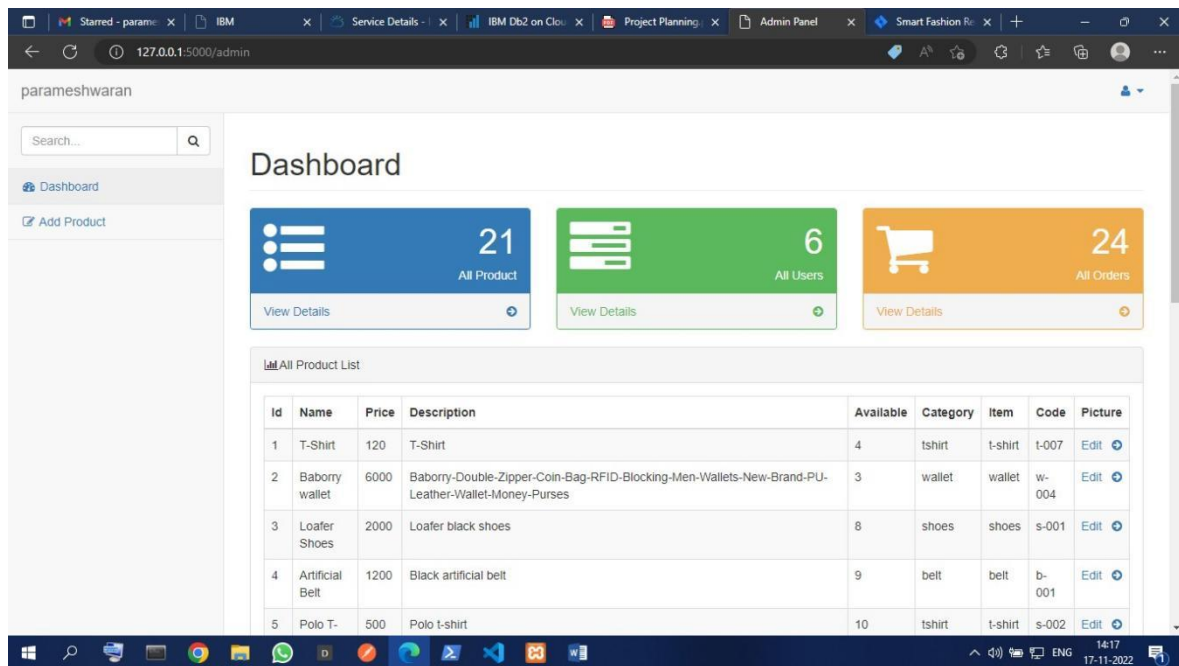
Description

Available

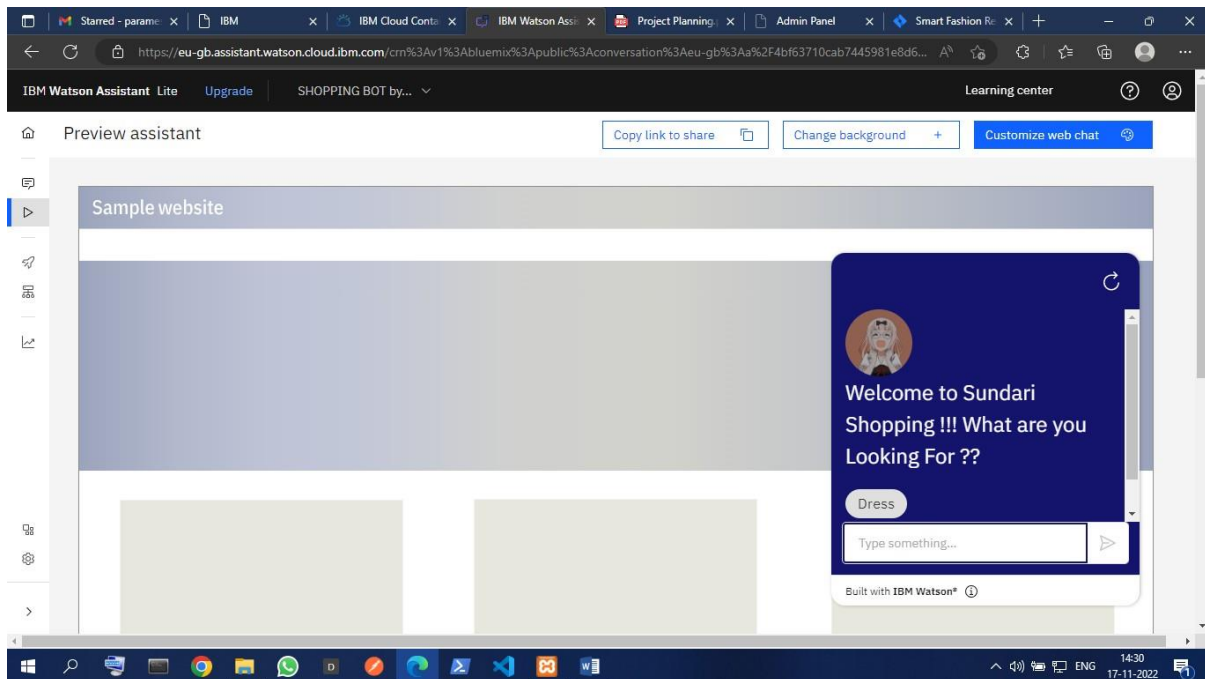
Category

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

Dashboard



Creating Chat Bot for application

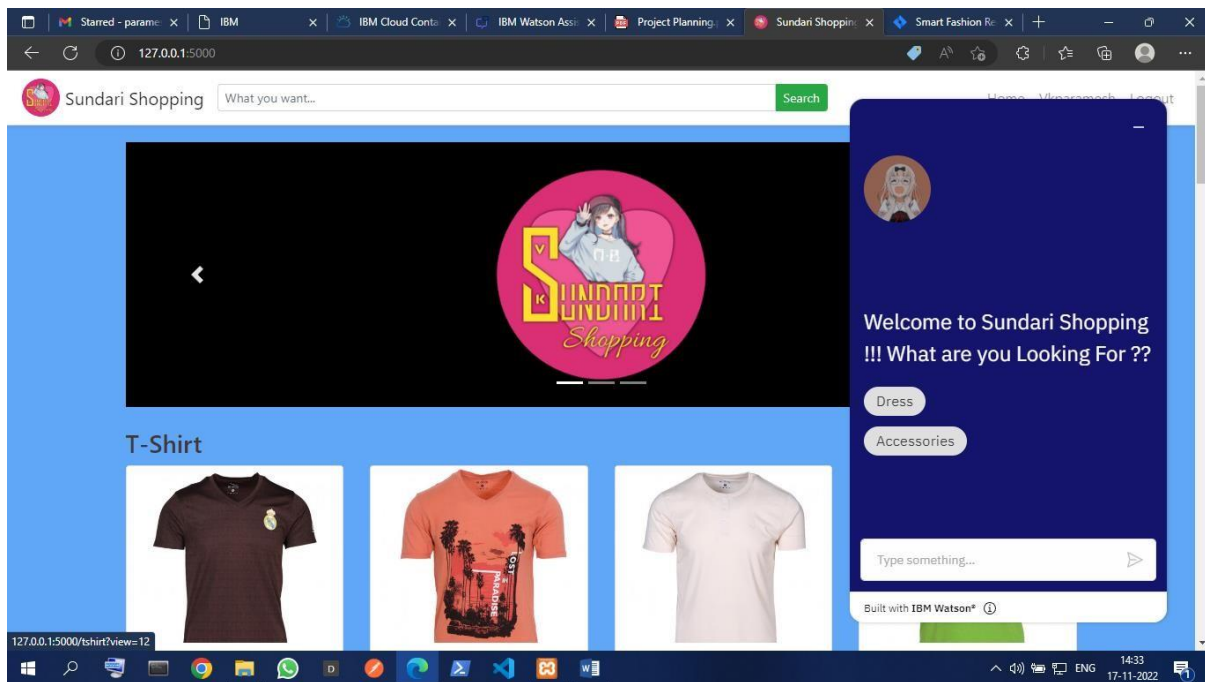


Adding Features of Chat Bot

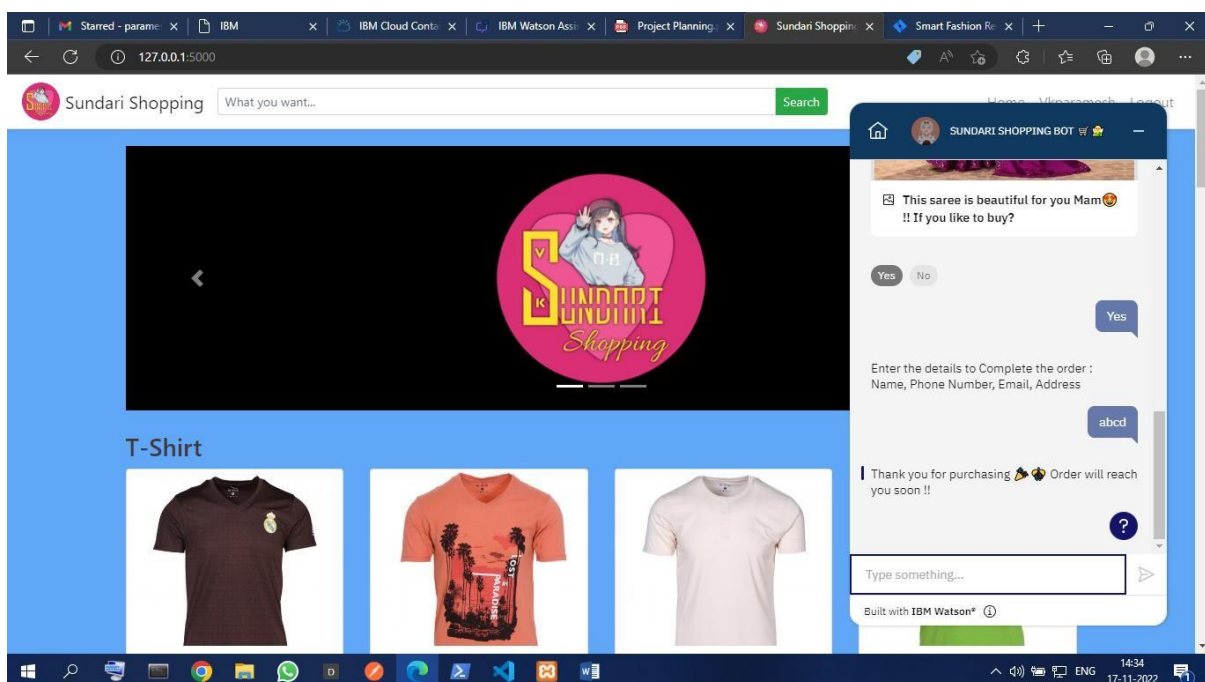
The screenshot displays the IBM Watson Assistant interface, specifically the 'Actions' section. The left-hand navigation pane includes 'Actions', 'Variables', and 'Saved responses'. The main content area features a table of actions created by the user. The table columns are 'Name', 'Last edited', 'Examples Count', and 'Status'. Two actions are visible: 'Dress' and 'Accessories', both created 'a month ago' with '1' example and a 'Success' status. A 'New action' button is located in the top right corner of the table area. The bottom of the interface shows a taskbar with various application icons and a system clock indicating 14:31 on 17-11-2022.

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

Integrate Chat Bot with Web site

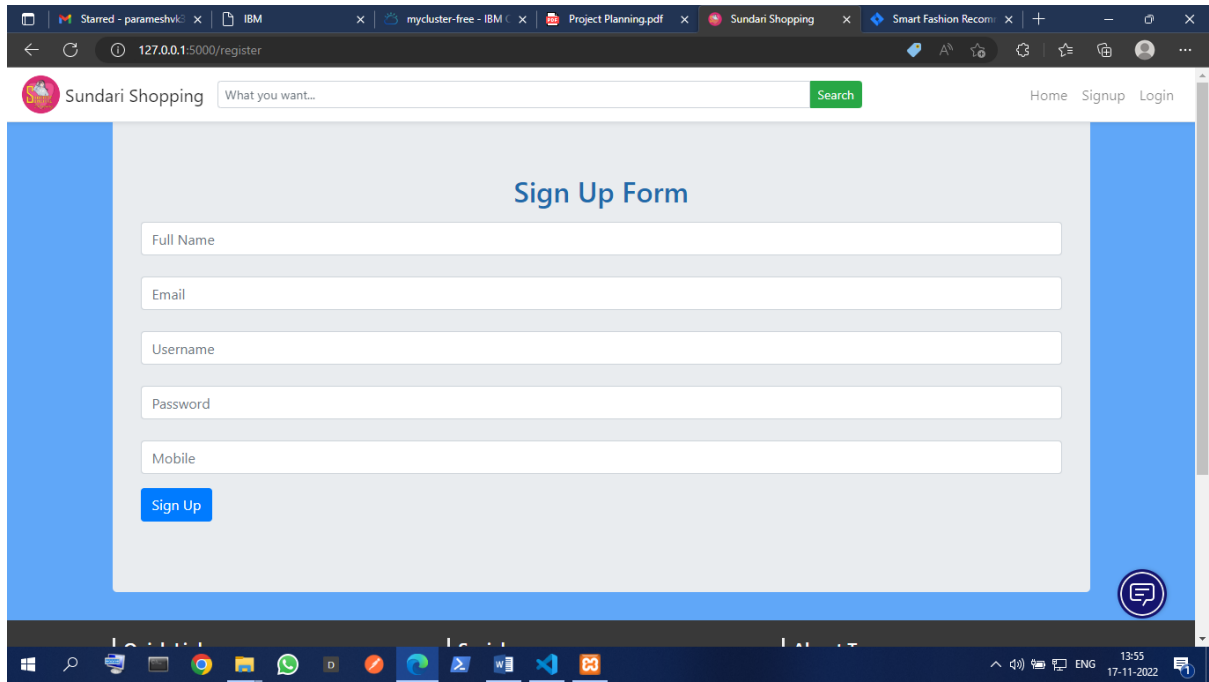


Completing Chat Bot



Deploy the applicationUser

Register Page : -



The screenshot shows a web browser window with the URL `127.0.0.1:5000/register`. The page features a header with the Sundari Shopping logo, a search bar, and navigation links for Home, Signup, and Login. The main content area is titled "Sign Up Form" and contains five input fields: Full Name, Email, Username, Password, and Mobile. A blue "Sign Up" button is positioned below the Mobile field. The browser's taskbar at the bottom shows various application icons and the system clock indicating 13:55 on 17-11-2022.

Sundari Shopping What you want... Search Home Signup Login

Sign Up Form

Full Name

Email

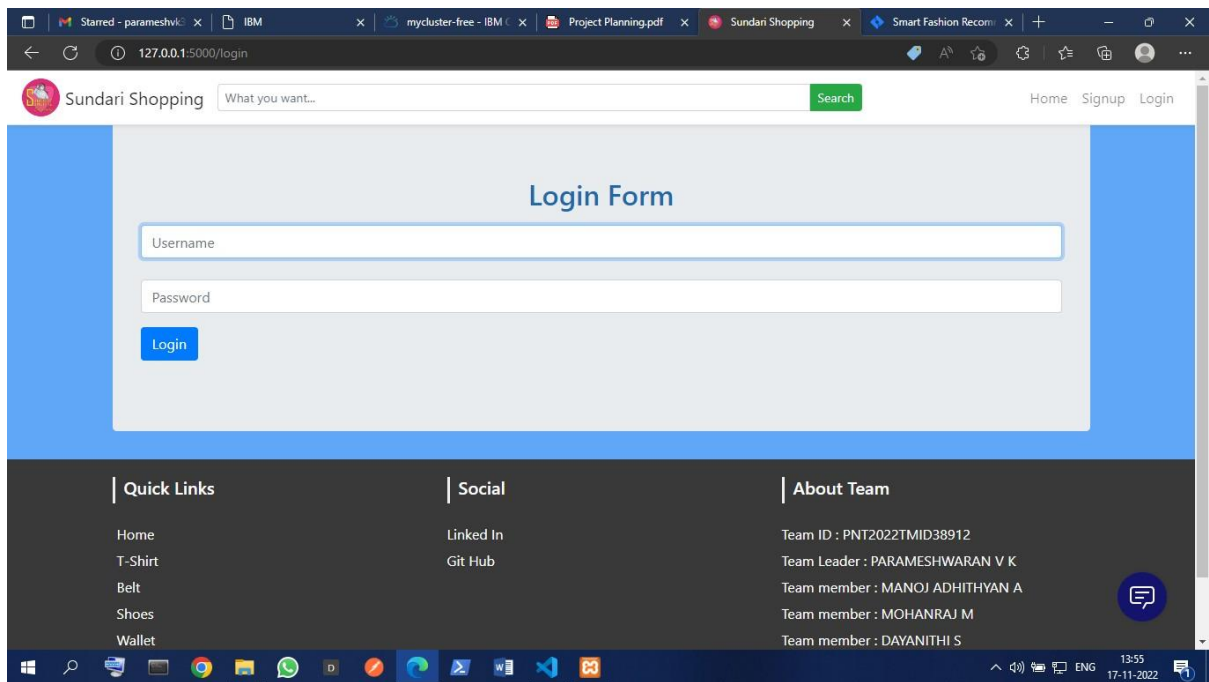
Username

Password

Mobile

Sign Up

User Login Page :-



The screenshot displays the web browser window at `127.0.0.1:5000/login`. The header is identical to the previous page. The main content area is titled "Login Form" and includes two input fields: Username and Password, followed by a blue "Login" button. The footer section is divided into three columns: "Quick Links" (Home, T-Shirt, Belt, Shoes, Wallet), "Social" (Linked In, Git Hub), and "About Team" (Team ID: PNT2022TMID38912, Team Leader: PARAMESHWARAN V K, Team member: MANOJ ADHITHYAN A, Team member: MOHANRAJ M, Team member: DAYANITHI S). A chat icon is visible in the bottom right corner of the footer area. The browser taskbar at the bottom shows the same system clock and date.

Sundari Shopping What you want... Search Home Signup Login

Login Form

Username

Password

Login

Quick Links

- Home
- T-Shirt
- Belt
- Shoes
- Wallet

Social

- Linked In
- Git Hub

About Team

Team ID : PNT2022TMID38912

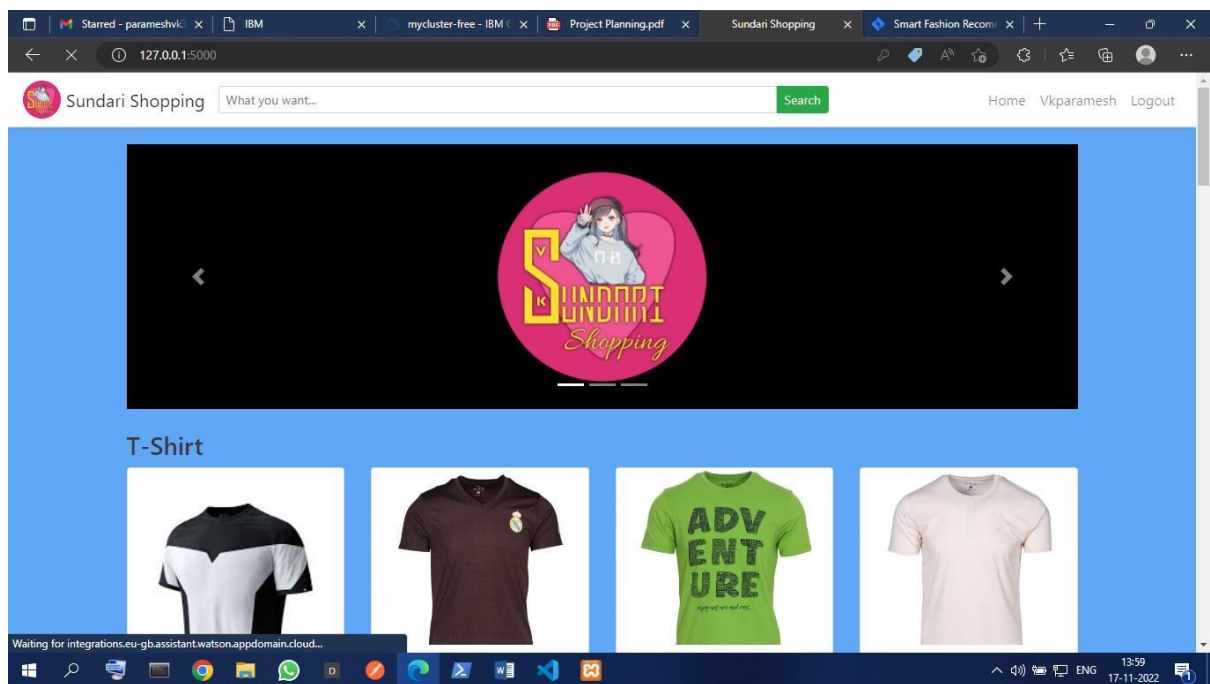
Team Leader : PARAMESHWARAN V K

Team member : MANOJ ADHITHYAN A

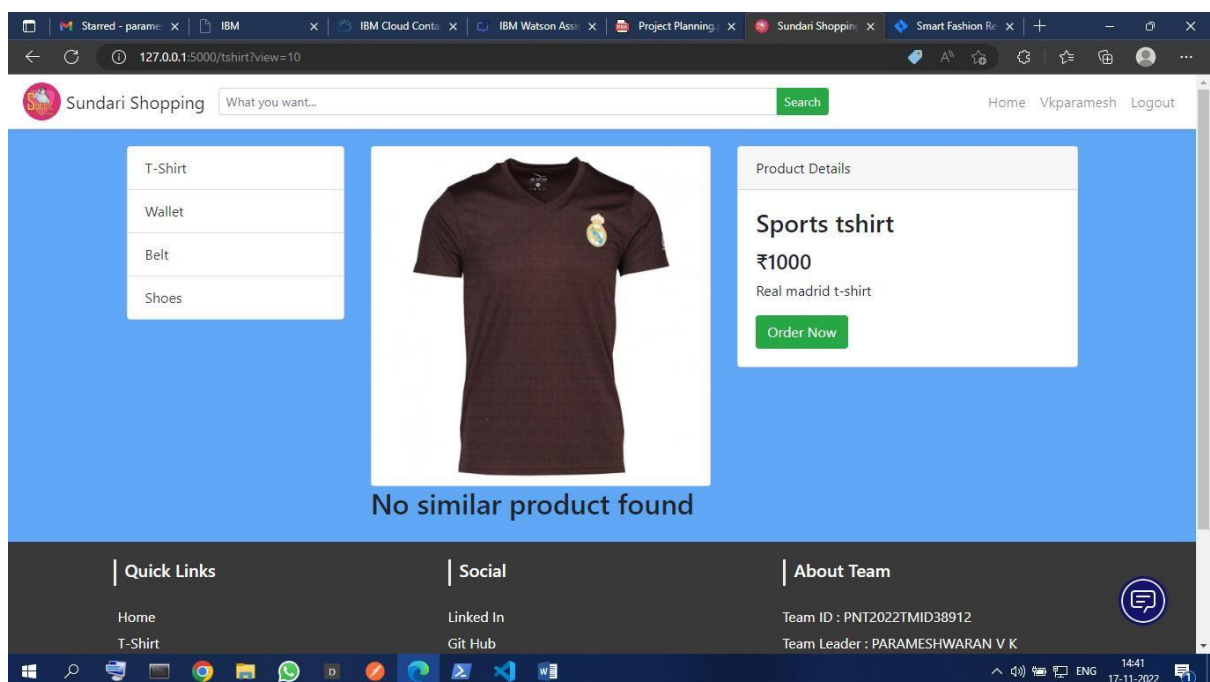
Team member : MOHANRAJ M

Team member : DAYANITHI S

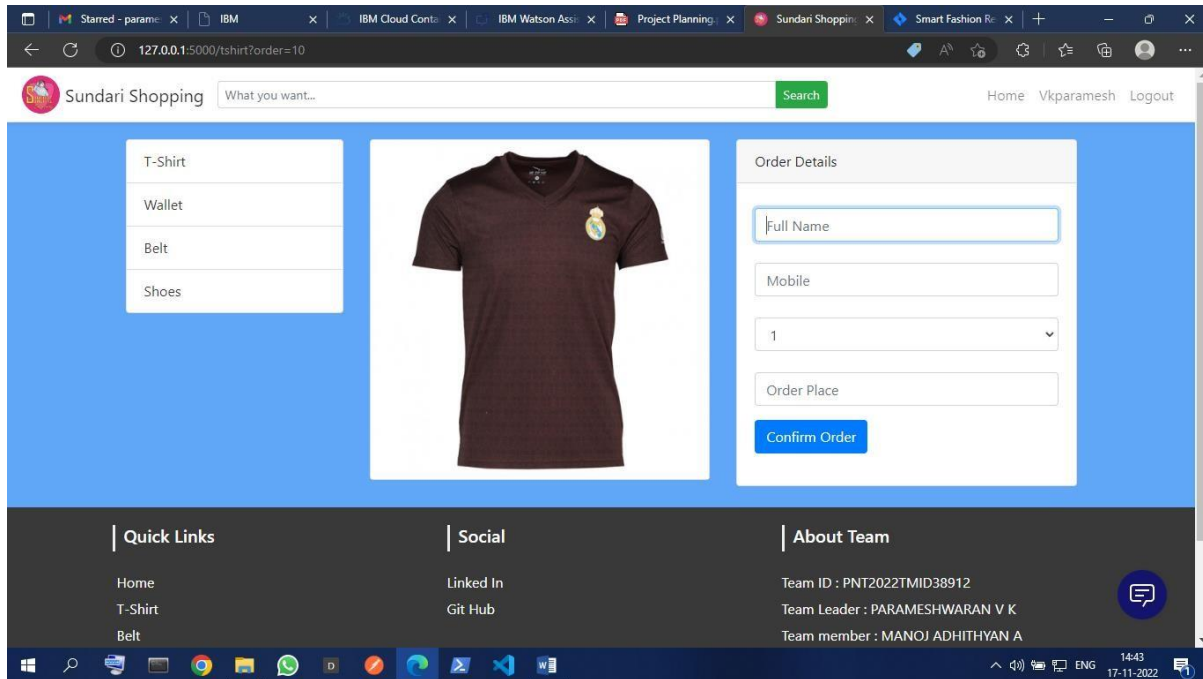
Home Screen:-



Product Page :-



Order Page:-



The screenshot shows the 'Sundari Shopping' website. The browser's address bar displays '127.0.0.1:5000/tshirt?order=10'. The page features a blue header with the site logo, a search bar, and navigation links for 'Home', 'Vkparamesh', and 'Logout'. A left sidebar lists product categories: 'T-Shirt', 'Wallet', 'Belt', and 'Shoes'. The main content area is divided into three sections: a product image of a dark red 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). A Windows taskbar is visible at the bottom.

Sundari Shopping What you want... Search Home Vkparamesh Logout

T-Shirt
Wallet
Belt
Shoes

Order Details

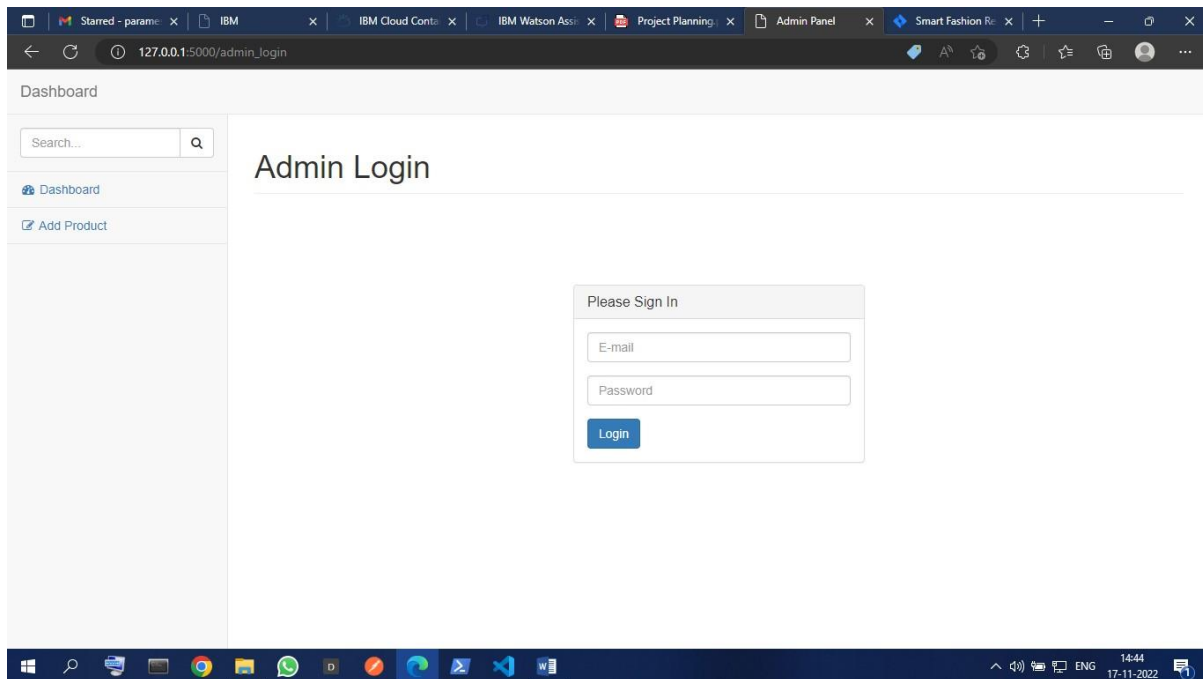
Full Name
Mobile
1
Order Place
Confirm Order

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 light gray header with the title 'Admin Login'. On the left, there is a sidebar with a search bar and two links: 'Dashboard' and 'Add Product'. The main content area features a 'Please Sign In' form with input fields for 'E-mail' and 'Password', and a 'Login' button. A Windows taskbar is visible at the bottom.

Dashboard

Search...

Dashboard
Add Product

Admin Login

Please Sign In

E-mail
Password
Login

Admin Dashboard:-

The Admin Dashboard is displayed in a web browser window. The top navigation bar includes links to 'Starred - param...', 'IBM', 'IBM Cloud Cont...', 'IBM Watson Ass...', 'Project Planning', 'Admin Panel', and 'Smart Fashion Re...'. The dashboard title is 'parameshwaran'. The main content area features three summary cards: 'All Product' with a count of 21, 'All Users' with a count of 6, and 'All Orders' with a count of 24. Below these cards is a table titled 'All Product List' with columns: Id, Name, Price, Description, Available, Category, Item, Code, and Picture. The table contains five rows of product data.

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-shirt	500	Polo t-shirt	10	tshirt	t-shirt	s-002	Edit

Add Products:-

The 'Add Product' form is displayed in a web browser window. The top navigation bar is the same as the dashboard. The form title is 'Add Product'. It contains several input fields: 'Product Name' (text), 'Price' (text), 'Description' (text area), 'Available' (text), and 'Category' (dropdown menu). Below the 'Category' dropdown, there is a section for 'level for T-shirt' with four checkboxes: 'V-Shape', 'Polo T-shirt', 'Clean Text', and 'Colorful Design'.

Chat Bot :-

