SMART FASHION RECOMMENDER APPLICATION

A PROJECT REPORT

Submitted by

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CONTENTS

1. INTRODUCTION

1.1. Project Overview

We live in a world powered by AI, where all human activities are simplified with machinery. The AI takes control of almost any area. In this project, we included one such powerful tool, a chatbot, that helps recommend goods to customers. The proposed project is about building a fashion website and integrate a chatbot that picks up fashion goods for the users with less time. Instead of checking out so many products and spending lot of time on the internet before buying stuff to fill your wardrobe, get the help of our fashion recommender by simply listing out your preferences. The chatbot is built in such a way that it collects user's likes and dislike by asking them a few questions, pick up the best matches from warehouse and piles up their window with products that they cannot reject. All the products it picks up will never fail to convince the in terms of price, quality and fashion.

1.2. Purpose

The primary motive of the proposed system is to recommend fashion products through recommendations. Online shopping makes one to spend less time on buying products as it does not take time to commute, choose shops, check for the quality of the product, and stand in queues to bill them. Users can save money because of better deals and cheaper price. Money transactions are simpler in online shopping. It brings goods at users' door step. Since the proposed project comes with a chatbot, it has an added advantage of picking up fashion goods faster. The built-in chatbot assists customers to make a better and a quick decision to purchase a product as it recommends stuff based on user preferences. Through this, the vendor knows what is desired by their customers and knows their expectations so that they can increase sales.

2. LITERATURE SURVEY

2.1. Existing problem

While doing online shopping, people are checking out various products. In fact, the number of products they are checking out is very much greater than number of products they are purchasing. Customers have to go through every product to discover the one best thing that satisfies their desire. It automatically takes a long time and can result in the purchase of a product that was not intended for purchase. Sometimes, just to advantage of free shopping customers end up shopping more than they need.

2.2. References

[1] A Review of Modern Fashion Recommender Systems
[2] Fashion Recommendation System
[3] Product Recommender Chatbot
[4] Image-based fashion recommender systems
[5] A Survey on Conversational Recommender Systems

2.3. Problem Statement Definition

To come up with a new innovative solution through which user can directly do online shopping based on their choice without any search. It can be done by using the chatbot. It recommends fashion based on user desire.

Table 2.3.1: Problem Statements

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Common man	Buy clothes at cheap rate	Buying cheaper clothes at shops near me raises quality issues.	At cheaper rate, unrecognized brand products are sold	Disappointed
PS-2	Fashionista	Buy trendy and branded clothes	Availability of desired products is not assured.	The clothes are not up to my expectations	Frustrated
PS-3	Celebrity	Buy clothes like normal people	Due to paparazzi, I cannot do so.	Being a celebrity, people are curious about my personal life	My privacy is invaded
PS-4	Fashion Stylist	Informed about the latest fashion trends	I am not getting apt recommendations from websites.	Sometimes the collections are poor and sometimes the price is high	Upset

3. IDEATION & PROPOSED SOLUTION

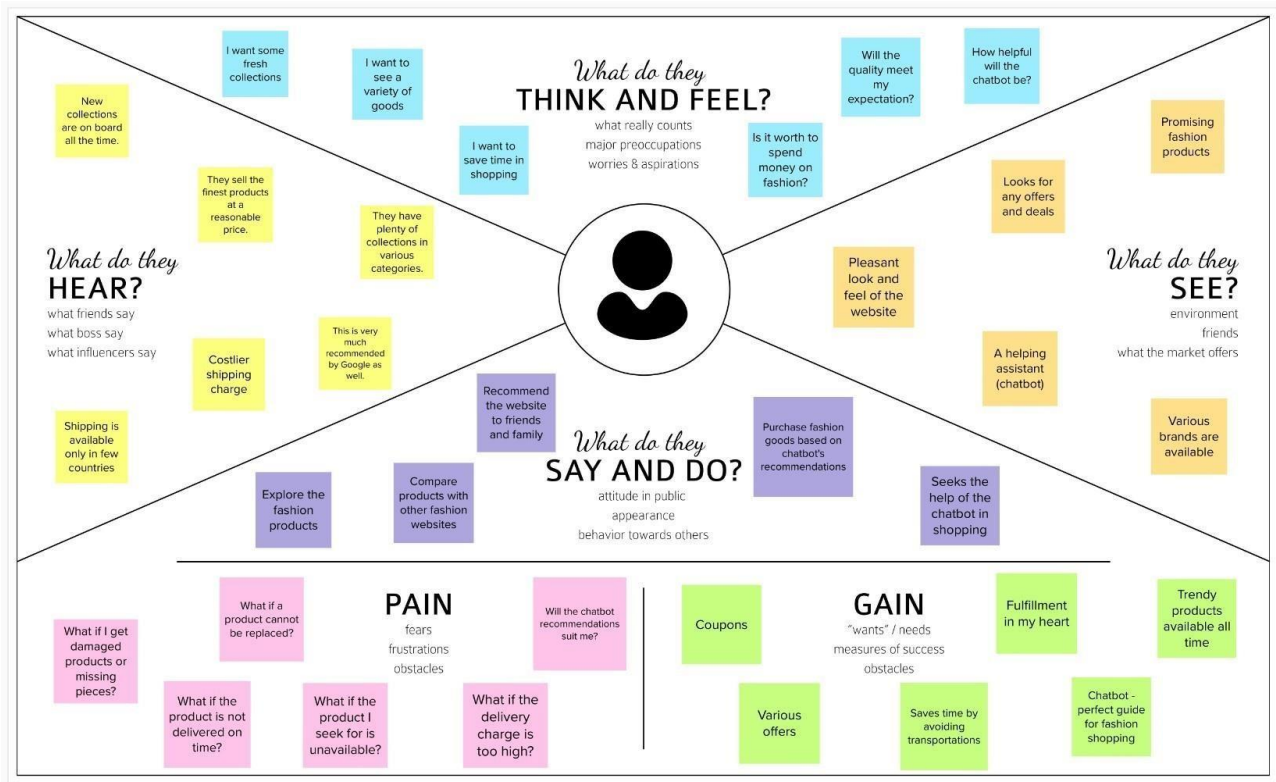## 3.1. Empathy Map Canvas

Figure 3.1.1: Empathy Map Canvas

3.2. Ideation & Brainstorming

Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

- 🕐 **10 minutes** to prepare
- ⏳ **1 hour** to collaborate
- 👤 **2-8 people** recommended

Share template feedback

Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

🕐 10 minutes

A **Team gathering**
Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

B **Set the goal**
Think about the problem you'll be focusing on solving in the brainstorming session.

C **Learn how to use the facilitation tools**
Use the Facilitation Superpowers to run a happy and productive session.

Open article →

1 Define your problem statement

To build a new innovative solution through which a user can directly do their online shopping based on their choice without any search by using a chatbot.

🕐 5 minutes

PROBLEM
How might we build a smart fashion recommender application that comes with a chatbot?

Key rules of brainstorming
To run an smooth and productive session

- Stay in topic.
- Defer judgment.
- Go for volume.
- Encourage wild ideas.
- Listen to others.
- If possible, be visual.

Figure 3.2.1: Brainstorming & Idea Prioritization
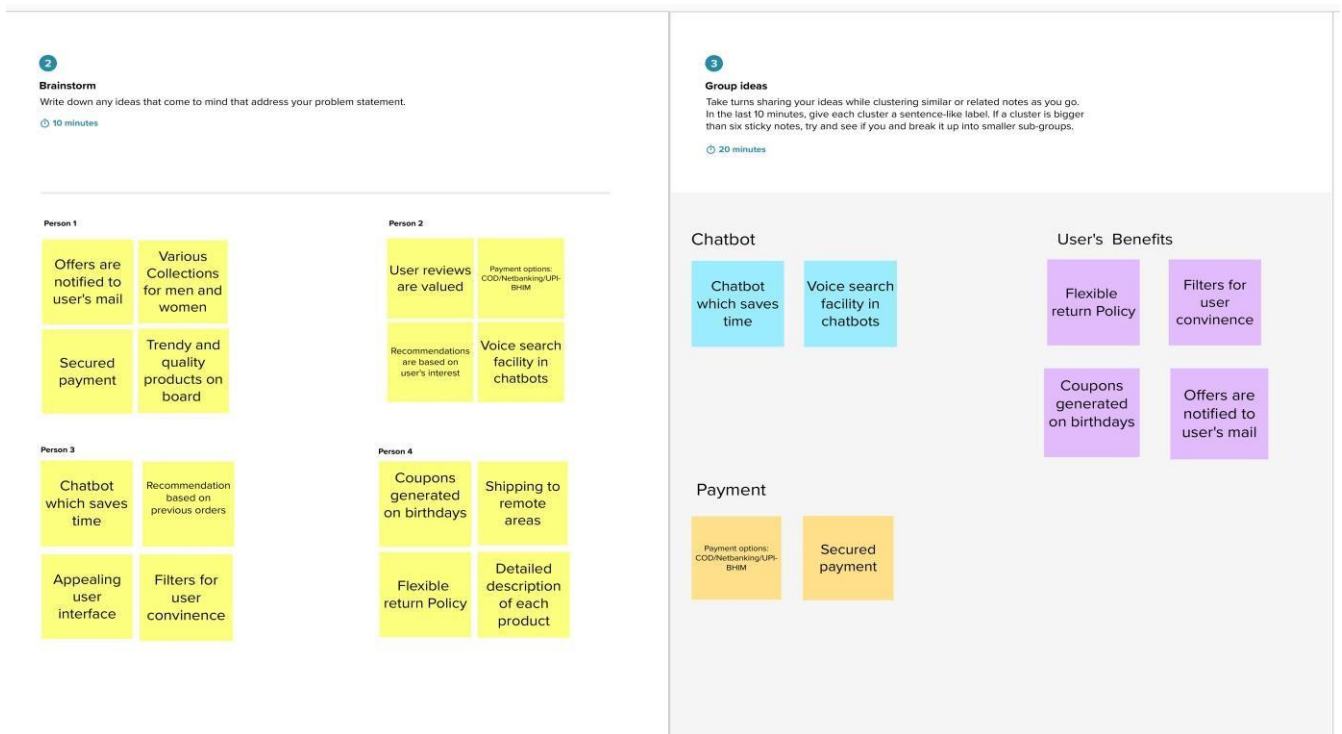
Figure 3.2.2: Brainstorming & Idea Prioritization

Figure 3.2.3: Brainstorming & Idea Prioritization

3.3. Proposed Solution

Table 3.3.1: Proposed Solution

S.No.	Parameter	Description
1	Problem Statement (Problem to be solved)	To recommend fashion products based on customer's choice without any search on a fashion website.
2	Idea / Solution description	To build a new innovative solution through which a user can directly make their online purchases based on their choice, without any search using a chatbot.
3	Novelty / Uniqueness	Searching or filtering of products can bedone with ease using chatbot.
4	Social Impact / Customer Satisfaction	Customers can get their products easily through chatbot without not being redirected to multiple pages.
5	Business Model (Revenue Model)	Shipping charges, and advertisement.
6	Scalability of the Solution	More number of users can be managed effectively, since entire application is hosted on cloud.

3.4. Problem Solution Fit
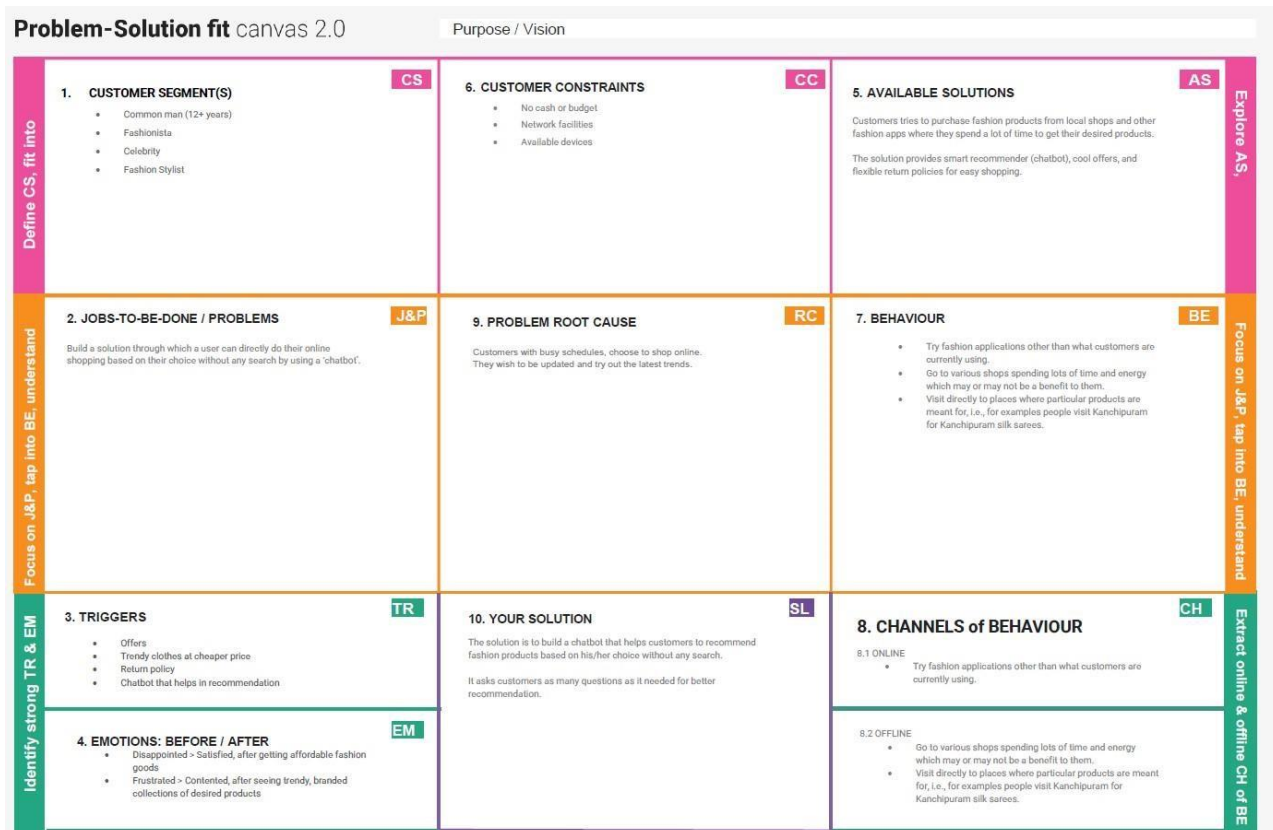
Figure 3.4.1: Problem Solution Fit

4. REQUIREMENT ANALYSIS

4.1. Functional requirement

Table 4.1.1: Functional Requirements

FR No.	Functional Requirement (Epic)	Sub Requirement (Story/ Sub-Task)
FR-1	User Registration	Registration through Form.
FR-2	User Confirmation	Confirmation via Email.
FR-3	User Search	Through search box and chatbot.
FR-4	User payment	Through UPI/Net banking/COD.
FR-5	Chatbot recommendation	Recommends products according to user commands.

4.2. Non-Functional requirement

Table 4.1.2: Non-Functional Requirements

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User friendly interface that makes them easy to access.
NFR-2	Security	Data will not be misused by any third party applications.
NFR-3	Reliability	Resetting password if user is unable to login (forget password option)
NFR-4	Performance	Chatbot for apt recommendation and quicker search.
NFR-5	Availability	New collections are available according to the trend.
NFR-6	Scalability	More number of users can be managed effectively, since entire application is hosted on cloud.

5. PROJECT DESIGN

5.1. Data Flow Diagram
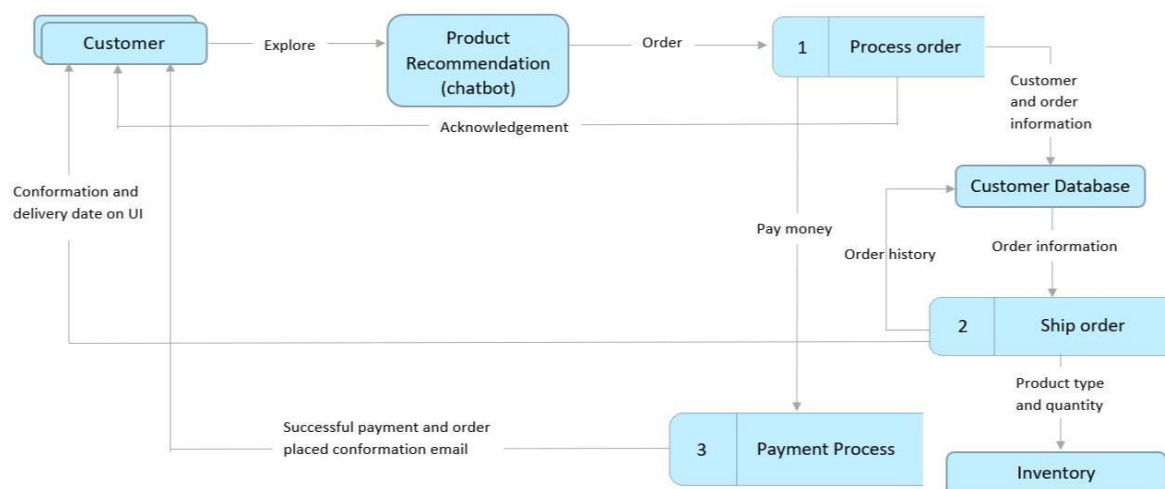
5.2. Solution & Technical Architecture

Solution Architecture
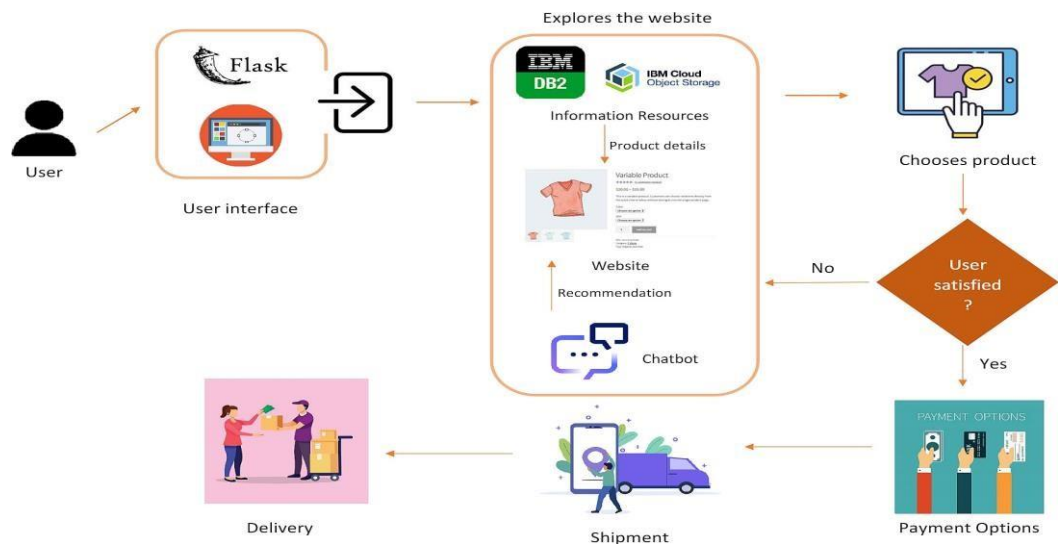
Figure 5.2.1: Solution Architecture

Technical Architecture
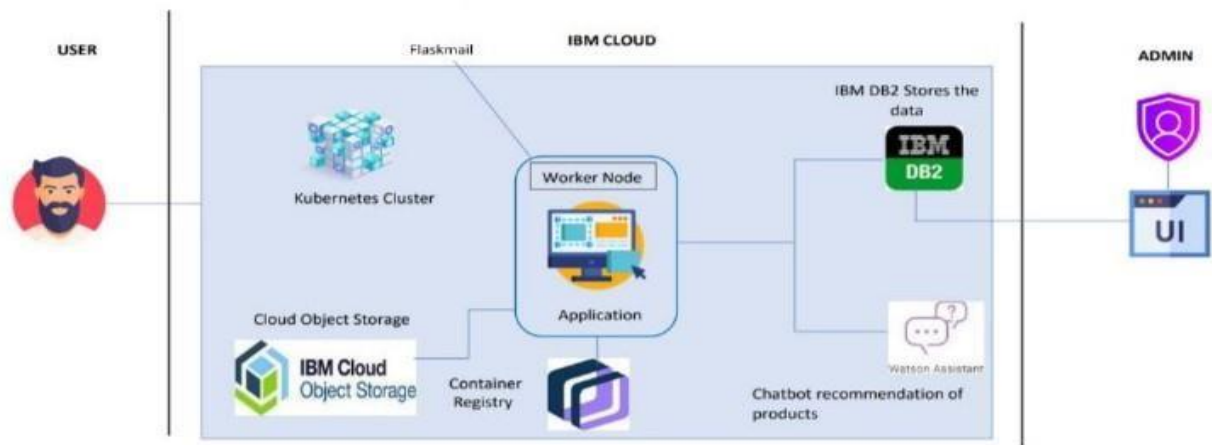
Figure 5.2.2: Technical Architecture

5.3. User Stories

Table 5.3.1: User Stories

User Type	Functional Requirement (Epic)	User story Number	User Story / Task	Acceptance Criteria	Priority	Release
Customer (Web user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account or redirect to the next process.	High	Sprint-1
		USN-2	As a user, Iwill receive a confirmation email, once I have registered for the application.	I can receive confirmation email & click confirm	High	Sprint-1
	Login	USN-3	As a user, I can log into the application by entering email & password	I can be redirected to the dashboard.	High	Sprint-1

User Type	Functional Requirement (Epic)	User story Number	User Story / Task	Acceptance Criteria	Priority	Release
	Dashboard	USN-4	As a user, I can explore the products on the site.	I can ask recommendations from the chatbot.	High	Sprint-1
				I can view the offers and deals.		
	Chatbot	USN-5	As a user, I can find my desired products through recommendation.	I can save my time in exploring the products.	High	Sprint-2
	Wish list	USN-6	As a user, I can add the products to my wish list.	I can save products for future reference.	Medium	Sprint-2
	Payment	USN-7	As a user, I can make payment.	I will receive mail after successful payment.	High	Sprint-3

	Payment Confirmation	USN-8	As a user, I will receive a confirmation email.	I can be assured of secured payment.	High	Sprint-3
	Coupon Generation	USN-9	As a user, I will be provided with customized coupons on my birthday.	I will be contented and saving money on my special day.	Low	Sprint-4
	Shipping	USN-10	As a user, I will be able to view the estimated time of delivery.	I can track my orders.	Medium	Sprint-4
Administrator	Login	USN-11	As an admin, I can register for the application by entering my email, password, and confirming my password.	I can track users' purchases.	High	Sprint-4
				I can check the database of the stock.		

6. PROJECT PLANNING & SCHEDULING

6.1. Sprint Planning & Estimation

Table 6.1.1: Sprint Planning & Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Shenbaga kalyani

Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	PARTHIBAN
Sprint-1	Login (User)	USN-3	As a user, I can log into the application by entering email and password	2	High	PARTHIBAN
Sprint-1	Dashboard	USN-4	As a user, I can explore the products on the site.	5	High	Shenbaga kalyanii
		USN-5	As a user, I can view offers.	3	Medium	mathavan
Sprint-2	Chatbot	USN-6	As a user, I can find my desired products through recommendation.	8	High	Parthiban,mathavan , Shenbaga kalyani
		USN-7	As a user, I can ask queries and get clarified.	5	High	NAGARAJAN, Mathavan,Shenbaga kalyani

		USN-8	As a user, I can get suggestion on color combinations.	2	Medium	NAGARAJAN
Sprint-3	Wish-list	USN-9	As a user, I can add the products to my wish list.	2	Medium	Shenbaga kalyani
Sprint-3	Payment	USN-10	As a user, I can make payment.	8	High	Shenbaga Kalyani ,Nagarajan, Mathavan, parthiban

Sprint-3	Order confirmation	USN-11	As a user, I will receive a confirmation email.	5	High	NAGARAJAN& PARTHIBAN& Shenbaga kalyani
Sprint-4	Coupon generation	USN-12	As a user, I will be provided with customized coupons on my birthday.	8	Low	NAGARAJAN& PARTHIBAN& Shenbaga kalyani
Sprint-4	Shipping	USN-13	As a user, I will be able to view the estimated time of delivery.	3	Medium	Shenbaga kalyan& MATHAVAN
Sprint-4	Login (Administrator)	USN-14	As an admin, I can register for the application by entering my email, password, and confirming my password.	2	High	Shenbaga Kalyani& MATHAVAN
		USN-15	As an admin, I can check out the database about the stock and have a track of all the things that the users are purchasing.	2	Medium	Shenbaga Kalyani

6.2. Sprint Delivery Schedule

Table 6.2.1: Sprint Delivery Schedule

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	15	6 Days	24 Oct 2022	29 Oct 2022	29 Oct 2022	29 Oct 2022

Sprint-2	15	6 Days	31 Oct 2022	05 Nov 2022	06 Nov 2022	05 Nov 2022
Sprint-3	15	6 Days	07 Nov 2022	12 Nov 2022	12 Nov 2022	12 Nov 2022
Sprint-4	15	6 Days	14 Nov 2022	19 Nov 2022	19 Nov 22	19 Nov 2022

6.3. Reports from JIRA

Roadmap
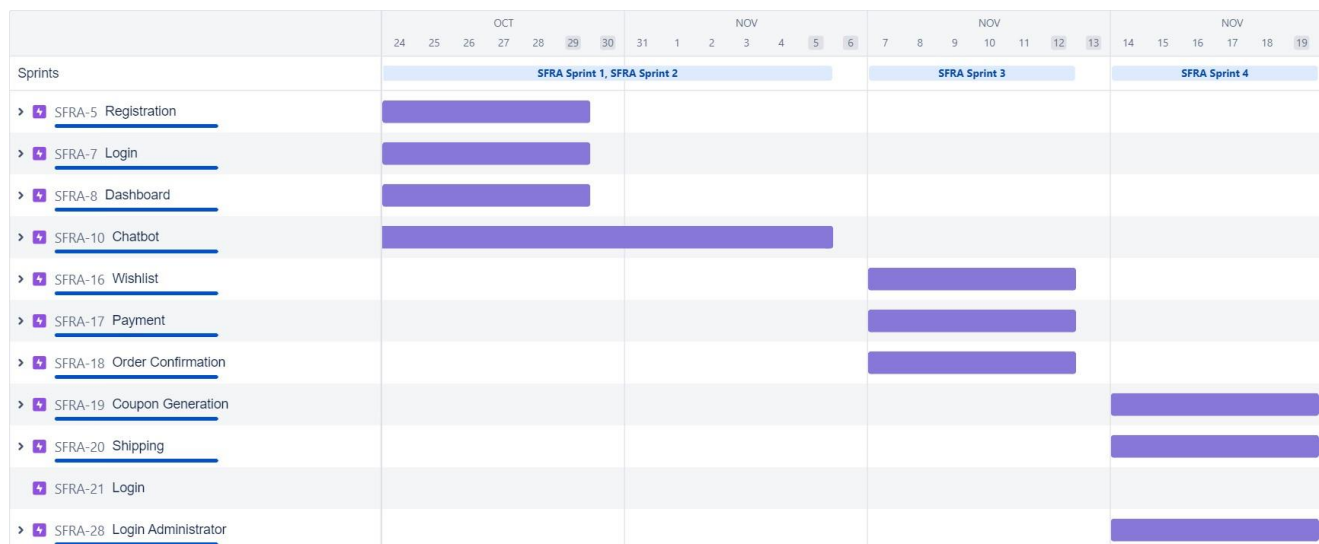
Figure 6.3.1: Roadmap

Sprint 1 Report
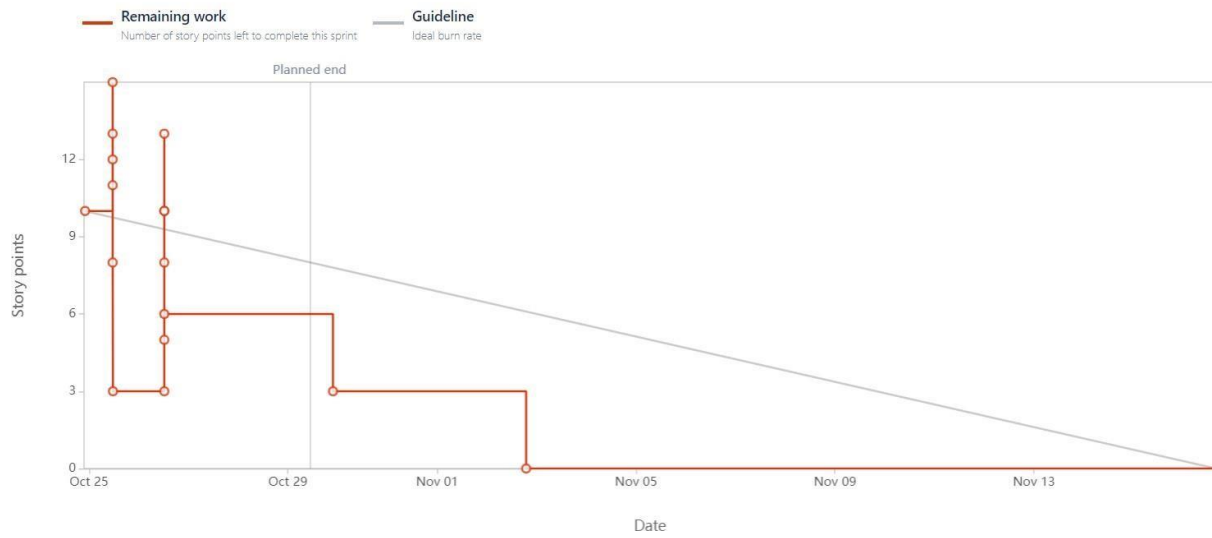
Figure 6.3.2: Sprint 1 Report

Sprint 2 Report
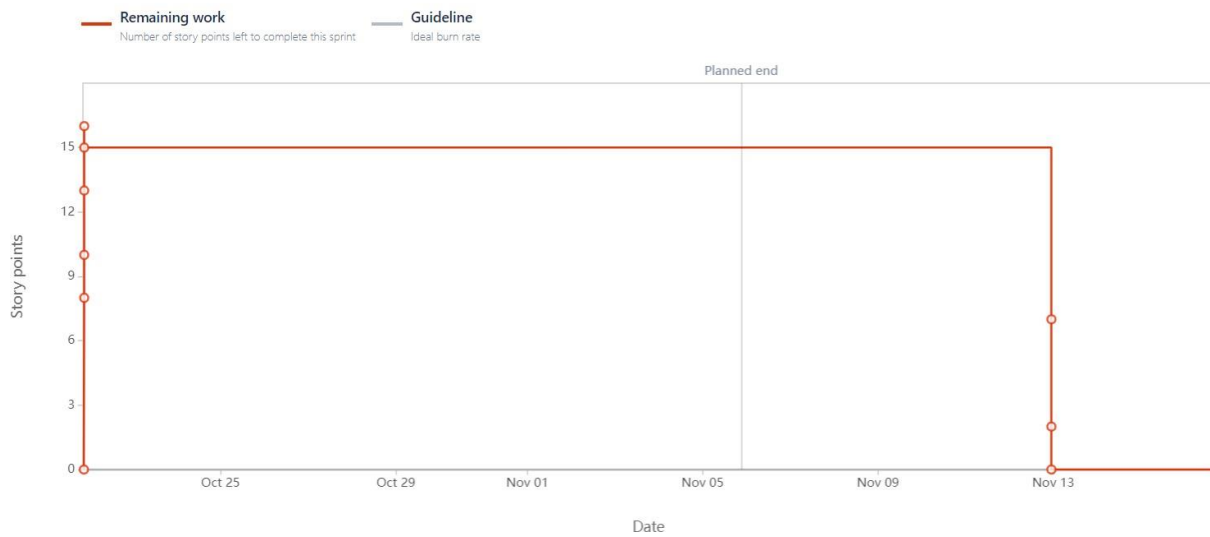
Figure 6.3.3: Sprint 2 Report

Sprint 3 Report

Figure 6.3.2: Sprint 3 Report

Sprint 4 Report

Date - November 14th, 2022 - November 19th, 2022
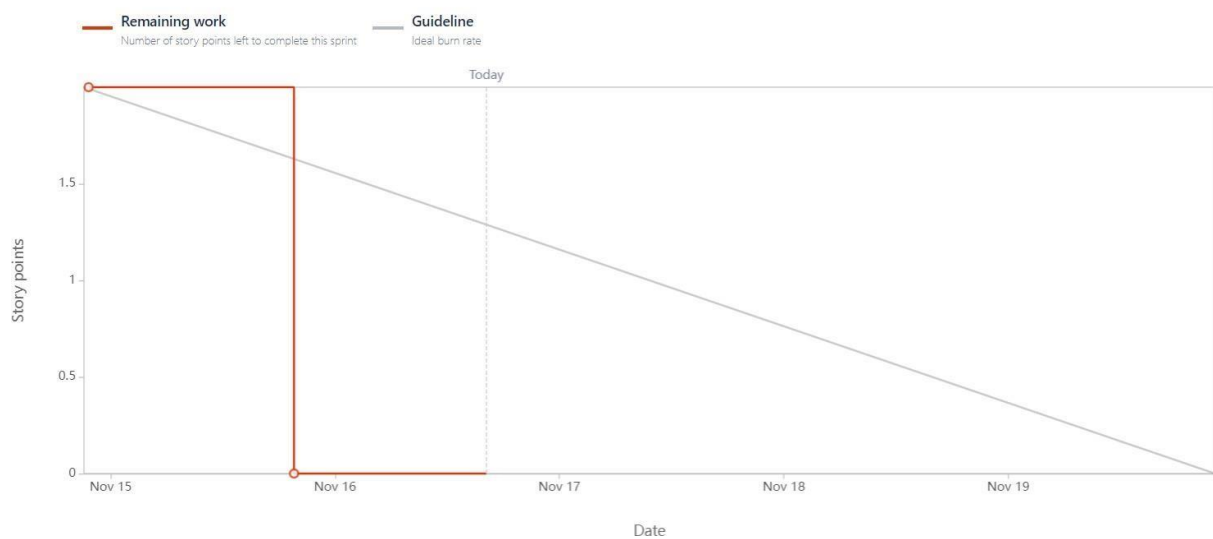
Figure 6.3.4: Sprint 4 Report

7. CODING & SOLUTIONING

7.1. Feature 1

Chatbot:

A chatbot has been integrated with the application for recommending fashion products based on the user's preference. For this, IBM Watson Assistant has been used. The chatbot, before suggesting products, asks the user few questions to learn about what the user wants. The chatbot retrieves the product details from the cloud, according to the customer responses to the questions being asked.

Code:

home.html

```html
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Sash
  Vogue</title>
  <link rel="icon" type="image/jpeg" href="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/logo.jpeg')}}" sizes="200x200">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css"
integrity="sha384-
xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N"
crossorigin="anonymous">
  <link rel="stylesheet" href="{{url_for('static',filename='styles/styles.css')}}" type="text/css">
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link
href="https://fonts.googleapis.com/css2?family=Jost:wght@500&family=Quicksand:wght@300&fam
i ly=Courgette&display=swap" rel="stylesheet">
  <script src="https://kit.fontawesome.com/0a56e63d65.js" crossorigin="anonymous"></script>
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script> </head>
<body style="background:url({{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/hmbg.png')}});background-repeat:        no-
repeat; background-attachment: fixed; background-position: center; background-size:
cover; "> {% from 'nav.html' import usedalot %}
  {{usedalot(uname) }}
  {% if uname!= None: %}
  <div style="display:flex;">
   <h4 style="font-family: 'Courgette', cursive;text-align: left;font-size: xx-large;margin-top:
8%;margin-left: 5%;font-weight: 100">Welcome {{uname}},</h4>
  </div>
  {% endif %}
  {% if uname== None: %}
```

```html
<div id="carouselExampleIndicators" class="carousel slide" style="margin:8% 3%;" data-ride="carousel">
  {% else: %}
  <div id="carouselExampleIndicators" class="carousel slide" style="margin:3%;" data-ride="carousel">
  {% endif %}
  <ol class="carousel-indicators">
    <li data-target="#carouselExampleIndicators" data-slide-to="0" class="active"></li>
    <li data-target="#carouselExampleIndicators" data-slide-to="1"></li>
    <li data-target="#carouselExampleIndicators" data-slide-to="2"></li>
    <li data-target="#carouselExampleIndicators" data-slide-to="3"></li>
    <li data-target="#carouselExampleIndicators" data-slide-to="4"></li>
    <li data-target="#carouselExampleIndicators" data-slide-to="5"></li>
    <li data-target="#carouselExampleIndicators" data-slide-to="6"></li>
    <li data-target="#carouselExampleIndicators" data-slide-to="7"></li>
  </ol>
  <div class="carousel-inner">
    <div class="carousel-item ">
      <a href="{{url_for('products_page',category='Kids',type='Boys T-Shirts')}}"> <img src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/kidspost.jpeg')}}" class="d-block w-100" alt="..."></a>
    </div>
    <div class="carousel-item active">
      <img src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/sale.jpeg')}}" class="d-block w-100" alt="...">
    </div>
    <div class="carousel-item">
      <a href="{{url_for('products_page',category='Women',type='Ethnic Wear')}}"><img src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/ethnic.jpg')}}" class="d-block w-100" alt="..."> </a>
    </div>
    <div class="carousel-item ">
      <a href="{{url_for('products_page',category='Women',type='Ethnic Wear')}}"><img src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/eid.jpeg')}}" class="d-block w-100" alt="..."> </a>
    </div>
    <div class="carousel-item">
      <a href="{{url_for('products_page',category='Footwears',type='Men')}}">
      <img src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/shoe.jpg')}}" class="d-block w-100" alt="..."></a>
    </div>
    <div class="carousel-item">
```

```html
    <a href="{{url_for('products_page',category='Men',type='Formals')}}">
     <img                                    src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/men.jpeg')}}" class="d-block w-100" alt="..."></a>
    </div>
    <div class="carousel-item">
     <a href="{{url_for('products_page',category='Accessories',type='Men watches')}}">
     <img                                    src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/watch.jpeg')}}" class="d-block w-100" alt="..."></a>
    </div>
    <div class="carousel-item">
     <a href="{{url_for('products_page',category='Women',type='Saree')}}">
     <img                                    src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/SAREE.jpg')}}" class="d-block w-100" alt="..."></a>
    </div>
   </div>
   <a    class="carousel-control-prev"    href="#carouselExampleIndicators"    role="button"    data-
slide="prev">
    <span class="carousel-control-prev-icon" aria-hidden="true"></span>
    <span class="sr-only">Previous</span>
   </a>
   <a    class="carousel-control-next"    href="#carouselExampleIndicators"    role="button"    data-
slide="next">
    <span class="carousel-control-next-icon" aria-hidden="true"></span>
    <span class="sr-only">Next</span>
   </a>
  </div>
  <div class="container">
   <div class="row">
    <div class="col-sm-12">
     <div class="section-title">
      <div class="divider"></div>
     </div>
    </div>
   </div>
  </div>
  <section id="featuresec">
   <h1 style="text-align:center; text-align: center;padding: 2%;font-weight: bolder;" class="h1style">F
E A T U R E S</h1>
   <div class="container">
    <div class="row">
     <div class="col-sm">
```

```html
      <h4>Free Shipping</h4>
          <img                        src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/free-delivery.png')}}" class="icon">
        <h4>Get Free shipping on all orders</h4>
      </div>
      <div class="col-sm">
        <h4>Easy Returns</h4>
          <img                        src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/product-return.png')}}" class="icon">
        <h4>7 days Return Policy</h4>
      </div>
      <div class="col-sm">
        <h4>Customer Support</h4>
          <img                        src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/support.png')}}" class="icon">
        <h4>24/7 Customer Support By our experts</h4> </div>
     </div>
    </div>
  </section>
  <div class="container">
   <div class="row">
    <div class="col-sm-12">
     <div class="section-title">
      <div class="divider"></div>
     </div>
    </div>
   </div>
  </div>
  <!--chatbot script -->
  {% from 'footer.html' import footer %}
  {{footer()}}
  <script> window.watsonAssistantChatOptions = { integrationID: "cba0c163-9f9a-42ce-
    b6e9-979ac6318cc0", // The ID of this integration. region: "au-syd", // The region your
    integration is hosted in.
     serviceInstanceID: "245858a6-01a2-41fc-8707-d603be17b8f0", // The ID of your service
instance.
     onLoad: function(instance) {
      instance.render();
     } };
    setTimeout(function() {
     const t = document.createElement('script');
```

```
    t.src = "https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion  ||  'latest')  +  "/WatsonAssistantChatEntry.js";
    document.head.appendChild(t);
    });
    </script>
    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>
    <script            src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
integrity="sha384-
Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
crossorigin="anonymous"></script>
    <script            src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"
integrity="sha384-
OgVRvuATP1z7JjHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JKI"
crossorigin="anonymous"></script>
    <script src="{{url_for('static',filename='script.js')}}" />
    <script    src="https://kit.fontawesome.com/0a56e63d65.js"    crossorigin="anonymous"></script>
</body>
</html>
```

7.2. Feature 2

Coupon Generation:

The application generates coupons based on the bill amount and birthday of a customer. It is user's wish to apply coupon for deduction in the amount or they can save it for later. If applied, the amount is reduced from the bill amount generated and the net price is paid by the customer.

Code:

main.py #payment
page
```
@app.route("/payment",methods=('GET','POST'))
def        payment_pg():        userid        =
session.get('logged_in_userid',  None)  uname  =
session.get('logged_in_username', None)
  arr       =        fetch_cartarr(userid)
  actualmon=datetime.date.today().mont
  h   actualday=datetime.date.today().day
  amtarr      =       totamtcalculation(arr)
  print(amtarr)
  if request.method == 'POST':    #coupon generation if bill amount > 1000 print("success")
    couponcode=request.form['couponcode']
    print(couponcode)
```

```python
address=request.form['address'] print(amtarr)
updateaddr="UPDATE user SET address='"+address+"' WHERE userid='"+userid+"'"
ibm_db.exec_immediate(conn,    updateaddr)    if(len(arr)!=0):    #birthdaycoupon
generation if (couponcode == 'shop25sv'): amtarr[2] = amtarr[2] - (amtarr[2] * 0.25)
    elif (couponcode == 'shi30obd'): amtarr[2]
        = amtarr[2] - (amtarr[2] * 0.3)
    elif (couponcode == 'sash50sma'): amtarr[2]
        = amtarr[2] - (amtarr[2] * 0.5)
    elif (couponcode == 'HBD60SAN'):
        amtarr[2] = amtarr[2] - (amtarr[2] * 0.6)
    print(amtarr)


query="select DOB,address from user where userid='"+userid+"'" stmt
= ibm_db.exec_immediate(conn, query)
res = ibm_db.fetch_tuple(stmt)
userdob=datetime.datetime.strptime(str(res[0]),                    "%Y-%m-%d")
userdobmon=userdob.month
userdobday=userdob.day

if(userdobmon == actualmon and userdobday ==
actualday): birthdaycoupon=True else:
    birthdaycoupon=False

return
render_template("payment.html",netamt=amtarr[2],birthdaycoupon=birthdaycoupon,userid=userid,res
=res,uname=uname)
```
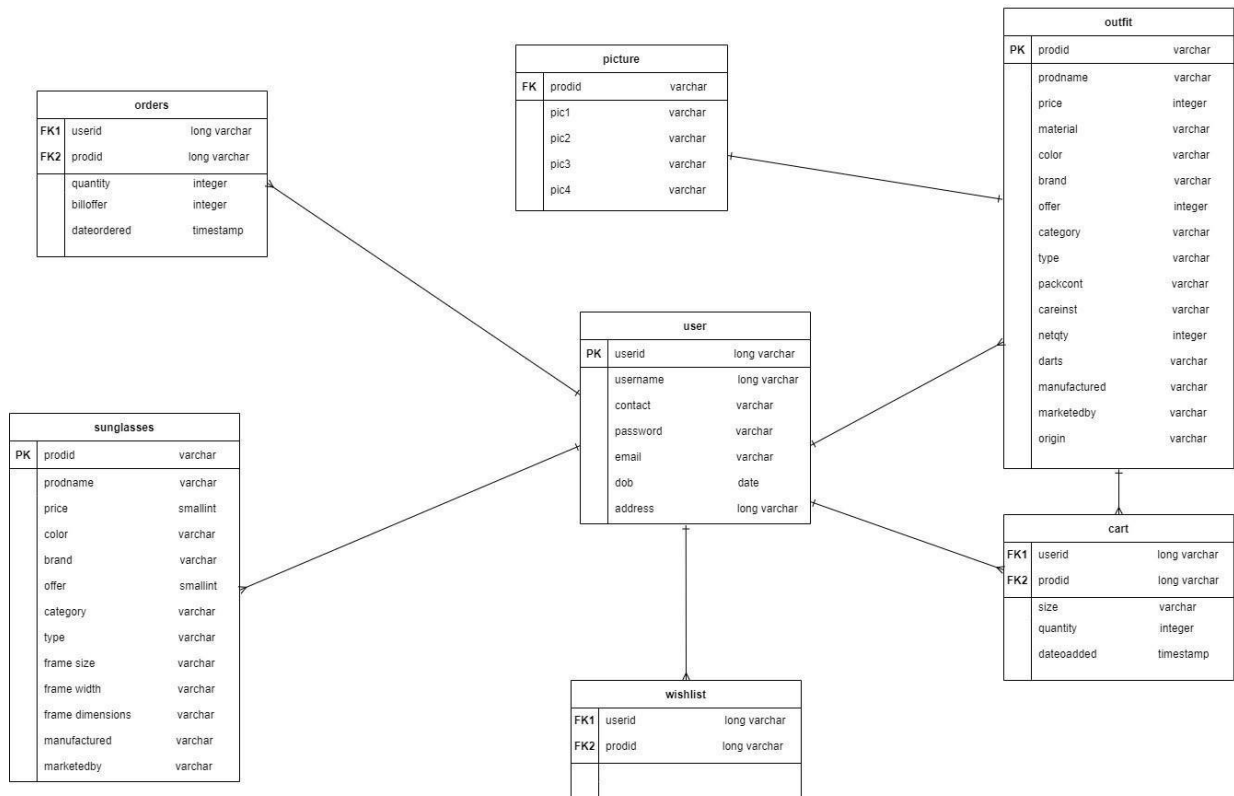
7.3. Database Schema

orders

FK1	userid	long varchar
FK2	prodid	long varchar
	quantity	integer
	billoffer	integer
	dateordered	timestamp

picture

FK	prodid	varchar
	pic1	varchar
	pic2	varchar
	pic3	varchar
	pic4	varchar

outfit

PK	prodid	varchar
	prodname	varchar
	price	integer
	material	varchar
	color	varchar
	brand	varchar
	offer	integer
	category	varchar
	type	varchar
	packcont	varchar
	careinst	varchar
	netqty	integer
	darts	varchar
	manufactured	varchar
	marketedby	varchar
	origin	varchar

user

PK	userid	long varchar
	username	long varchar
	contact	varchar
	password	varchar
	email	varchar
	dob	date
	address	long varchar

sunglasses

PK	prodid	varchar
	prodname	varchar
	price	smallint
	color	varchar
	brand	varchar
	offer	smallint
	category	varchar
	type	varchar
	frame size	varchar
	frame width	varchar
	frame dimensions	varchar
	manufactured	varchar
	marketedby	varchar

cart

FK1	userid	long varchar
FK2	prodid	long varchar
	size	varchar
	quantity	integer
	dateoadded	timestamp

wishlist

| FK1 | userid | long varchar |
| FK2 | prodid | long varchar |

Figure 7.3.1: Database Schema Diagram

8. TESTING

8.1. Test Cases
Sprint 1

Table 8.1.1: Sprint 1 Test Cases

Test case ID	LoginPage_TC_OOO2	LoginPage_TC_OO3	LoginPage_TC_OO4	LoginPage_TC_OO5
Feature Type	UI	Functional	Functional	Functional
Component	Home Page	Home page	Login page	Login page
Test Scenario	Verify if if the UI elements in Login/Signup popup	Verify if user is able to log into application with Valid credentials	Verify if user is able to log into application with InValid credentials	Verify if user is able to log into application with InValid credentials

Pre-Requisite	The user must know his/her login credentials like username and password.	The user must know his/her login credentials like username and password.	Credentials	Credentials
Steps To Execute	1. Enter URL and click go. 2. Click on My Account dropdown button. 3. Verify if login/Singup popup with below UI elements: a. email text box b. password text box c.Login button d.New customer? Create account link	1. Enter URL(websiteurl) and click go. 2. Click on My Account dropdown button. 3. Enter Valid username/email in Email text box. 4. Enter valid password in password text box. 5. Click on login button.	1. Enter URL(https://shopenzer.com/) and click go. 2. Click on My Account dropdown button. 3. Enter InValid username/email in Email text box. 4. Enter valid password in password text box. 5. Click on login button.	1. Enter URL(https://shopenzer.com/) and click go. 2. Click on My Account dropdown button. 3. Enter InValid username/email in Email text box. 4. Enter Invalid password in password text box. 5. Click on login button.
Test Data	http://159.122.181.169:32087/	Username: shirlsrocks password: 123	Username: shirleyrocks password: 123	Username: shirleyrocks password:345

Expected Result	Application should show below UI elements: a.username text box b.password text box c.Login button with orange colour d.New customer? Create account link	User should be able to go to home page of the website with the username displayed in the home page.	Application should show 'Invalid credentials. Please enter corect details' validation message.	Application should show 'Invalid credentials. Please enter corect details' validation message.
Actual Result	Working as expected	Working as expected	Working as expected	Working as expected
Status	Pass	Pass	Pass	Pass
Comments	The login page elements are as mentioned.	-	-	-
TC for Automation(Y/N)	-	-	-	-
BUG ID	-	-	-	-
Executed By	PARTHIBAN	SHENBAGA KALYANI	MATHAVAN	NAGARAJAN

Sprint 2

Table 8.1.2: Sprint 2 Test Cases

Test case ID	Product_Det_Page_TC_OO1	Product_Page_TC_OO2	Home_Page_TC_003	Home_Page_TC_004
Feature Type	Functional	UI	Functional	Functional

Component	Product Detail Page	Product page	Chatbot	Chatbot
Test Scenario	Adding Products to the cart	Verify if the user can view the product details	Verify if whether the chatbot is recommending the products	Verify if whether the user is provided with alternative combinations if the user is not satisfied with the recommendations
Pre-Requisite	Users should register with the website to add products to the cart	-	-	-
Steps To Execute	1. Enter URL and click go 2. Explore the products and add them to the cart.	1. Enter URL (website URL) and click go 2. Click the product you want to view	1. Enter URL (website URL) and click go 2. Click the chatbot 3. Ask some questions.	1. Enter URL (website URL) and click go 2. Click the chatbot 3. Tell I'm not satisfied
Test Data	http://159.122.181.169:32087/	http://159.122.181.169:32087/	http://159.122.181.169:32087/	http://159.122.181.169:32087/
Expected Result	The application should show below UI elements: a. Product details	Users should be able to go to the home page of our website with the username displayed on the home page.	A chatbot is recommending the products	Chatbot is recommending alternatives.
Actual Result	Working as expected	Working as expected	Working as expected	Working as expected
Status	Pass	Pass	Pass	Pass
Comments	-	-	-	-

TC for Automation (Y/N)	-	-	-	-
BUG ID	-	-	-	-
Executed By	PARTHIBAN	SHENBAGA KALYANI	MATHAVAN	NAGARAJAN

Sprint 3

Table 8.1.3: Sprint 3 Test Cases

Test case ID	Product_Page_TC_OO1	Payment_Page_TC_OO2	PaymentPage_TC_OO3
Feature Type	Functional	Functional	Functional
Component	Products Page	Payment page	Payment page
Test Scenario	Verify if if the user can add products to the wish list	Verify if if the user can make payment at the checkout page.	Verify if if the user can receive an order confirmation mail
Pre-Requisite	User should have signed in the website.	1. User should have signed in the website. 2. User should have facilities for netbanking to use 3rd party payment services.	1. User should have. signed in the website. 2. User should have email ID.
Steps To Execute	1. Enter URL and click go. 2. Explore the products. 3. Add the products to the wish list.	1. Enter URL (website URL) and click go. 2. Click on the My Account dropdown button. 3. Add products to the cart. 4. Click "Proceed to Buy". 5. Click the payment option you want to avail.	1. Enter the URL. 2. Make payment.

Test Data	http://159.122.181.169:32087/	http://159.122.181.169:32087/	http://159.122.181.169:32087/
Expected Result	Products are added to the wish list.	The user should be able to make payments.	The user should be able to receive a confirmation mail.
Actual Result	Working as expected	Working as expected	Working as expected
Status	Pass	Pass	Pass
Comments	-	-	-
TC for Automation(Y/N)	-	-	-
BUG ID	-	-	-
Executed By	PARTHIBAN& NAGARAJAN	SHENBAGA KALYANI	MATHAVAN

Sprint 4

Table 8.1.4: Sprint 4 Test Cases

Test case ID	Product_Page_TC_OO1	Payment_Page_TC_OO2	PaymentPage_TC_OO3
Feature Type	Functional	Functional	Functional
Component	Products Page	Payment page	Payment page
Test Scenario	Verify if if the user can add products to the wish list.	Verify if if the user can make payment at the checkout page.	Verify if if the user is able to receive an order confirmation mail.
Pre-Requisite	-	-	-

Steps To Execute	1. Enter URL and click go. 2. Explore the products. 3. Add the products to the wish list.	1. Enter URL (website URL) and click go 2. Click on the My Account dropdown button 3. Add products to the cart 4. Click "Proceed to buy" 5. Click the payment option you want to avail.	1. Enter the URL. 2. Make payment.
Test Data	http://159.122.181.169:32087/	http://159.122.181.169:32087/	http://159.122.181.169:32087/
Expected Result	Products are added to the wishlist	The user should be able to make payments.	The user should be able to receive a
			confirmation mail.
Actual Result	Working as expected	Working as expected	Working as expected
Status	Pass	Pass	Pass
Comments	-	-	-
TC for Automation(Y/N)	-	-	-
BUG ID	-	-	-
Executed By	PARTHIBAN& NAGARAJAN	SHENBAGA KALYANI	MATHAVAN

8.2.User Acceptance Testing

1. Purpose of Document

The purpose of this document is to briefly explain the test coverage and open issues of the Smart Fashion Recommender project at the time of the release to User Acceptance Testing (UAT).

2. Defect Analysis

This report shows the number of resolved or closed bugs at each severity level , and how they are resolved.

Table 8.2.1: Defect Analysis

	Total Cases	Not Tested	Fail	Pass
Print Engine	7	0	0	7
Client Application	51	0	0	51
Security	2	0	0	2
Outsource Shipping	3	0	0	3

Table 8.2.2: Test Case Analysis

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
By Design	10	4	2	3	19
Duplicate	1	0	3	0	4
External	2	3	0	1	6
Fixed	11	2	4	20	37
Not Reproduced	0	0	0	0	0
Skipped	3	0	1	1	5
Won't Fix	0	5	2	1	8
Totals	24	14	13	26	79

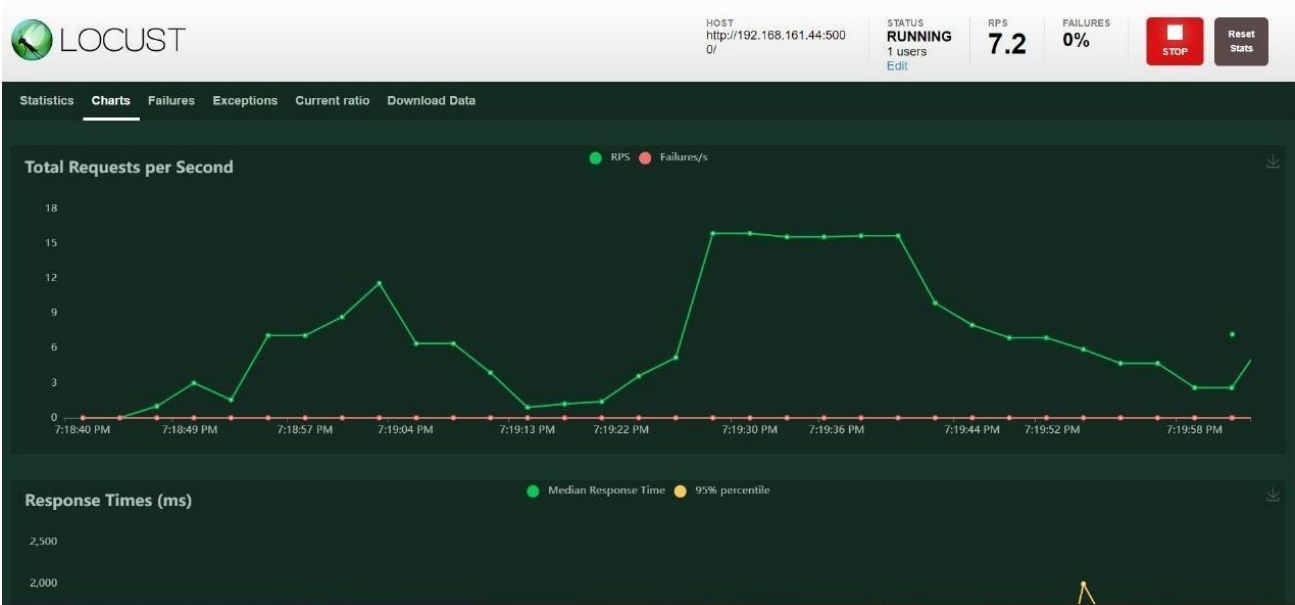# 9. RESULTS

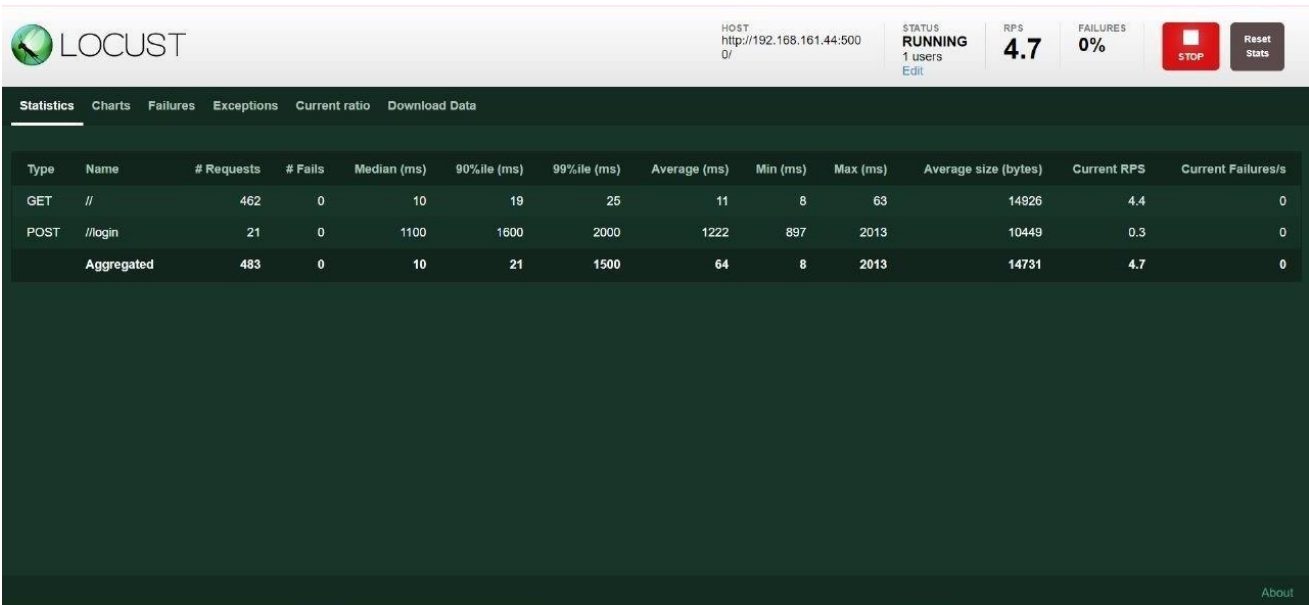## 9.1. Performance Metrics

Figure 9.1.1

Figure 9.1.2

10. ADVANTAGES & DISADVANTAGES

Advantages

1. Customers can save time by shopping online by selecting the item as per their choice without any hassle of going to a mall or a physical store for buying fashion products.
2. They can purchase products easily with the help of chatbot which is available 24/7 to assist them.
3. Customers can save money with the deals provided.
4. Users can save money by applying for coupons and get more trendy products with new offers and deals.
5. They do not have to stand in queues in cash counters to pay for the products.

Disadvantages

1. The sad part of online shopping is, customer cannot touch the product and feel how it is.
2. User may get disappointed if the expected product differs by color or size.
3. At times, the user will be frustrated if the products are damaged during delivery or if some parts are missing.
4. User may get annoyed if the product is not delivered at the estimated date.
5. Sometimes just to avail free shipping, user end up shopping more than your requirement.

11. CONCLUSION

Technology has made significant progress over the years to provide consumers with a better online shopping experience. Online shopping has opened up doors to many small retailers that would never be in business, if they had to incur the high cost of owning a fashion store. The integration of chatbot helps consumers to obtain referrals according to their interest and even their questions are answered, making the client more active within the site. The bottom line is that, everyone benefits, both customers and vendor.

12. FUTURE SCOPE

All walks of life wish for a simpler lifestyle. As a future enhancement, this application will further includes features like color combination recommendation (suggest colors that better match the color that the user is giving the virtual assistant), PO tracking, image search, show recently viewed products without logging into account for better user experience.
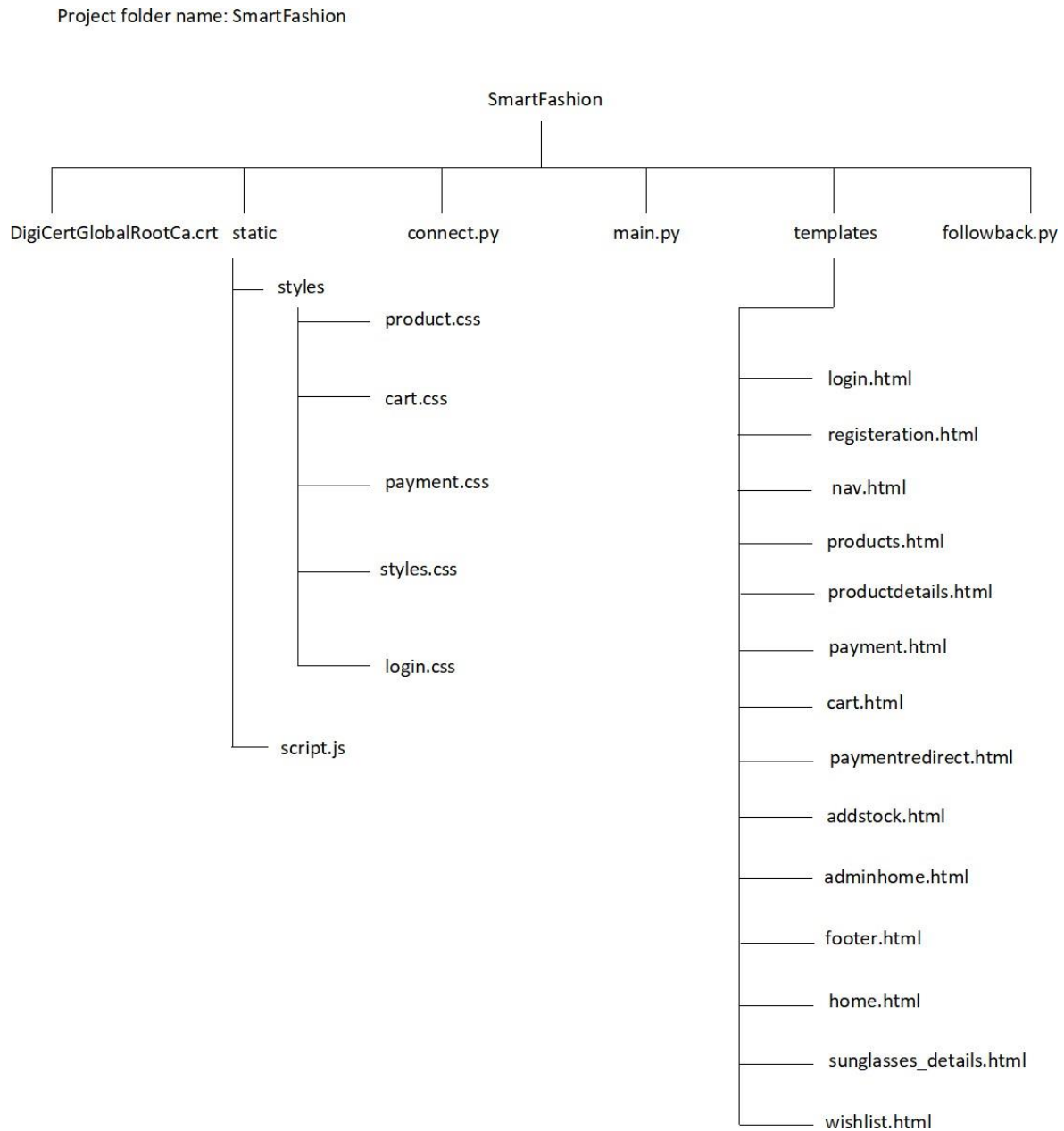
13. APPENDIX

Source Code

Directory Structure

Project folder name: SmartFashion

```
                                    SmartFashion
        ┌──────────────┬──────────┼───────────┬──────────────┬──────────────┐
DigiCertGlobalRootCa.crt  static  connect.py  main.py    templates    followback.py
                            │                                  │
                        ── styles                          login.html
                            │   ── product.css              registeration.html
                            │   ── cart.css                 nav.html
                            │   ── payment.css              products.html
                            │   ── styles.css               productdetails.html
                            │   ── login.css                payment.html
                        ── script.js                        cart.html
                                                            paymentredirect.html
                                                            addstock.html
                                                            adminhome.html
                                                            footer.html
                                                            home.html
                                                            sunglasses_details.html
                                                            wishlist.html
```

Figure 13.1: Project Directory (For Reference)

main.py from flask
import * from connect

```python
import * import
datetime
from urllib.parse import urlparse
import smtplib import random
from followback import * app=
Flask(_name_)
app.config['SECRET_KEY'] = 'df0331cefc6c2b9a5d0208a726a5d1c0fd37324feba25506' app=
Flask(_name_)
app.config['SECRET_KEY'] = 'df0331cefc6c2b9a5d0208a726a5d1c0fd37324feba25506'
app.config['MAIL_SERVER']='smtp.gmail.com' app.config['MAIL_PORT'] = 587
app.config['MAIL_USERNAME'] = 'fashionatsashvogue@gmail.com'
app.config['MAIL_PASSWORD']       =       'nhmhbqmdeuxrhvwv'
app.config['MAIL_USE_TLS'] = True app.config['MAIL_USE_SSL']
= False
mail = Mail(app)


#generating       email       def
mail_service(mailid,sub,body):
try:
    msg = Message(sub,sender="fashionatsashvogue@gmail.com",recipients=[mailid])
    msg.body = body mail.send(msg) print("Sent")
  except Exception as e:
    print("error")


#cart
@app.route("/cart",methods=('GET','POST'))
def cart_page():
  userid=session.get('logged_in_userid',       None)
  uname = session.get('logged_in_username', None)
  arr = fetch_cartarr(userid)

  amtarr=totamtcalculation(arr)
  if request.method == 'POST':
    prodid = request.form['prodid']
    print(prodid+"PRODID FROM CART")
    print(arr) flag = 0 for cartitems in arr:
      if (cartitems[6] == prodid and cartitems[8] > 1): flag
        = 1
        updatequery = "UPDATE cart set quantity=quantity-1 where prodid='" + prodid + "'"
        ibm_db.exec_immediate(conn, updatequery)
    if (flag != 1):
      querycart = "DELETE from cart where prodid='" + prodid + "'" ibm_db.exec_immediate(conn,
      querycart)
  return
render_template("cart.html",cartarr=arr,totcost=amtarr[0],totdis=amtarr[1],netamt=amtarr[2],uname=u
name,lencartarr=len(arr))
```

```python
#home        page        @app.route("/")        def        home_page():
logged_in_username  =  session.get('logged_in_username',  None)
logged_in_userid = session.get('logged_in_userid', None)
    return render_template("home.html",uname=logged_in_username,userid=logged_in_userid)


#logout page
@app.route("/logout") def
logout_pg():
session.clear()
    return redirect(url_for('loginpage'))


#external page
@app.route('/redirect_to')        def
redirect_to():        link        =
request.args.get('link',  '/')  return
redirect(link), 301


#registration page
@app.route("/register",methods=('GET','POST'))
def regpage():
    if request.method == 'POST':
        sub="Verify your email for Sash Vogue" form_checkvals =
        request.form.getlist("checkval")
        userid=str(random.randint(16565565445345,965655654453
        45)) email = request.form['mail'] dob=request.form['DOB']
        username                 =                 request.form['username']
        password=request.form['password']
        contact=request.form['contact']
        address=request.form['address'] query="insert into user
values('"+userid+"','"+username+"','"+contact+"','"+password+"','"+email+"','"+dob+"','"+addres
        s+"')" stmt=ibm_db.exec_immediate(conn,query) rowcount=ibm_db.num_rows(stmt)
        subject="Verify email for Sash Vogue"
        body="You have been successfully registered with Sash Vogue Community."

        if(len(form_checkvals) !=0 and form_checkvals[0]=='yes'): mail_service(email,subject,body)
        return redirect(url_for('loginpage')) return

    render_template("registration.html")


#login page
@app.route("/login",methods=('GET','POS
T')) def loginpage(): type='user' if
request.method == 'POST':
        uname = request.form['uname'] password
        = request.form['password']
        query = "select COUNT(*)from user where username='"+uname+"' and
```

```python
password='"+password+"""              stmt5          =
    ibm_db.exec_immediate(conn,query)  row  =
    ibm_db.fetch_tuple(stmt5)
    query1="select * from user where username='"+uname+"' and password='"+password+"""
    stmt2=   ibm_db.exec_immediate(conn,query1)    row2=    ibm_db.fetch_tuple(stmt2)
    if(row[0] ==1 ): session['logged_in_username'] = uname session['logged_in_userid'] =
    row2[0] session['logged_in_usermail']=row2[4] print(row2[4]) print(row2[1])
        return redirect(url_for('home_page'))
    else: flash("Invalid  credentials!  Please  enter  correct
        details")
  return render_template("login.html",type=type)




#redirect to payemnet process page
@app.route("/paymentredirect") def
payment_redirect():
   userid = session.get('logged_in_userid', None)
   umail=session.get('logged_in_usermail',None)
   arr=fetch_cartarr(userid)
   message = """Subject: Order Confirmation

Thank you for your order!. Your order has been received. Continue Shopping with Sash
   Vogue""" for item in arr: temp=item[1]-(item[1]*item[8]*item[7]/100) bill=int(temp)
   dt=datetime.datetime.now()
      query="insert into orders values(?,?,?,?,?)"
      stmt=ibm_db.prepare(conn,query)
      ibm_db.bind_param(stmt,1,userid)
      ibm_db.bind_param(stmt,        2,item[6])
      ibm_db.bind_param(stmt,        3,item[8])
      ibm_db.bind_param(stmt,     4,      bill)
      ibm_db.bind_param(stmt,     5,      dt)
      ibm_db.execute(stmt)
      mail_service(email,subject,body)     return
      redirect(url_for('redirect_to',link='https://r
      zp.io/l/Ninl0NjQ'))

#payment page
@app.route("/payment",methods=('GET','POST'))
def         payment_pg():         userid         =
session.get('logged_in_userid',  None)  uname  =
session.get('logged_in_username', None)
   arr       =        fetch_cartarr(userid)
   actualmon=datetime.date.today().mont
   h   actualday=datetime.date.today().day
   amtarr      =        totamtcalculation(arr)
   print(amtarr)
   if request.method == 'POST':   #coupon    generation    if    price    >1000
      print("success")
```

```python
        couponcode=request.form['couponcode']
        print(couponcode)
        address=request.form['address']
        print(amtarr)
        updateaddr="UPDATE user SET address='"+address+"' WHERE userid='"+userid+"'"
        ibm_db.exec_immediate(conn, updateaddr)    if(len(arr)!=0):    #birthdaycoupon
        generation if (couponcode == 'shop25sv'): amtarr[2] = amtarr[2] - (amtarr[2] * 0.25)
            elif (couponcode == 'shi30obd'): amtarr[2]
                = amtarr[2] - (amtarr[2] * 0.3)
            elif (couponcode == 'sash50sma'): amtarr[2]
                = amtarr[2] - (amtarr[2] * 0.5)
            elif (couponcode == 'HBD60SAN'):
                amtarr[2] = amtarr[2] - (amtarr[2] * 0.6)
            print(amtarr)


    query="select DOB,address from user where userid='"+userid+"'" stmt
    = ibm_db.exec_immediate(conn, query)
    res = ibm_db.fetch_tuple(stmt)
    userdob=datetime.datetime.strptime(str(res[0]), "%Y-%m-%d")
    userdobmon=userdob.month
    userdobday=userdob.day #birthday coupon generation

    if(userdobmon == actualmon and userdobday ==
    actualday): birthdaycoupon=True else:
        birthdaycoupon=False
    return
render_template("payment.html",netamt=amtarr[2],birthdaycoupon=birthdaycoupon,userid=userid,res
=res,uname=uname)


#admin stocks page @app.route("/addstock") def
add_Stockpg():                              return
render_template("addstock.html")
@app.route("/adminlogin",methods=('GET','POS
T')) def adminloginpage(): type='admin' if
request.method == 'POST':
        actualuname='admin'    actualpassword='123'    uname    =
        request.form['uname'] password = request.form['password']
        if(actualpassword == password and actualuname == uname ):
            return redirect(url_for('home_page'))
        else:
            flash("Invalid credentials! Please enter correct details")
    return render_template("login.html",type=type)


#admin            page
@app.route('/admin')
```

```python
def adminhomepage():
arr=[]
    query="select prodid,prodname,category,type,brand,price from outfit ORDER BY prodid"
    stmt = ibm_db.exec_immediate(conn, query) row = ibm_db.fetch_tuple(stmt) while (row):
        arr.append(row) # appending all dictionaries in arr row =

    ibm_db.fetch_tuple(stmt) # incrementing that is to next row return

    render_template("adminhome.html",prodarr=arr)


#product details
@app.route("/productdetails/<category>/<type>/<prodid>",methods=('GET','POST')
) def product_detailspg(category,type,prodid):
    o = urlparse(request.base_url)
    userid  =  session.get('logged_in_userid',  None)
    uname = session.get('logged_in_username', None)
    if (request.method=='POST'): if(uname !=None):
        arr = fetch_cartarr(userid)
        insert_intocart(arr,prodid,category,userid,type)
        return redirect(url_for('cart_page'))
      else:
        flash("Oops! Seems like you haven't registered with us. Sign Up")
    api=fetchapi(category)
    res18empty=False
    res19empty=False
    query="select o.*,p.pic1,p.pic2,p.pic3,p.pic1 from outfit o inner join picture p on o.prodid=p.prodid
where      o.prodid='"+prodid+"'"      stmt      =
    ibm_db.exec_immediate(conn,  query)  res  =
    ibm_db.fetch_tuple(stmt)            pricedisplay=
    round(res[2] -(res[2]*res[6] / 100)) if ((res[18] ==
    None) or (res[18] == "nil")): res18empty = True
    if( (res[19]==None) or (res[19]=="nil") ):
        res19empty=True



    return
render_template("productdetails.html",category=category,type=type,prodid=prodid,result=res,api=api
,r
es18empty=res18empty,res19empty=res19empty,pricedisplay=pricedisplay,hostname=o.hostname,po
rt =o.port,uname=uname)


#Accessories - Sunglass
@app.route("/sunglasses_/<category>/<type>/<prodid>",methods=('GET','PO
ST')) def sunglasses_detailspg(category,type,prodid): o =
urlparse(request.base_url) api=fetchapi(category) uname =
session.get('logged_in_username', None) userid =
session.get('logged_in_userid', None) if (request.method=='POST'): if (uname
!= None):
```

```
        arr = fetch_cartarr(userid)
        insert_intocart(arr, prodid, category, userid, type)
    else:
        flash("Please login to add the products to cart")
    api=fetchapi(category)
    query="select o.*,p.pic1,p.pic2,p.pic3,p.pic4,o.offer from sunglasses o inner join picture p on
o.prodid=p.prodid where o.prodid='"+prodid+"'"
    stmt = ibm_db.exec_immediate(conn, query)
    res = ibm_db.fetch_tuple(stmt)
    pricedisplay = round(res[2] - (res[2] * res[17] / 100)) return
render_template("sunglasses_details.html",category=category,type=type,prodid=prodid,result=res,api=
api,pricedisplay=pricedisplay,hostname=o.hostname,port=o.port,uname=uname)


#wishlist
@app.route('/wishlist') def wishlist_pg(): userid
= session.get('logged_in_userid', None) uname
= session.get('logged_in_username', None)
    arr=fetchwishlist(userid)
    return render_template("wishlist.html",wishlistarr=arr,uname=uname)


#products page
@app.route("/products/<category>/<type>",methods=('GET','POST'))
def products_page(category,type):
    arr=[]  userid  =  session.get('logged_in_userid',
    None) uname = session.get('logged_in_username',
    None)    api=""    if(request.method=='POST'):
    prodid=request.form['prodid'] if(uname != None):
        insertwishlist="insert into wishlist values
    ('"+userid+"','"+prodid+"')"
    ibm_db.exec_immediate(conn,insertwishlist) else:
        flash("Oops! Seems like you haven't registered with us. Sign Up")

    if(type != "Sunglasses"): #since sunglasses differ some characteristics with other products need to
create separate page.

        api=fetchapi(category)
        query="select o.prodid,o.prodname,o.brand,o.price,p.pic1,p.pic2,p.pic3,p.pic4,o.offer from outfit
o inner join picture p on o.prodid=p.prodid where category='"+category+"' and type='"+type+"'"
        stmt = ibm_db.exec_immediate(conn, query) row = ibm_db.fetch_tuple(stmt) while (row):
        arr.append(row) # appending all dictionaries in arr
            row = ibm_db.fetch_tuple(stmt) # incrementing that is to next row
    else:
        api = fetchapi(category)
        query = "select o.prodid,o.prodname,o.brand,o.price,p.pic1,p.pic2,p.pic3,p.pic4,o.offer from
sunglasses o inner join picture p on o.prodid=p.prodid where category='"+category+"' and
type='"+type+"'"    stmt   =   ibm_db.exec_immediate(conn,   query)   row   =
ibm_db.fetch_tuple(stmt) while (row):
```

```python
            arr.append(row) # appending all dictionaries in arr
            row = ibm_db.fetch_tuple(stmt) # incrementing that is to next row
    return
render_template("products.html",productsarr=arr,category=category,type=type,api=api,userid=userid,u
name=uname)


if(__name__=='__main__'):
    app.run(host ='0.0.0.0', port = 5000)
```

followback.py from
connect import * from
flask import * import
datetime

```python
#other use defined functions required def fetchapi(category): api="" if(category
=='Women'):                                          api='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/raspberryibmsfrappbucket/'
    elif (category == 'Men'): api = 'https://s3.jp-tok.cloud-object-
        storage.appdomain.cloud/iraash/'
    elif (category == 'Accessories'): api = 'https://s3.jp-tok.cloud-object-
        storage.appdomain.cloud/104084smartfashion/'
    elif (category == 'Kids'): api = 'https://s3.jp-tok.cloud-object-
        storage.appdomain.cloud/iraash/'
    elif (category == 'Footwears'):
        api = 'https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/'
    return api


def insert_intocart(arr,prodid,category,userid,type):
    dt=datetime.datetime.now()
    if (type == 'Dresses' or type == 'Kurtis' or type == 'Palazzo' or type == 'Western' or category == 'Men'
or category == 'Kids' or category == 'Footwears'):
        size = request.form['sizeval']
    else:
        size = "nil"
    flag = 0

    for cartitems in arr: #if already the user has added an item in cart quantity gets updated.
        if (cartitems[6] == prodid and cartitems[3]==size):
            flag = 1
            updatequery = "UPDATE cart set quantity=quantity+1 where prodid='" + prodid + "'"
            ibm_db.exec_immediate(conn, updatequery) break
    if (flag != 1):
        querycart="insert into cart values(?,?,?,?,?)"
        stmt = ibm_db.prepare(conn, querycart)
        ibm_db.bind_param(stmt, 1, userid)
        ibm_db.bind_param(stmt, 2, prodid)
```

```python
            ibm_db.bind_param(stmt, 3, size)
            ibm_db.bind_param(stmt, 4, 1)
            ibm_db.bind_param(stmt, 5, dt)
            ibm_db.execute(stmt)

def fetch_cartarr(userid): arr=[]
    query = "select o.prodname,o.price,p.pic1,c.size,o.category,o.type,o.prodid,o.offer,c.quantity from
outfit o inner join picture p on o.prodid=p.prodid INNER join cart c on c.prodid=p.prodid where
userid='"+userid+"' ORDER BY c.dateoadded DESC" stmt = ibm_db.exec_immediate(conn,
query) row = ibm_db.fetch_tuple(stmt) while (row): arr.append(row) # appending all dictionaries
in arr
        row = ibm_db.fetch_tuple(stmt) # incrementing that is to next row
    for i in range(0, len(arr)): arr[i]
        = list(arr[i])
    for  j  in  range(0,  len(arr)):
        imageapi  =  fetchapi(arr[j][4])
        arr[j][2] = imageapi + arr[j][2]
    constlen = len(arr)
    sunquery = "select o.prodname,o.price,p.pic1,c.size,o.category,o.type,o.prodid,o.offer,c.quantity
from sunglasses o inner join picture p on o.prodid=p.prodid INNER join cart c on c.prodid=p.prodid
where      userid='"+userid+"'      ORDER      BY      c.dateoadded      DESC"      sunstmt      =
ibm_db.exec_immediate(conn, sunquery) sunrow = ibm_db.fetch_tuple(sunstmt) while (sunrow):
arr.append(sunrow) # appending all dictionaries in arr
        sunrow = ibm_db.fetch_tuple(sunstmt) # incrementing that is to next row
    for i in range(constlen, len(arr)): arr[i]
        = list(arr[i])
    for j in range(constlen, len(arr)):
        imageapi2  =  fetchapi(arr[j][4])
        arr[j][2] = imageapi2 + arr[j][2]
    print(arr) return
    arr

def totamtcalculation(arr):
    totcost = 0 totdis = 0
    amtarr=[] for k in
    range(0, len(arr)):
        totcost = totcost + (arr[k][1] * arr[k][8]) temp
        = (arr[k][1] * arr[k][8] * arr[k][7]) / 100
        totdis = totdis + round(temp)
    netamt = totcost - totdis
    taxcalcnetamt = netamt + (netamt * 12) /
    100 amtarr.append(int(totcost))
    amtarr.append(int(totdis))
    amtarr.append(int(taxcalcnetamt)) return
    amtarr

def fetchwishlist(userid): arr=[]
```

```python
    query = "select o.prodid,o.prodname,o.price,p.pic1,o.category,o.type,o.brand,o.offer from outfit o
inner join picture p on o.prodid=p.prodid INNER join wishlist w on w.prodid=p.prodid where userid='"
+ userid + "'" stmt = ibm_db.exec_immediate(conn,
    query) row = ibm_db.fetch_tuple(stmt) while (row):
    arr.append(row) # appending all dictionaries in arr
        row = ibm_db.fetch_tuple(stmt) # incrementing that is to next row
    for i in range(0, len(arr)): arr[i]
        = list(arr[i])
    for  j  in  range(0,  len(arr)):
        imageapi = fetchapi(arr[j][4])
        arr[j][3] = imageapi + arr[j][3]
    constlen = len(arr)
    sunquery = "select o.prodid,o.prodname,o.price,p.pic1,o.category,o.type,o.brand,o.offer from
sunglasses o inner join picture p on o.prodid=p.prodid INNER join wishlist w on
w.prodid=p.prodid where userid='" + userid + "'" sunstmt = ibm_db.exec_immediate(conn,
sunquery) sunrow = ibm_db.fetch_tuple(sunstmt) while (sunrow): arr.append(sunrow) # appending
all dictionaries in arr
        sunrow = ibm_db.fetch_tuple(sunstmt) # incrementing that is to next row
    for i in range(constlen, len(arr)): arr[i]
        = list(arr[i])
    for j in range(constlen, len(arr)):
        imageapi2 = fetchapi(arr[j][4])
        arr[j][3] = imageapi2 + arr[j][3]
    return arr
```

connect.py

```python
#connecting to IBM Db2 import
ibm_db
dsn_hostname = "9938aec0-8105-433e-8bf9-
0fbb7e483086.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud" # e.g.: "54a2f15b-5c0f-46df-8954-
7e38e612c2bd.c1ogj3sd0tgtu0lqde00.databases.appdomain.cloud" dsn_uid
= "tzg17937"        # e.g. "abc12345"
dsn_pwd = "RxjZkDB5SpKoGhvS" # e.g. "7dBZ3wWt9XN6$o0J" dsn_driver =
"{IBMDB2CL1}"
dsn_database = "bludb"        # e.g. "BLUDB"
dsn_port = "32459"           # e.g. "32733"
dsn_protocol = "TCPIP"        # i.e. "TCPIP"
dsn_security = "SSL"         #i.e. "SSL
dsn_cert="DigiCertGlobalRootCA.crt" dsn = (
    "DRIVER={0};"
    "DATABASE={1};"
    "HOSTNAME={2};"
    "PORT={3};"
    "PROTOCOL={4};"
    "UID={5};"
```

```
    "PWD={6};"
    "SECURITY={7};"
    "SSLServerCertificate={8};").format(dsn_driver, dsn_database, dsn_hostname, dsn_port,
dsn_protocol, dsn_uid, dsn_pwd,dsn_security,dsn_cert) try:
    conn = ibm_db.connect(dsn, "", "")
    print("Connected to database: ", dsn_database, "as user: ", dsn_uid, "on host: ", dsn_hostname)
except:
    print("Unable to connect: ", ibm_db.conn_errormsg())
# sql = "insert into user values('105','sahana@gmail.com','1234','sahanaparveen')"
# ibm_db.exec_immediate(conn, sql) print(dsn)
```

addstock.html <!DOCTYPE
html>
<html>
    <head>
        <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Sash
        Vogue</title>
        <link rel="icon" type="image/jpeg" href="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-
object- storage.appdomain.cloud/smartfashion2001/logo.jpeg')}}" sizes="200x200">
        <link   rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css" integrity="sha384-
xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N"
crossorigin="anonymous">
        <link rel="stylesheet" href="{{url_for('static',filename='styles/styles.css')}}" type="text/css">
        <link rel="preconnect" href="https://fonts.googleapis.com">
        <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
        <script src="{{url_for('static',filename='script.js')}}"/>
        <script defer src="https://use.fontawesome.com/releases/v5.15.4/js/all.js"></script> <script
        defer src="https://use.fontawesome.com/releases/v6.2.0/js/all.js"></script>
        <link
href="https://fonts.googleapis.com/css2?family=Alex+Brush&family=Quicksand:wght@300&family
= Jost:wght@500&display=swap" rel="stylesheet">
        <style>
            h1{
            margin-
            top:5%;
            text-
            align:cen
            ter;
                color:white;}
            .row {
```

```
            margin-top:20px;
            margin-left:300px;
            margin-right:300px;
            display:flex;
            color:gray;
            }
            .row1 {
            margin-top:20px;
            margin-left:300px;
            margin-right:300px;
            display:flex;
            color:gray;
            }

            .addstockbtn
            {
                margin: 2% 50%;
                background: rgba(161,25,75,255);
                color: white; font-weight:
                bolder;}

        </style>
    </head>
    <body          style="background:url({{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/adminbg.jpg')}});background-repeat:      OPACITY:0.4;
no- repeat; background-attachment: fixed; background-position: center; background-size: cover; ">
<nav class="navbar navbar-expand-lg fixed-top " style="padding:0rem 1rem; background:
black;">
            <a class="navbar-brand" id="brand" style="color:white;">SASH VOGUE</a>
    </nav>

    <h1>ADD STOCK</h1>
    <form>

        <div class="row">
            <div class="col">
                <input type="text" class="form-control" placeholder="PRODID"> </div>
            <div class="col">
                <input type="text" class="form-control" placeholder="PRODNAME">
            </div>
        </div>
        <div class="row">
            <div class="col">
                <input type="text" class="form-control" placeholder="PRICE">
            </div>
            <div class="col">
                <input type="text" class="form-control" placeholder="MATERIAL"> </div>
```

```html
      </div>
      <div class="row">
        <div class="col">
            <input type="text" class="form-control" placeholder="COLOR"> </div>
        <div class="col">
            <input type="text" class="form-control" placeholder="BRAND"> </div>
      </div>
      <div class="row">
        <div class="col">
            <input type="text" class="form-control" placeholder="OFFER">
        </div>
        <div class="col">
            <input type="text" class="form-control" placeholder="CATEGORY"> </div>
      </div>

      <div class="row">
        <div class="col">
            <input type="text" class="form-control" placeholder="CAREINST">
        </div>
        <div class="col">
            <input type="text" class="form-control" placeholder="NETQTY"> </div>
      </div>
      <div class="row">
        <div class="col">
            <input type="text" class="form-control" placeholder="DARTS">
        </div>
        <div class="col">
            <input type="text" class="form-control" placeholder="ORIGIN"> </div>
      </div>
      <div class="row">
        <div class="col">
            <input type="text" class="form-control" placeholder="TYPE"> </div>
      </div>
      <div class="row1">
        <div class="col">
          <textarea type="text" class="form-control" rows="4"cols="40"
placeholder="MARKETEDBY"></textarea>
        </div>
        <div class="col">
          <textarea type="text" class="form-control" rows="4"cols="40"
placeholder="PACKCONT"></textarea>
        </div>
        <div class="col">
          <textarea type="text" class="form-control" rows="4"cols="40"
placeholder="MANUFACTURED"></textarea>
        </div>
      </div>
```

```html
        <button class="addstockbtn btn">ADD</button> </form>
```

```html
   </body>
</html>
```

adminlogin.html
```html
<!DOCTYPE html>
<html>
   <head>
      <meta name="viewport" content="width=device-width, initial-scale=1.0">
      <title>Sash Vogue</title>
        <link rel="icon" type="image/jpeg" href="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-
object-storage.appdomain.cloud/smartfashion2001/logo.jpeg')}}" sizes="200x200">
        <link                                                             rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css" integrity="sha384-
xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N"
crossorigin="anonymous">
         <link rel="stylesheet" href="{{url_for('static',filename='styles/styles.css')}}" type="text/css">
         <link rel="preconnect" href="https://fonts.googleapis.com">
         <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
        <script src="{{url_for('static',filename='script.js')}}"/>
        <script defer src="https://use.fontawesome.com/releases/v5.15.4/js/all.js"></script> <script
        defer src="https://use.fontawesome.com/releases/v6.2.0/js/all.js"></script>
        <link
href="https://fonts.googleapis.com/css2?family=Alex+Brush&family=Quicksand:wght@300&family
=Jost:wght@500&display=swap" rel="stylesheet">
     <style>
        th, td { padding:
        15px;  text-align:
        bottom;
        }
        table, th,tr, td { border:
         3px    black     solid;
         color:white;
         }    tr:hover     {background-
        color:black;
        }
        th{font-weight:700px;
        font-family: "Times New Roman", Times, serif; background-color:black;
        } h1{text-align:center;
        color:white;margin:2%;
        }
     </style>
```

```html
    </head>
        <body style="background:url({{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/adminbg.jpg')}});background-repeat: no-repeat;
background-attachment: fixed; background-position: center; background-size: cover; ">
        <nav class="navbar navbar-expand-lg fixed-top " style="padding:0rem 1rem;   background:
black;">
                <a class="navbar-brand" id="brand" style="color:white;">SASH VOGUE</a>
                <button class="btn" style="background: white;font-weight: bolder;margin-left: 70%;"
>ADD STOCK </button>
        </nav>
        <h1><b>STOCK DETAILS</b></h1>
                <div class="stock" style="    margin: 0 5%;">
                    <table class="table table-hover">
                            <thead>
                              <tr>
                               <th scope="col">PRODUCT ID</th>
                               <th scope="col">PRODUCT NAME</th>
                               <th scope="col">CATEGORY</th>
                               <th scope="col">TYPE</th>
                               <th scope="col">STOCK</th>
                               <th scope="col">BRAND</th>
                               <th scope="col">PRICE</th>
                              </tr>
                            </thead>
                            <tbody>
                             {% for product in prodarr:%}
                              <tr>
                               <td>{{product[0]}}</td>
                               <td>{{product[1]}}</td>
                               <td>{{product[2]}}</td>
                               <td>{{product[3]}}</td>
                               <td>100</td>
                               <td>{{product[4]}}</td>
                               <td>{{product[5]}}</td> </tr>
                             <tr>
                            {% endfor %}
                            </tbody>
                    </table>
                </div>
        </body>
</html>
```

cart.html <!DOCTYPE
html>

```html
<html lang="en" dir="ltr" xmlns="http://www.w3.org/1999/html">
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Sash
  Vogue</title>
  <link rel="icon" type="image/jpeg" href="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/logo.jpeg')}}" sizes="200x200">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css"
integrity="sha384-
xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N"
crossorigin="anonymous">
  <link rel="stylesheet" href="{{url_for('static',filename='styles/cart.css')}}" type="text/css">
  <link rel="stylesheet" href="{{url_for('static',filename='styles/products.css')}}" type="text/css">
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <script defer src="https://use.fontawesome.com/releases/v6.2.0/js/all.js"></script>
  <script defer src="https://use.fontawesome.com/releases/v5.15.4/js/all.js"></script>
  <link href="https://fonts.googleapis.com/css2?family=Source+Serif+Pro&display=swap"
rel="stylesheet">
  <link
href="https://fonts.googleapis.com/css2?family=Jost:wght@500&family=Lora:ital,wght@1,500&fa
mi ly=Quicksand:wght@300&display=swap" rel="stylesheet"> <title>Sash Vogue</title>
</head>
<body>
  {% from 'nav.html' import usedalot %}
  {{ usedalot(uname) }}
  <div class="path" style="margin: 7% 0% 0% 5%;">
    <a href="{{url_for('home_page')}}">Home <i class="fa-solid fa-angle-right"></i></a> <a
    href="">Cart</a>
  </div>
  <div class="main">
    {% if( lencartarr != 0): %}
    <div class="productscartdiv">
      {% for cartitem in cartarr: %}
      <div class="maincart">
        <div class="cart">
          {% if cartitem[5] == 'Sunglasses': %}
          <a
href="{{url_for('sunglasses_detailspg',category=cartitem[4],type=cartitem[5],prodid=cartitem[6]
)}}"> <img class="cartimg" src="{{url_for('redirect_to',link=cartitem[2])}}"></a> {% else: %}
          <a
href="{{url_for('product_detailspg',category=cartitem[4],type=cartitem[5],prodid=cartitem[6])}}
"><i mg class="cartimg" src="{{url_for('redirect_to',link=cartitem[2])}}"></a> {% endif %}
        </div>
        <div class="cartdetails">
          <form method="post">
            <h4 class="cardtitle">{{cartitem[0]}}</h4>
            <h6>Price: ₹{{(cartitem[1] -(cartitem[1]*cartitem[7] / 100))|round|int}}</h6>
```

```html
      {% if cartitem[3]!= "nil" %}
      <h6>Size: {{cartitem[3]}}</h6>
      {%endif%}
      <h6>Quantity: {{cartitem[8]}}</h6>
      <br />
      <input type="hidden" value="{{cartitem[6]}}" name="prodid">
      <input type="submit" name="submit" class="cartbtn btn" value="Remove"> </form>
    </div>
  </div>
  {% endfor %}
</div>
{% endif %}
<!--    order card -->
{% if (lencartarr != 0): %}
<div class="ordercoupondiv">
  <div class="ordercard">
    <div>
      <h3>Order details</h3>
      <h6>Total Cost: ₹{{totcost}}</h6>
      <h6>Total Discount: ₹{{totdis}}</h6> <h6>Tax:
      12% </h6>
      <h6>Net Amount: ₹{{netamt}}</h6>
      <a href="{{url_for('payment_pg')}}" class="orderbtn">Proceed to buy</a>
    </div>
  </div>
</div>
{% endif %}
{% if(lencartarr == 0): %}
<h3 style="text-align:center;">Your cart is empty!</h3> {%
endif %}
</div>
<script>
window.watsonAssistantChatOptions = {
integrationID: "cba0c163-9f9a-42ce-b6e9-
979ac6318cc0", // The ID of this integration.
region: "au-syd", // The region your
integration is hosted in. serviceInstanceID:
"245858a6-01a2-41fc-8707-d603be17b8f0",
// The ID of your service instance. onLoad:
function(instance) {
  instance.render();
  } };
setTimeout(function()
{
  const t = document.createElement('script');
  t.src = "https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
```

```
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
    document.head.appendChild(t);
  });
 </script>
</body>
</html>
```

footer.html

```
{% macro footer() %}
<footer class="page-footer font-small cyan darken-3" style="background-color: rgb(140,121,135,
0.6)">
  <div class="footercontainer">
   <div class="footerrow">
    <div class="col-md-12 py-5">
     <div class="mb-5 flex-center" style="margin-left: 40%; margin-top: 2%;">
       <!-- Facebook -->
       <a class="fb-ic">
         <i class="fab fa-facebook-f fa-lg white-text mr-md-5 mr-3 fa-2x"> </i>
       </a>
       <!-- Twitter -->
       <a class="tw-ic">
         <i class="fab fa-twitter fa-lg white-text mr-md-5 mr-3 fa-2x"> </i> </a>
       <!--Linkedin -->
       <a class="li-ic">
         <i class="fab fa-linkedin-in fa-lg white-text mr-md-5 mr-3 fa-2x"> </i>
       </a>
       <!--Instagram-->
       <a class="ins-ic">
         <i class="fab fa-instagram fa-lg white-text mr-md-5 mr-3 fa-2x"> </i>
       </a>
       <!--Pinterest-->
       <a class="pin-ic">
         <i class="fab fa-pinterest fa-lg white-text fa-2x"> </i> </a>
     </div>
    </div>
   </div>
  </div>
  <!-- Footer Elements -->
  <!-- Copyright -->
  <div class="footer-copyright text-center py-3">© 2022 Copyright:
   <a href="/" style="color:#3f363c; text-decoration:none;"> sashvogue.com</a>
  </div>
  <!-- Copyright -->
</footer>
```

<!-- Footer -->
{% endmacro %}

home.html <!DOCTYPE
html>
<html lang="en" dir="ltr">
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Sash
  Vogue</title>
  <link rel="icon" type="image/jpeg" href="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/logo.jpeg')}}" sizes="200x200">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css"
integrity="sha384-
xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N"
crossorigin="anonymous">
  <link rel="stylesheet" href="{{url_for('static',filename='styles/styles.css')}}" type="text/css">
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link
href="https://fonts.googleapis.com/css2?family=Jost:wght@500&family=Quicksand:wght@300&fam
i ly=Courgette&display=swap" rel="stylesheet">
  <script src="https://kit.fontawesome.com/0a56e63d65.js" crossorigin="anonymous"></script>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js"></script>
</head>
<body style="background:url({{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/hmbg.png')}});background-repeat: no-
repeat; background-attachment: fixed; background-position: center; background-size:
cover; "> {% from 'nav.html' import usedalot %}
  {{usedalot(uname) }}
  {% if uname!= None: %}
  <div style="display:flex;">
    <h4 style="font-family: 'Courgette', cursive;text-align: left;font-size: xx-large;margin-top:
    8%;margin-left: 5%;font-weight: 100">Welcome {{uname}},</h4>
  </div>
  {% endif %}
  {% if uname== None: %}
  <div id="carouselExampleIndicators" class="carousel slide" style="margin:8% 3%;" data-
ride="carousel">
    {% else: %}
    <div id="carouselExampleIndicators" class="carousel slide" style="margin:3%;" data-
ride="carousel">
      {% endif %}
      <ol class="carousel-indicators">

```html
      <li data-target="#carouselExampleIndicators" data-slide-to="0" class="active"></li>
      <li data-target="#carouselExampleIndicators" data-slide-to="1"></li>
      <li data-target="#carouselExampleIndicators" data-slide-to="2"></li>
      <li data-target="#carouselExampleIndicators" data-slide-to="3"></li>
      <li data-target="#carouselExampleIndicators" data-slide-to="4"></li>
      <li data-target="#carouselExampleIndicators" data-slide-to="5"></li>
      <li data-target="#carouselExampleIndicators" data-slide-to="6"></li>
      <li data-target="#carouselExampleIndicators" data-slide-to="7"></li> </ol>
    <div class="carousel-inner">
    <div class="carousel-item ">
     <a     href="{{url_for('products_page',category='Kids',type='Boys     T-Shirts')}}">     <img
src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/kidspost.jpeg')}}" class="d-block w-100" alt="..."></a>
    </div>
    <div class="carousel-item active">
     <img                    src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/sale.jpeg')}}" class="d-block w-100" alt="...">
    </div>
    <div class="carousel-item">
     <a     href="{{url_for('products_page',category='Women',type='Ethnic     Wear')}}"><img
src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/ethnic.jpg')}}" class="d-block w-100" alt="..."> </a>
    </div>
    <div class="carousel-item ">
     <a     href="{{url_for('products_page',category='Women',type='Ethnic     Wear')}}"><img
src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/eid.jpeg')}}" class="d-block w-100" alt="..."> </a>
    </div>
    <div class="carousel-item">
    <a href="{{url_for('products_page',category='Footwears',type='Men')}}">
     <img        src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/shoe.jpg')}}" class="d-block w-100" alt="..."></a>
</div>
    <div class="carousel-item">
    <a href="{{url_for('products_page',category='Men',type='Formals')}}">
     <img              src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/men.jpeg')}}" class="d-block w-100" alt="..."></a>
    </div>
    <div class="carousel-item">
    <a href="{{url_for('products_page',category='Accessories',type='Men watches')}}">
     <img              src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/watch.jpeg')}}" class="d-block w-100" alt="..."></a>
    </div>
    <div class="carousel-item">
    <a href="{{url_for('products_page',category='Women',type='Saree')}}">
     <img              src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/SAREE.jpg')}}" class="d-block w-100" alt="..."></a>
```

```html
        </div>
      </div>
    <a    class="carousel-control-prev"    href="#carouselExampleIndicators"    role="button"    data-slide="prev">
      <span class="carousel-control-prev-icon" aria-hidden="true"></span>
      <span class="sr-only">Previous</span>
    </a>
    <a    class="carousel-control-next"    href="#carouselExampleIndicators"    role="button"    data-slide="next">
      <span class="carousel-control-next-icon" aria-hidden="true"></span>
      <span class="sr-only">Next</span>
    </a>
  </div>
  <div class="container">
   <div class="row">
    <div class="col-sm-12">
      <div class="section-title">
       <div class="divider"></div>
      </div>
     </div>
    </div>
  </div>
  <section id="featuresec">
    <h1 style="text-align:center; text-align: center;padding: 2%;font-weight: bolder;" class="h1style">F E A T U R E S</h1>
    <div class="container">
     <div class="row">
      <div class="col-sm">
       <h4>Free Shipping</h4>
       <img                              src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/free-delivery.png')}}" class="icon">
        <h4>Get Free shipping on all orders</h4>
      </div>
      <div class="col-sm">
       <h4>Easy Returns</h4>
       <img      src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/product-return.png')}}"
class="icon"> <h4>7 days Return Policy</h4>
      </div>
      <div class="col-sm">
       <h4>Customer Support</h4>
       <img                              src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/support.png')}}" class="icon">
        <h4>24/7 Customer Support By our experts</h4> </div>
     </div>
    </div>
  </section>
```

```html
<div class="container">
  <div class="row">
    <div class="col-sm-12">
      <div class="section-title">
        <div class="divider"></div>
      </div>
    </div>
  </div>
</div>
<!--chatbot script -->
{% from 'footer.html' import footer %}
{{footer()}}
<script> window.watsonAssistantChatOptions = { integrationID: "cba0c163-9f9a-42ce-b6e9-979ac6318cc0", // The ID of this integration. region: "au-syd", // The region your integration is hosted in.
    serviceInstanceID: "245858a6-01a2-41fc-8707-d603be17b8f0", // The ID of your service instance.
    onLoad: function(instance) {
      instance.render();
    } };
  setTimeout(function()
  {
    const t = document.createElement('script');
    t.src = "https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
    document.head.appendChild(t);
  });
</script>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj" crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js" integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js" integrity="sha384-OgVRvuATP1z7JjHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JKI" crossorigin="anonymous"></script>
<script src="{{url_for('static',filename='script.js')}}" />
<script src="https://kit.fontawesome.com/0a56e63d65.js" crossorigin="anonymous"></script>
</body>
</html>
```

login.html <!DOCTYPE
html>
<html>
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Sash
  Vogue</title>
  <link rel="icon" type="image/jpeg" href="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/logo.jpeg')}}" sizes="200x200">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css" integrity="sha384-xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N" crossorigin="anonymous">
  <link rel="stylesheet" href="{{url_for('static',filename='styles/login.css')}}" type="text/css">
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <script src="{{url_for('static',filename='script.js')}}" />
  <script defer src="https://use.fontawesome.com/releases/v5.15.4/js/all.js"></script> <script defer src="https://use.fontawesome.com/releases/v6.2.0/js/all.js"></script>
  <link href="https://fonts.googleapis.com/css2?family=Alex+Brush&family=Quicksand:wght@300&display=swap" rel="stylesheet">
</head>
{% if type=='user' : %}

<body style="background:url({{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/bg.jpg')}});background-repeat: no-repeat; background-attachment: fixed; background-position: center; background-size: cover; "> {% else: %}

  <body style="background:url({{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/adminbg.jpg')}});background-repeat: no-repeat; background-attachment: fixed; background-position: center; background-size: cover; "> {%endif%}
    <div class="container">
      <div class="d-flex h-100" style="width: 75%;">
        <div class="card">
          <div class="card-body">
            {% with messages = get_flashed_messages() %}
            {% if messages %}
            {% for message in messages %}
            <p style="color:white;text-align: center;">{{ message }}</p>
            {% endfor %}
            {% endif %}
            {% endwith %}
            {%   if(type=='user'): %}
            <h1 style="color:white;text-align:center; margin: 5%;"> Login </h1>
            {% else: %}
            <h1 style="color:white;text-align:center; margin: 5%;"> Admin Login </h1> {%
            endif %}

```html
        <form method="post" style="padding: 2.5%;">
          <div class="input-group form-group">
            <div class="input-group-prepend">
              <span class="input-group-text"><i class="fas fa-user"></i></span> </div>
            <input type="text" class="form-control" placeholder="Username" name="uname" value="{{
request.form['uname'] }}">
          </div>
          <div class="input-group form-group">
            <div class="input-group-prepend">
              <span class="input-group-text"><i class="fas fa-key"></i></span> </div>
            <input id="myInput" type="password" name="password" value="{{
request.form['password'] }}" class="form-control" placeholder="Password">
            <span style="background: white;border:0px;    border-radius: 0px" class="input-group-
text"><i onclick="myFunction()" style="color:black" id="icon" class="fas fa-eye-slash"></i></span>
          </div>
          <div class="form-group">
            <input type="submit" name="login" value="Login" class="btn
          login_btn"><br> <button type="reset" class="btn "
          name="button">Reset</button> </div>
        </form>
        {% if type=='user': %}
        <a href="{{url_for('regpage')}}">Don't have an account. Click here to register.</a><br> {%
        endif %}
      </div>
    </div>
  </div>
 </body>
</html>
```

nav.html

```html
{% macro usedalot(uname) %}
  <nav class="navbar navbar-expand-lg fixed-top " style="padding:0rem 1rem;">
    <a class="navbar-brand" id="brand" >SASH VOGUE</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="{{url_for('home_page')}}">HOME <span class="sr-
only">(current)</span></a>
      </li>
      <li class="nav-item dropdown">
```

```html
<a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">WOMEN</a> <div class="dropdown-menu" aria-labelledby="navbarDropdown">
    <a class="dropdown-item" href="{{url_for('products_page',category='Women',type='Dresses')}}" >Dresses</a>
    <a class="dropdown-item" href="{{url_for('products_page',category='Women',type='Kurtis')}}">Kurtis</a>
    <a class="dropdown-item" href="{{url_for('products_page',category='Women',type='Palazzo')}}">Palazzo & Pants</a>
    <a class="dropdown-item" href="{{url_for('products_page',category='Women',type='Saree')}}">Sarees</a>
    <a class="dropdown-item" href="{{url_for('products_page',category='Women',type='Western')}}">Western</a>
    <a class="dropdown-item" href="{{url_for('products_page',category='Women',type='Ethnic Wear')}}">Ethnic Wear</a>
    <a class="dropdown-item" >Accessories</a>
    <ul>
      <li style="list-style:none"><a class="dropdown-item" href="{{url_for('products_page',category='Accessories',type='Handbags')}}">Handbag</a> </li>
      <li style="list-style:none"><a class="dropdown-item" href="{{url_for('products_page',category='Accessories',type='Watches')}}">Watches</a>    </li><li style="list-style:none"><a class="dropdown-item" href="{{url_for('products_page',category='Accessories',type='Scarves & Stoles')}}">Scarves & Stoles </a> </li>
      <li style="list-style:none"><a class="dropdown-item" href="{{url_for('products_page',category='Accessories',type='Sunglasses')}}">Sunglasses </a> </li>
    </ul>
  </div>
</li>
<li class="nav-item dropdown">
<a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-toggle="dropdown" aria-haspopup="true" aria-expanded="false">MEN</a>
  <div class="dropdown-menu" aria-labelledby="navbarDropdown">
    <a class="dropdown-item" href="{{url_for('products_page',category='Men',type='Casuals')}}">Casuals</a>
    <a class="dropdown-item" href="{{url_for('products_page',category='Men',type='Formals')}}">Formals</a>
    <a class="dropdown-item" href="{{url_for('products_page',category='Men',type='T-shirt')}}">T-Shirts</a>
    <a class="dropdown-item" href="{{url_for('products_page',category='Men',type='Jeans')}}">Jeans</a>
    <a class="dropdown-item" >Accessories</a>
  <ul>
    <li style="list-style:none"><a class="dropdown-item" href="{{url_for('products_page',category='Accessories',type='Wallets')}}">Wallet</a> </li>
    <li style="list-style:none"><a class="dropdown-item" href="{{url_for('products_page',category='Accessories',type='Tie')}}">Tie</a> </li>
```

```html
      <li style="list-style:none"><a class="dropdown-item"
href="{{url_for('products_page',category='Accessories',type='Men   watches')}}">Watches</a>  </li>
      </ul>


      </div>
    </li>


    <li class="nav-item dropdown">
     <a class="nav-link dropdown-toggle" href="#" id="navbarDropdown" role="button" data-
toggle="dropdown" aria-haspopup="true" aria-expanded="false"> KIDS
     </a>
     <div class="dropdown-menu" aria-labelledby="navbarDropdown">
      <a class="dropdown-item" >Boys</a>
      <ul>
       <li                    style="list-style:none"><a                   class="dropdown-item"
href="{{url_for('products_page',category='Kids',type='Boys T-Shirts')}}">Tshirts</a> </li>
       <li                    style="list-style:none"><a                   class="dropdown-item"
href="{{url_for('products_page',category='Kids',type='Boys Trousers')}}">Trousers</a> </li>
      </ul>
        <a class="dropdown-item">Girls</a>
      <ul>
       <li                    style="list-style:none"><a                   class="dropdown-item"
href="{{url_for('products_page',category='Kids',type='Girls Frocks')}}">Frocks</a> </li>
        <li                style="list-style:none"><a                class="dropdown-item"
href="{{url_for('products_page',category='Kids',type='Girls Skirts & Tops')}}">Skirts and Tops</a>
</li>
      </ul>
     </div>
    </li>
    <li class="nav-item dropdown">
     <a  class="nav-link  dropdown-toggle"  href="#"  id="navbarDropdown"  role="button"  data-
toggle="dropdown" aria-haspopup="true" aria-expanded="false">
      FOOTWEARS
     </a>
     <div class="dropdown-menu" aria-labelledby="navbarDropdown">
     <a                                                          class="dropdown-item"
href="{{url_for('products_page',category='Footwears',type='Women')}}">Women</a>
     <a                                                          class="dropdown-item"
href="{{url_for('products_page',category='Footwears',type='Men')}}">Men</a>
       <a class="dropdown-item"
href="{{url_for('products_page',category='Footwears',type='Kids')}}">Kids</a>
</div>
     </li>
  {% if uname!=None: %}
    <li class="nav-item active">
     <a          class="nav-link         "          href="{{url_for('cart_page')}}"><img
src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
```

storage.appdomain.cloud/smartfashion2001/bag.png')}}" width="28" >(current)

        <li class="nav-item active">
         <img src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/love.png')}}" width="28" >(current)

             {% endif %}
        {% if uname==None: %}
        <li class="nav-item active">
         SIGNIN (current)

        <li class="nav-item active">
         SIGNUP (current)

        {% else: %}
         <li class="nav-item dropdown">

           {{uname}}

         <div class="dropdown-menu" aria-labelledby="navbarDropdown">
           <i style="color: black; position: relative;right: 5px;" class="fas fa-power-off"></i>Logout </div>

         {% endif %}

      </div>
    </nav>
    {% endmacro%}

payment.html

<!DOCTYPE html>
<html lang="en">
<head>

```html
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Sash
Vogue</title>
<link rel="icon" type="image/jpeg" href="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/logo.jpeg')}}" sizes="200x200">
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css"
integrity="sha384-
xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N"
crossorigin="anonymous">
<link rel="stylesheet" href="{{url_for('static',filename='styles/products.css')}}" type="text/css">
<link rel="stylesheet" href="{{url_for('static',filename='styles/payment.css')}}" type="text/css">
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<script defer src="https://use.fontawesome.com/releases/v6.2.0/js/all.js"></script>
<script defer src="https://use.fontawesome.com/releases/v5.15.4/js/all.js"></script>
<link
href="https://fonts.googleapis.com/css2?family=Jost:wght@500&family=Quicksand:wght@300
&Ale x+Brush&display=swap" rel="stylesheet"> <title>Fashion</title>
</head>
<!--<body style="background:url({{url_for('static',filename='bgs/PAYMENTBG.jpg')}});background-
repeat: no-repeat; background-attachment: fixed; background-position: center; background-size:
cover; ">-->
<body style="background:url({{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/hmbg.png')}});background-repeat:         no-
repeat; background-attachment: fixed; background-position: center; background-size:
cover; "> {% from 'nav.html' import usedalot %}
{{ usedalot(uname) }}
<div class="path" style="margin: 7% 0% 0% 5%;">
 <a href="{{url_for('home_page')}}">Home <i class="fa-solid fa-angle-right"></i></a>
 <a href="{{url_for('cart_page')}}">Cart<i class="fa-solid fa-angle-right"></i></a> <a
 href="">Payment</a>
</div>
{% if(birthdaycoupon ==True): %}
<h1 style="font-family: 'Alex Brush', cursive;font-weight: 800;color:#1b8981; text-align:
 center;">Hey it's your birthday!!! Check out your special birthday coupon</h1>
{%endif %}
<form method="post">
 <div class="main" style="display:flex;">
  <div class="deliaddress">
   <h2 style="font-weight: bold;">Delivery Address</h2>
   <textarea        id="deliaddr"        rows="7"        cols="100"        name="address"
value="{{request.form['address']}}">{{res[1]}}</textarea><br>
   <h2 style="font-weight: bold;">Bill Details</h2>
   <!-- Final amount tobe paid is displayed      -->
   <h5>Bill Amount: Rs. {{netamt|round|int}}</h5>
   <input        type=checkbox        id="coupon"        name="coupon"        value="yes"
onclick="checkcouponprice({{netamt}},'{{birthdaycoupon}}')"> Apply Coupon<br><br>
```

```html
<p>Coupon will be offered if your amount exceeds ₹1000</p>
<h2 style="font-weight: bold;">Payment Mode</h2>
<div style="display:flex; padding: 30px;">
 <button class="paymentmode" id="razpay">
  <a href="{{url_for('payment_redirect')}}"><img style="height:55px; width:150px" src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/razorpay.png')}}" /></a>
    </button>
    <button class="paymentmode" id="cod" data-toggle="modal" data-target="#exampleModal">
     <img style="height:50px; width:50px" src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/cod.png')}}" id="cashon" /> Cash on Delivery
</button>
   </div>
  </div>
  <div class="modal fade" id="exampleModal" tabindex="-1" role="dialog" aria-labelledby="exampleModalLabel" aria-hidden="true">
   <div class="modal-dialog" role="document">
    <div class="modal-content">
     <div class="modal-header">
      <h5 class="modal-title" id="exampleModalLabel">Thank You for Shopping! Order Placed!!</h5>
       <button type="button" class="close" data-dismiss="modal" aria-label="Close"> <span
        aria-hidden="true">&times;</span>
       </button>
      </div>
      <div class="modal-body">
       Your order will be delivered on 19th November, 2022.<br>Payment Mode: Cash on Delivery<br>Amount: Rs. 8750
      </div>
      <div class="modal-footer">
       <button type="button" class="btn btn-secondary" data-dismiss="modal">Close</button>
       <a href="{{url_for('home_page')}}"><button type="button" class="btn btn-primary" id="done" style="background:#8c7987; border:#8c7987">Go to Home Page </button></a>
      </div>
     </div>
    </div>
   </div>
   <div class="couponcard" style="padding:1%" id="coupondiv">
    <h3 style="font-family: 'Lora', serif;">Coupons available for you</h3>
    <div class="couponimg" style="display:flex;flex-direction:column;align-items: center;"> {%
     if birthdaycoupon==True: %}
     <img src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/coupon4.jpg')}}" /> {% endif
%}
     <img                     src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/coupon1.jpg')}}" />
```

```html
<img                                    src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/coupon2.jpg')}}" />
<img                                    src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/coupon3.jpg')}}" />
<!-- <input type="text" placeholder="Enter the Coupon code" name="couponcode" value="{{
request.form['couponcode'] }}">-->
<input style="border-radius: 25px;" class="form-control mr-sm-2" placeholder="Coupon Code"
name="couponcode" value="{{ request.form['couponcode'] }}">
<input type="submit" class="btn couponbtn" name="submit" value="Apply">
</div>
</div>
</div>
</form>
<!-- Modal -->
<script> window.watsonAssistantChatOptions = { integrationID: "cba0c163-9f9a-42ce-
b6e9-979ac6318cc0", // The ID of this integration.
region: "au-syd", // The region your integration is hosted in.
serviceInstanceID: "245858a6-01a2-41fc-8707-d603be17b8f0", // The ID of your service instance.
onLoad: function(instance) {
instance.render();
} };
setTimeout(function()
{
const t = document.createElement('script');
t.src = "https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion  ||  'latest')  +  "/WatsonAssistantChatEntry.js";
document.head.appendChild(t);
});
function checkcouponprice(price, bdaycoupon) {
if (price < 1000 && bdaycoupon == "False")
window.alert("Coupon will be offered if your amount exceeds ₹1000");
else {
document.getElementById('coupondiv').style.visibility                         =                    "visible";
document.getElementById('coupon').style.visibility = "hidden";
}
} document.getElementById("cashon").addEventListener("click", function(event)
{
event.preventDefault()
});

document.getElementById("okdeliaddr").addEventListener("click", function(event) {
event.preventDefault()
});               document.getElementById("addredit").addEventListener("click",
function(event) {
event.preventDefault()
});
```

```javascript
const delibtn1 = document.getElementById('addredit');
delibtn1.addEventListener('click', () => { // show change
button, enable textarea
document.getElementById('deliaddr').disabled = false;
const delibtn2 = document.getElementById('okdeliaddr');
delibtn2.style.visibility = 'visible';
});
const delibtn2 = document.getElementById('okdeliaddr');
delibtn2.addEventListener('click', () => { //
  hide change button, disable textare
  document.getElementById('deliaddr').disabled = true;
  delibtn2.style.visibility = 'hidden';
});
<
!--
const donebtn = document.getElementById('done');
-- >
<
!--donebtn.addEventListener('click', () => {
  -- >
  <
  !-- // Go to Home Page-->
  <
  !--window.location.replace("http://192.168.1.100:5000/"); --
  >
  <
  !--
});
-- >
</script>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
integrity="sha384-
Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
crossorigin="anonymous"></script>
<script                    src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"
integrity="sha384-
OgVRvuATP1z7JjHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JKI"
crossorigin="anonymous"></script>
<script src="{{url_for('static',filename='script.js')}}" />
<script src="https://kit.fontawesome.com/0a56e63d65.js" crossorigin="anonymous"></script>
</body> </html>
```

paymetredirect.html <!DOCTYPE
html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>Title</title>
</head>
<body>
<h2>You are redirecting to payment page</h2>
</body>
</html>

productdetails.html
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Sash
  Vogue</title>
  <link rel="icon" type="image/jpeg" href="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smartfashion2001/logo.jpeg')}}" sizes="200x200">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css"
integrity="sha384-
xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N"
crossorigin="anonymous">
  <link rel="stylesheet" href="{{url_for('static',filename='styles/products.css')}}" type="text/css">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link href="https://fonts.googleapis.com/css2?family=Source+Serif+Pro&display=swap"
rel="stylesheet">
  <link
href="https://fonts.googleapis.com/css2?family=Jost:wght@500&family=Lora:ital,wght@1,500&fam
i ly=Quicksand:wght@300&display=swap" rel="stylesheet">
  <script src="https://kit.fontawesome.com/0a56e63d65.js" crossorigin="anonymous"></script>
</head>
<body>
  {% from 'nav.html' import usedalot %}
  {{usedalot(uname)}}
  <div class="path" style="margin: 7% 0% 0% 5%;">
   Home <i class="fa-solid fa-angle-right"></i>
   {{category}} - {{type}}
  </div>
  {% with messages = get_flashed_messages() %}
  {% if messages %}

```
{% for message in messages %}
<h4 style="color:black;text-align:center;font-weight:bolder;">{{ message }} !</h4> {%
endfor %}
{% endif %}
{% endwith %}
<div class="productdetaildiv">
  <div id="carouselExampleControls" class="carousel slide" data-ride="carousel">
    <div class="carousel-inner">
     <div class="carousel-item active">
      <img src="{{url_for('redirect_to',link=api+result[16])}}" class="d-block w-100" alt="...">
     </div>
     <div class="carousel-item">
      <img src="{{url_for('redirect_to',link=api+result[17])}}" class="d-block w-100" alt="...">
     </div>
     {% if (res18empty==False): %}
     <div class="carousel-item">
      <img  src="{{url_for('redirect_to',link=api+result[18])}}"  class="d-block  w-100"  alt="...">
     </div>
     {% endif %}
     {% if (res19empty==False): %}
     <div class="carousel-item ">
      <img  src="{{url_for('redirect_to',link=api+result[19])}}"  class="d-block  w-100"  alt="...">
     </div>
     {%endif%}
     <button  class="carousel-control-prev"  type="button"  data-target="#carouselExampleControls"
data-slide="prev">
      <span class="carousel-control-prev-icon" aria-hidden="true"></span>
      <span class="sr-only">Previous</span>
     </button>
     <button  class="carousel-control-next"  type="button"  data-target="#carouselExampleControls"
data-slide="next">
      <span class="carousel-control-next-icon" aria-hidden="true"></span>
      <span class="sr-only">Next</span>
     </button>
    </div>
  </div>
  <div class="detaildesc">
   <form method="post">
    <h1>{{result[1]}}</h1>
    <p>Price: ₹{{pricedisplay}}   <del>₹{{result[2]}}</del></p>
    <p>Offer: {{result[6]}}%</p>
    <p>Material: {{result[3]}}</p>
    <p>Colour: {{result[4]}}</p>
    <p>Brand: {{result[5]}}</p>
    {% if (category=='Women' and type!='Saree') and (category=='Women' and type!='Ethnic Wear')
:%}
    <div class="radio-toolbar">
```

```
<input type="radio" id="radioXS" name="sizeval" value="XS" checked>
<label for="radioXS">XS</label>
<input type="radio" id="radioS" name="sizeval" value="S">
<label for="radioS">S</label>
<input type="radio" id="radioM" name="sizeval" value="M">
<label for="radioM">M</label>
<input type="radio" id="radioL" name="sizeval" value="L">
<label for="radioL">L</label>
<input type="radio" id="radioXL" name="sizeval" value="XL">
<label for="radioXL">XL</label>
<input type="radio" id="radioXXL" name="sizeval" value="XXL">
<label for="radioXXL">XXL</label>
</div>
<a style="cursor: pointer; color:rgb(132 157 138);" data-toggle="modal" data-target="#exampleModal">Size chart</a>
{% elif category =='Men' :%}
<div class="radio-toolbar">
<input type="radio" id="radio38" name="sizeval" value="38" checked>
<label for="radio38">38</label>
<input type="radio" id="radio39" name="sizeval" value="39">
<label for="radio39">39</label>
<input type="radio" id="radio40" name="sizeval" value="40">
<label for="radio40">40</label>
<input type="radio" id="radio42" name="sizeval" value="42">
<label for="radio42">42</label>
<input type="radio" id="radio44" name="sizeval" value="44">
<label for="radio44">44</label>
<input type="radio" id="radio46" name="sizeval" value="46">
<label for="radio46">46</label>
</div>
<a style="cursor: pointer;color:rgb(132 157 138);" data-toggle="modal" data-target="#exampleModal">Size chart</a>
{% elif category == 'Footwears' and type=='Kids' :%}
<div class="radio-toolbar">
<input type="radio" id="radiok20" name="sizeval" value="20" checked>
<label for="radiok20">20</label>
<input type="radio" id="radiok21" name="sizeval" value="21">
<label for="radiok21">21</label>
<input type="radio" id="radiok22" name="sizeval" value="22">
<label for="radiok22">22</label>
<input type="radio" id="radiok23" name="sizeval" value="23">
<label for="radiok23">23</label>
<input type="radio" id="radiok24" name="sizeval" value="24">
<label for="radiok24">24</label>
<input type="radio" id="radiok25" name="sizeval" value="25">
<label for="radiok25">25</label>
</div>
```

```html
    <a style="cursor: pointer;color:rgb(132 157 138);" data-toggle="modal"
data- target="#exampleModal">Size chart</a> {% elif category == 'Footwears'
:%}
    <div class="radio-toolbar">
     <input type="radio" id="radiof40" name="sizeval" value="40" checked>
     <label for="radiof40">40</label>
     <input type="radio" id="radiof41" name="sizeval" value="41">
     <label for="radiof41">41</label>
     <input type="radio" id="radiof42" name="sizeval" value="42">
     <label for="radiof42">42</label>
     <input type="radio" id="radiof43" name="sizeval" value="43">
     <label for="radiof43">43</label>
     <input type="radio" id="radiof44" name="sizeval" value="44">
     <label for="radiof44">44</label>
     <input type="radio" id="radiof45" name="sizeval" value="45">
     <label for="radiof45">45</label>
    </div>
    <a     style="cursor:     pointer;color:rgb(132     157     138);"     data-toggle="modal"     data-
target="#exampleModal">Size chart</a>
    {% elif category =='Kids' :%}
    <div class="radio-toolbar">
     <input type="radio" id="radio2_3" name="sizeval" value="2-3Y" checked>
     <label for="radio2_3">2-3Y</label>
     <input type="radio" id="radio3-4" name="sizeval" value="3-4Y">
     <label for="radio3-4">3-4Y</label>
     <input type="radio" id="radio5-7" name="sizeval" value="5-7Y">
     <label for="radio5-7">5-7Y</label>
     <input type="radio" id="radio7-10" name="sizeval" value="7-10Y">
     <label for="radio7-10">7-10Y</label>
    </div>
    <a     style="cursor:     pointer;color:rgb(132     157     138);"     data-toggle="modal"     data-
target="#exampleModal">Size chart</a>
    {% endif %}
    <p>Return Policy: 7 days return policy</p>
    <p>Expected Delivery date: 19 Nov </p>
    <div style="display:flex;">
     <input   type="submit"   style="font-family:   'Quicksand',   sans-serif;"   class="btn   buynow"
value="Buy Now" />
     <input   type="submit"   style="font-family:   'Quicksand',   sans-serif;"   value="Add   To   Cart"
class="btn buynow" />
    <div class="content">
     <button class="shareButton main">
      <svg class="share" style="width:24px;height:24px" viewBox="0 0 24 24">
       <path  d="M18,16.08C17.24,16.08  16.56,16.38  16.04,16.85L8.91,12.7C8.96,12.47
        9,12.24
9,12C9,11.76 8.96,11.53 8.91,11.3L15.96,7.19C16.5,7.69 17.21,8 18,8A3,3 0 0,0 21,5A3,3 0 0,0
18,2A3,3 0 0,0 15,5C15,5.24 15.04,5.47 15.09,5.7L8.04,9.81C7.5,9.31 6.79,9 6,9A3,3 0 0,0 3,12A3,3
```

```
0 0,0 6,15C6.79,15 7.5,14.69 8.04,14.19L15.16,18.34C15.11,18.55 15.08,18.77 15.08,19C15.08,20.61
16.39,21.91 18,21.91C19.61,21.91 20.92,20.61 20.92,19A2.92,2.92 0 0,0 18,16.08Z" />
        </svg>
        <svg class="check" style="width:24px;height:24px" viewBox="0 0 24 24">
          <path d="M21,7L9,19L3.5,13.5L4.91,12.09L9,16.17L19.59,5.59L21,7Z" />
        </svg>
        <svg class="close" style="width:24px;height:24px" viewBox="0 0 24 24">
          <path
d="M19,6.41L17.59,5L12,10.59L6.41,5L5,6.41L10.59,12L5,17.59L6.41,19L12,13.41L17.59,19L19,1
7.59L13.41,12L19,6.41Z" />
        </svg>
      </button>
      <button class="shareButton fb" type="button" data-toggle="tooltip" data-placement="top"
title="Gmail">
        <a

href="https://mail.google.com/mail/?view=cm&fs=1&tf=1&to=&su=Hey!+Check+out+this+product+
from+Sash+Vogue&body=Hey!+I+found+this+for+you!+Check+this+out:+http://{{hostname}}:{{po
r t}}{{
url_for(request.endpoint,category=category,type=type,prodid=result[0])}}&ui=2&tf=1&pli=1"><i
          style="width:24px;height:24px;color:white;" class="fa-solid fa-
envelope"></i></a></button>


      <button class="shareButton tw" type="button" data-toggle="tooltip" data-placement="top"
title="WhatsApp">
        <a href="whatsapp://send?text=Check out this outfit! Looks like something celebrities would
wear: http://{{hostname}}:{{port}}{{
url_for(request.endpoint,category=category,type=type,prodid=result[0])}}"                    data-
          action="share/whatsapp/share"><i style="width:24px;height:24px;color:white;"
class="fa-brands fa-whatsapp "></i></a>
      </button>
      <button class="shareButton ig" type="button" data-toggle="tooltip" data-
placement="top" title="Copy link!" onclick="copyToClipboard('http://{{hostname}}:{{port}}{{
url_for(request.endpoint,category=category,type=type,prodid=result[0])}}')">
        <i style="width:24px;height:24px;color:white;" class="fa-solid fa-copy "></i></button>
      </div>
    </div>
    <a onclick="seemore('true')" id="seemoreid" style="cursor: pointer; visibility:visible;">Show
more <i class="fa fa-angle-down" aria-hidden="true"></i></a>
    <div id="hiddendetaildiv">
    <h3>Product Details</h3>
    <ul>
      {% if (category=='Footwears' and type=='Men') or (category=='Footwears' and type=='Women')
: %}
      <li>{{result[9]}}</li>
      {% else:%}
      <li>Package Contains: {{result[9]}}</li>
```

```
{% endif %}
<li>Material: {{result[3]}}</li>
<li>{{result[10]}}</li>
{% if (category=='Women' and type!='Saree') and (category=='Women' and type!='Ethnic
Wear') :%}
<li>{{result[12]}} Darts</li>
{% endif %}
<li>Product Code: {{result[0]}} </li>
<li>MRP: Rs.{{result[2]}} inclusive of all taxes(MRP changes as per size selection) </li>
<li>Net Quantity: {{result[11]}}</li>
<li>Marketed By: {{result[14]}}</li>
<li>Manufactured By: {{result[13]}}</li>
<li>Country Of Origin: {{result[15]}}</li>
<li>Customer Care Address: 124, Greenways Rd, Bishop Garden, Raja Annamalai Puram,
Trichy, Tamil Nadu-620001, Phone: 0431 2493 7803
      Mail: enquiries@sashvogue.co.in </li> </ul>
  <a onclick="seeless('true')" style="cursor: pointer;margin-top:1%">Show less <i class="fa-solid
fa-angle-up"></i></a>
    </div>
  </form>
 </div>
</div>
<div    class="modal    fade"    id="exampleModal"    tabindex="-1"    role="dialog"    aria-
labelledby="exampleModalLabel" aria-hidden="true">
  <div class="modal-dialog" role="document">
   <div class="modal-content">
    <div class="modal-header">
     <h5 class="modal-title" id="exampleModalLabel">Size Chart</h5>
     <button type="button" class="close" data-dismiss="modal" aria-label="Close"> <span
      aria-hidden="true">&times;</span>
     </button>
    </div>
   {% if category== 'Women' and type != 'Saree' : %}
   <div class="modal-body">
    <div class="togdiv">
     <input           type="checkbox"           id="switchwomen"           class="checkbox"
onclick="sizechartfunc('Women')" />
      <label for="switchwomen" class="toggle">
       <pre id="inwomen"> in </pre>
       <pre id="cmwomen">cm</pre>
      </label>
     </div>
    <img    id="sizechartwomen"    src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/sizechartinches.jpg')}}" class="d-block w-100" alt="...">
    </div>
   {% elif category=='Men' : %}
```

```
    <div class="modal-body"> <div
     class="togdiv">
      <input type="checkbox" id="switchmen" class="checkbox" onclick="sizechartfunc('Men')" />
      <label for="switchmen" class="toggle">
       <pre> in cm</pre>
      </label>
     </div>
     <img id="sizechartmen" src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/sizechartmeninches.jpg')}}" class="d-block w-100"
alt="...">
    </div>
    {% elif category=='Kids' : %}
    <div class="modal-body">
     <div class="togdiv">
      <input type="checkbox" id="switchkids" class="checkbox" onclick="sizechartfunc('Kids')" />
      <label for="switchkids" class="toggle">
       <pre> in cm</pre>
      </label>
     </div>
     <img id="sizechartkids" src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/sizechartkidsinches.jpg')}}" class="d-block w-100"
alt="...">
     <img id="sizechartkidsb" src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/sizechartkidsbinches.jpg')}}" class="d-block w-100"
alt="...">
    </div>
    {% elif category=='Footwears' and type=='Men': %}
    <div class="modal-body"> <div
     class="togdiv">
      <input type="checkbox" id="switchfmen" class="checkbox" onclick="sizechartfunc('fMen')"
/>
      <label for="switchfmen" class="toggle">
       <pre> in cm</pre>
      </label>
     </div>
     <img id="sizechartfmen" src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/sizechartinchesfmen.jpg')}}" class="d-block w-100"
alt="...">
    </div>
    {% elif category=='Footwears' and type=='Kids': %}
    <div class="modal-body">
     <div class="togdiv">
      <input type="checkbox" id="switchfkids" class="checkbox" onclick="sizechartfunc('fKids')"
/>
      <label for="switchfkids" class="toggle">
       <pre> in cm</pre>
      </label>
```

```
      </div>
      <img id="sizechartfkids" src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/sizechartfkidsinches.jpg')}}" class="d-block w-100"
alt="...">
    </div>
    {% elif category=='Footwears' and type == 'Women': %}
    <div class="modal-body">
     <div class="togdiv">
      <input          type="checkbox"          id="switchfwomen"          class="checkbox"
onclick="sizechartfunc('fWomen')" />
       <label for="switchfwomen" class="toggle">
        <pre> in cm</pre>
       </label>
      </div>
      <img id="sizechartfwomen" src="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/sizechartinchesfmen.jpg')}}" class="d-block w-100"
alt="...">
    </div>
    {% endif%}
    <div class="modal-footer">
     <button type="button" class="btn btn-secondary" data-dismiss="modal">Close</button>
    </div>
   </div>
  </div>
 </div>
 {% from 'footer.html' import footer %}
 {{footer()}}
 <script> window.watsonAssistantChatOptions = { integrationID: "cba0c163-9f9a-42ce-b6e9-
  979ac6318cc0", // The ID of this integration. region: "au-syd", // The region your integration is
  hosted in. serviceInstanceID: "245858a6-01a2-41fc-8707-d603be17b8f0", // The ID of your service
  instance. onLoad: function(instance) {
    instance.render();
   } };
  setTimeout(function()
  {
   const t = document.createElement('script');
   t.src = "https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
   document.head.appendChild(t);
  });
 </script>
 <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>
 <script          src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
integrity="sha384-
```

Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
crossorigin="anonymous"></script>
  <script   src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"
integrity="sha384-
OgVRvuATP1z7JjHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JKI"
crossorigin="anonymous"></script>
  <script src="{{url_for('static',filename='script.js')}}" />
  <script src="https://kit.fontawesome.com/0a56e63d65.js" crossorigin="anonymous"></script>
</body> </html>

products.html
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Sash
  Vogue</title>
  <link rel="icon" type="image/jpeg" href="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/logo.jpeg')}}" sizes="200x200">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css"
integrity="sha384-
xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N"
crossorigin="anonymous">
  <link rel="stylesheet" href="{{url_for('static',filename='styles/products.css')}}" type="text/css">
  <link   rel="stylesheet"   href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.3/css/all.min.css" integrity="sha512-
iBBXm8fW90+nuLcSKlbmrPcLa0OT92xO1BIsZ+ywDWZCvqsWgccV3gFoRBv0z+8dLJgyAHIhR3
5VZc2oM/gI1w==" crossorigin="anonymous" referrerpolicy="no-referrer"
   />
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <script defer src="https://use.fontawesome.com/releases/v6.2.0/js/all.js"></script>
  <script defer src="https://use.fontawesome.com/releases/v5.15.4/js/all.js"></script>
  <link
href="https://fonts.googleapis.com/css2?family=Jost:wght@500&family=Quicksand:wght@300&dis
p lay=swap" rel="stylesheet">
</head>
<body>
  {% from 'nav.html' import usedalot %}
  {{ usedalot(uname) }}
  <div class="path" style="margin: 7% 0% 0% 5%;">
   Home <i class="fa-solid fa-angle-right"></i> <a
   href="">{{category}} - {{type}}
  </div>

```
{% with messages = get_flashed_messages() %}
{% if messages %}
{% for message in messages %}
<h4 style="color:black;text-align:center;font-weight:bolder;"><b>{{ message }}!</b></h4> {%
endfor %}
{% endif %}
{% endwith %}
<div class="container">
  <div class="row">
    {% for product in productsarr: %}
    <div class="col-sm">
      <div class="card">
        {% if(type != 'Sunglasses'): %}
        <a
href="{{url_for('product_detailspg',category=category,type=type,prodid=product[0])}}"><img
class="card-img-top" src="{{url_for('redirect_to',link=api+product[4])}}" alt="Card image cap"></a>
{% else :%}
        <a
href="{{url_for('sunglasses_detailspg',category=category,type=type,prodid=product[0])}}"><img
class="card-img-top" src="{{url_for('redirect_to',link=api+product[4])}}" alt="Card image cap"></a>
        {% endif %}
        <div class="card-body">
          <h6 class="card-title" style="margin-bottom:0;font-weight: bold;">{{product[1]}}</h6> <p
          class="card-text">By {{product[2]}}</p>
          <p class="card-text" style="font-size:x-large">₹{{product[3] -(product[3]*product[8] /
100)|round|int}}</p>
          <div style="display:flex;justify-content:space-between;">
            <form method="post">
              <input type="hidden" name="prodid" value="{{product[0]}}">
              <button type="submit" class="btn" style="color:black;background:transparent"><i
id="wishlist" style="width: 32px;height: 32px" class="fa-regular fa-heart"></i></button> </form>
          </div>
        </div>
      </div>
    </div>
    {% endfor %}
  </div>
</div>
{% from 'footer.html' import footer %}
{{footer()}}
<script> window.watsonAssistantChatOptions = { integrationID: "cba0c163-9f9a-42ce-b6e9-
979ac6318cc0", // The ID of this integration. region: "au-syd", // The region your integration is
hosted in. serviceInstanceID: "245858a6-01a2-41fc-8707-d603be17b8f0", // The ID of your service
instance. onLoad: function(instance) {
    instance.render();
```

```
      } };
    setTimeout(function()
    {
      const t = document.createElement('script');
      t.src = "https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
      document.head.appendChild(t);
    });
  </script>
  <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>
  <script            src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
integrity="sha384-
Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
crossorigin="anonymous"></script>
  <script             src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"
integrity="sha384-
OgVRvuATP1z7JjHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JKI"
crossorigin="anonymous"></script>
  <script src="{{url_for('static',filename='script.js')}}" />
  <script     src="https://kit.fontawesome.com/0a56e63d65.js"     crossorigin="anonymous"></script>
</body>
</html>
```

registration.html
```
<!DOCTYPE html>
<html>
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Sash
  Vogue</title>
  <link rel="icon" type="image/jpeg" href="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/logo.jpeg')}}" sizes="200x200">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css"
integrity="sha384-
xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N"
crossorigin="anonymous">
  <link rel="stylesheet" href="{{url_for('static',filename='styles/login.css')}}" type="text/css"> <link
  rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <script src="{{url_for('static',filename='script.js')}}" />
  <script defer src="https://use.fontawesome.com/releases/v5.15.4/js/all.js"></script> <script
  defer src="https://use.fontawesome.com/releases/v6.2.0/js/all.js"></script>
```

```html
  <link
href="https://fonts.googleapis.com/css2?family=Alex+Brush&family=Quicksand:wght@300&display
=swap" rel="stylesheet">
  <style>
   .input-group { margin:
    5%;
   }

   .maindiv        {
    display:    flex;
    flex-wrap:
    wrap;
   }

   .card {


    height: 600px; margin-top: 30px;
   margin-bottom: auto; width: 80%; box-
   shadow: 0 1px 20px 0 antiquewhite;
   background-color: rgba(51, 14, 14, 0.5);
   }


   .btn { width:
    80%; color:
    white;
    background-color: #c74545;
    height: 50px; border-
    radius: 25px; margin-left:
    18%;
   }

   .container { height:
    100%; margin-left:
    19%; padding-top:
    35px;
   }

   .card-body { padding:
    1.5rem;
   }
  </style>
</head>
<body style="background:url({{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/bg2.jpeg')}});background-repeat: no-repeat; background-
attachment: fixed; background-position: center; background-size: cover; ">
  <div class="container">
```

```html
<div class="d-flex h-100">
  <div class="card">
    <div class="card-body">
      <h1 style="color:white;text-align:center;"> Register </h1>
      <form method="post" style="padding: 2.5%;">
        <div class="maindiv" style="display:flex;">
          <div class="div1" style="width:40%">
            <div class="input-group form-group">
              <div class="input-group-prepend">
                <span class="input-group-text"><i class="fa-solid fa-envelope"></i></span>
              </div>
              <input type="mail" name="mail" value="{{ request.form['mail'] }}" class="form-control" placeholder="Enter mail" required>
            </div>
            <div class="input-group form-group">
              <div class="input-group-prepend">
                <span class="input-group-text"><i class="fas fa-user"></i></span> </div>
              <input type="text" name="username" value="{{ request.form['username'] }}" class="form-control" placeholder="Set Username" required>
            </div>
            <div class="input-group form-group">
              <div class="input-group-prepend">
                <span class="input-group-text"><i class="fas fa-key"></i></span> </div>
              <input id="myInput" type="password" name="password" value="{{ request.form['password'] }}" class="form-control" placeholder="Set Password" required>
              <span style="background: white;border:0px;   border-radius: 0px" class="input-group-text"><i onclick="myFunction()" style="color:black" id="icon" class="fas fa-eye-slash"></i></span>
            </div>
            <div class="input-group form-group">
              <div class="input-group-prepend">
                <span class="input-group-text"><i class="fas fa-phone-alt"></i></span>
              </div>
              <input type="text" name="contact" value="{{ request.form['contact'] }}" class="form-control" placeholder="Enter Contact" required>
            </div>
            <div class="input-group form-group">
              <div class="input-group-prepend">
                <span class="input-group-text"><i class="fa fa-calendar" aria-hidden="true"></i></span>
              </div>
              <input type="text" placeholder="Date of Birth" onfocus="(this.type='date')" name="DOB" value="{{ request.form['DOB'] }}" class="form-control">
            </div>
            <input type="checkbox" id="checkboxvalue" name="checkval" onclick="checkboxval()" style="margin-left:6%" /><label style="color:white">Allow me to send and receive emails</label>
            <div class="form-group">
              <input type="submit" name="login" style="margin-top:5%" value=Register class="btn login_btn"><br>
```

```
                        <button type="reset" class="btn " name="button">Reset</button> </div>
                    </div>
                    <div class="div2" style="width:40%;margin-left: 15%;">
                        <h5 style="color:white;text-align:center;">Other information</h5>
                        <textarea rows="7" cols="40" placeholder="Address" name="address" value="{{
request.form['address'] }}"></textarea>
                    </div>
                </div>
            </form>
        </div>
      </div>
    </div>
  </div>
</body>
</html>
```

sunglasses_details.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Sash
  Vogue</title>
  <link rel="icon" type="image/jpeg" href="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/logo.jpeg')}}" sizes="200x200">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css"
integrity="sha384-
xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N"
crossorigin="anonymous">
  <link rel="stylesheet" href="{{url_for('static',filename='styles/products.css')}}" type="text/css">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link
href="https://fonts.googleapis.com/css2?family=Cormorant+Garamond:wght@500&family=Jost:wght
@500&family=Lora:ital,wght@1,500&family=Quicksand:wght@300&display=swap"
rel="stylesheet">
  <script src="https://kit.fontawesome.com/0a56e63d65.js" crossorigin="anonymous"></script>
</head>
<body>
  {% from 'nav.html' import usedalot %}
  {{usedalot(uname)}}
  <div class="path" style="margin: 7% 0% 0% 5%;">
    <a href="">Home <i class="fa-solid fa-angle-right"></i></a>
    <a href="">{{category}} <i class="fa-solid fa-angle-right"></i></a>
    <a href="">{{type}} <i class="fa-solid fa-angle-right"></i></a>
```

```
     </div>
    <div class="productdetaildiv">
      <div id="carouselExampleControls" class="carousel slide" data-ride="carousel">
        <div class="carousel-inner">
          <div class="carousel-item active">
            <img src="{{url_for('redirect_to',link=api+result[13])}}" class="d-block w-100" alt="...">
          </div>
          <div class="carousel-item">
            <img src="{{url_for('redirect_to',link=api+result[14])}}" class="d-block w-100" alt="...">
          </div>
          <div class="carousel-item">
            <img src="{{url_for('redirect_to',link=api+result[15])}}" class="d-block w-100" alt="...">
          </div>
          <div class="carousel-item ">
            <img src="{{url_for('redirect_to',link=api+result[16])}}" class="d-block w-100" alt="...">
          </div>
          <button class="carousel-control-prev" type="button" data-target="#carouselExampleControls" data-slide="prev">
            <span class="carousel-control-prev-icon" aria-hidden="true"></span>
            <span class="sr-only">Previous</span>
          </button>
          <button class="carousel-control-next" type="button" data-target="#carouselExampleControls" data-slide="next">
            <span class="carousel-control-next-icon" aria-hidden="true"></span>
            <span class="sr-only">Next</span>
          </button>
        </div>
      </div>
      <div class="detaildesc">
        <form method="post">
          <h1>{{result[1]}}</h1>
          <p>Price: ₹{{pricedisplay}} <del>₹{{result[2]}}</del> </p>
          <p>Colour: {{result[3]}}</p>
          <p>Brand: {{result[4]}}</p>
          <p>Offer: {{result[5]}}%</p>
          <p>Return Policy: 7 days return policy</p>
          <p>Expected Delivery date: 19 Nov </p>
          {% with messages = get_flashed_messages() %}
          {% if messages %}
          {% for message in messages %}
          <p style="color:black;">{{ message }}</p>
          {% endfor %}
          {% endif %}
          {% endwith %}
          <div style="display:flex;">
            <button style="font-family: 'Quicksand', sans-serif;" class="btn buynow">Buy Now</button>
```

```html
      <input type="submit" style="font-family: 'Quicksand', sans-serif;" value="Add To Cart"
class="btn buynow" /><br>
      <div class="content">
       <button class="shareButton main">
        <svg class="share" style="width:24px;height:24px" viewBox="0 0 24 24">
         <path  d="M18,16.08C17.24,16.08  16.56,16.38  16.04,16.85L8.91,12.7C8.96,12.47
          9,12.24
9,12C9,11.76 8.96,11.53 8.91,11.3L15.96,7.19C16.5,7.69 17.21,8 18,8A3,3 0 0,0 21,5A3,3 0 0,0
18,2A3,3 0 0,0 15,5C15,5.24 15.04,5.47 15.09,5.7L8.04,9.81C7.5,9.31 6.79,9 6,9A3,3 0 0,0 3,12A3,3
0 0,0 6,15C6.79,15 7.5,14.69 8.04,14.19L15.16,18.34C15.11,18.55 15.08,18.77 15.08,19C15.08,20.61
16.39,21.91 18,21.91C19.61,21.91 20.92,20.61 20.92,19A2.92,2.92 0 0,0 18,16.08Z" />
        </svg>
        <svg class="check" style="width:24px;height:24px" viewBox="0 0 24 24">
         <path d="M21,7L9,19L3.5,13.5L4.91,12.09L9,16.17L19.59,5.59L21,7Z" />
        </svg>
        <svg class="close" style="width:24px;height:24px" viewBox="0 0 24 24">
         <path
d="M19,6.41L17.59,5L12,10.59L6.41,5L5,6.41L10.59,12L5,17.59L6.41,19L12,13.41L17.59,19L19,1
7.59L13.41,12L19,6.41Z" />
        </svg>
       </button>
       <button class="shareButton fb" type="button" data-toggle="tooltip" data-placement="top"
title="Gmail">
        <a
href="https://mail.google.com/mail/?view=cm&fs=1&tf=1&to=&su=Hey+Check+Out+this+product+
f
rom+Sash+Vogue&body=Hey!+I+found+this+for+you+Check+this+out:+http://{{hostname}}:{{port
}}{{
url_for(request.endpoint,category=category,type=type,prodid=result[0])}}&ui=2&tf=1&pli=1"><i
         style="width:24px;height:24px;color:white;" class="fa-solid fa-
envelope"></i></a></button>
       <button class="shareButton tw" type="button" data-toggle="tooltip" data-placement="top"
title="WhatsApp">
        <i style="width:24px;height:24px;color:white;" class="fa-brands fa-whatsapp
"></i></button>
       <button class="shareButton ig" type="button" data-toggle="tooltip" data-
placement="top" title="Copy link!" onclick="copyToClipboard('http://{{hostname}}:{{port}}{{
url_for(request.endpoint,category=category,type=type,prodid=result[0])}}')">
        <i style="width:24px;height:24px;color:white;" class="fa-solid fa-copy "></i></button>
      </div>
     </div>
     <a onclick="seemore('true')" id="seemoreid" style="cursor: pointer; visibility:visible;">Show
more <i class="fa fa-angle-down" aria-hidden="true"></i></a> <div id="hiddendetaildiv">
      <h3>Product Details</h3>
      <ul>
       <li>Frame Size: {{result[8]}}</li>
       <li>Frame Width:{{result[9]}}</li>
```


Frame Dimensions: {{result[10]}}
Product Code: {{result[0]}}
MRP: Rs.{{result[2]}} inclusive of all taxes(MRP changes as per size selection)
Marketed By: {{result[12]}}
Manufactured By: {{result[11]}}
Customer Care Address: 124, Greenways Rd, Bishop Garden, Raja Annamalai Puram, Trichy, Tamil Nadu-620001, Phone: 0431 2493 7803
Mail: enquiries@sashvogue.co.in
Show less <i class="fa-solid fa-angle-up"></i>
</div>
</form>
</div>
</div>
{% from 'footer.html' import footer %}
{{footer()}}
<script> window.watsonAssistantChatOptions = { integrationID: "cba0c163-9f9a-42ce-b6e9-979ac6318cc0", // The ID of this integration. region: "au-syd", // The region your integration is hosted in. serviceInstanceID: "245858a6-01a2-41fc-8707-d603be17b8f0", // The ID of your service instance. onLoad: function(instance) {
instance.render();
} };
setTimeout(function()
{
const t = document.createElement('script');
t.src = "https://web-chat.global.assistant.watson.appdomain.cloud/versions/" + (window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
document.head.appendChild(t);
});
</script>
<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj" crossorigin="anonymous"></script>
<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js" integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo" crossorigin="anonymous"></script>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js" integrity="sha384-OgVRvuATP1z7JjHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JKI" crossorigin="anonymous"></script>
<script src="{{url_for('static',filename='script.js')}}" />
<script src="https://kit.fontawesome.com/0a56e63d65.js" crossorigin="anonymous"></script>
</body>
</html>

wishlist.html

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1.0"> <title>Sash
  Vogue</title>
  <link rel="icon" type="image/jpeg" href="{{url_for('redirect_to',link='https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/smartfashion2001/logo.jpeg')}}" sizes="200x200">
  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.2/dist/css/bootstrap.min.css"
integrity="sha384-
xOolHFLEh07PJGoPkLv1IbcEPTNtaed2xpHsD9ESMhqIYd0nLMwNLD69Npy4HI+N"
crossorigin="anonymous">
  <link rel="stylesheet" href="{{url_for('static',filename='styles/products.css')}}" type="text/css">
  <link                 rel="stylesheet"                 href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.3/css/all.min.css" integrity="sha512-
iBBXm8fW90+nuLcSKlbmrPcLa0OT92xO1BIsZ+ywDWZCvqsWgccV3gFoRBv0z+8dLJgyAHIhR3
5VZc2oM/gI1w==" crossorigin="anonymous" referrerpolicy="no-referrer"
   />
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <script defer src="https://use.fontawesome.com/releases/v6.2.0/js/all.js"></script>
  <script defer src="https://use.fontawesome.com/releases/v5.15.4/js/all.js"></script>
  <link
href="https://fonts.googleapis.com/css2?family=Jost:wght@500&family=Quicksand:wght@300&dis
p lay=swap" rel="stylesheet">
</head>
<body>
  {% from 'nav.html' import usedalot %}
  {{ usedalot(uname) }}
  <div class="path" style="margin: 7% 0% 0% 5%;">
   <a href="{{url_for('home_page')}}">Home <i class="fa-solid fa-angle-right"></i></a> <a
   href="">Wishlist</a>
  </div>
  <div class="container">
   <div class="row">
    {% for wishlistitem in wishlistarr: %}
    <div class="col-sm">
     <div class="card">
      {% if(wishlistitem[5] != 'Sunglasses'): %}
      <a
href="{{url_for('product_detailspg',category=wishlistitem[4],type=wishlistitem[5],prodid=wishlistite
m[0])}}"><img class="card-img-top" src="{{url_for('redirect_to',link=wishlistitem[3])}}" alt="Card
image cap"></a>
      {% else :%}
      <a
href="{{url_for('sunglasses_detailspg',category=wishlistitem[4],type=wishlistitem[5],prodid=wishlisti
```

```
t    em[0])}}"><img    class="card-img-top"    src="{{url_for('redirect_to',link=wishlistitem[3])}}"
alt="Card image cap"></a>
      {% endif %}
      <div class="card-body">
       <h6  class="card-title"  style="margin-bottom:0;font-weight:  bold;">{{wishlistitem[1]}}</h6>
       <p class="card-text">By {{wishlistitem[6]}}</p>
       <p class="card-text" style="font-size:x-large">₹{{wishlistitem[2] -
(wishlistitem[2]*wishlistitem[7] / 100)|round|int}}</p>


      </div>
     </div>
    </div>
    {% endfor %}
   </div>
  </div>
 {% from 'footer.html' import footer %}
 {{footer()}}
 <script> window.watsonAssistantChatOptions = { integrationID: "cba0c163-9f9a-42ce-b6e9-
   979ac6318cc0", // The ID of this integration. region: "au-syd", // The region your integration is
   hosted in. serviceInstanceID: "245858a6-01a2-41fc-8707-d603be17b8f0", // The ID of your service
   instance. onLoad: function(instance) {
     instance.render();
    } };
   setTimeout(function()
   {
    const t = document.createElement('script');
    t.src = "https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion  ||  'latest')  +  "/WatsonAssistantChatEntry.js";
    document.head.appendChild(t);
   });
  </script>
  <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
crossorigin="anonymous"></script>
  <script                 src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js"
integrity="sha384-
Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQRVvoxMfooAo"
crossorigin="anonymous"></script>
  <script                 src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.0/js/bootstrap.min.js"
integrity="sha384-
OgVRvuATP1z7JjHLkuOU7Xw704+h835Lr+6QL9UvYjZE3Ipu6Tp75j7Bh/kR0JKI"
crossorigin="anonymous"></script>
  <script src="{{url_for('static',filename='script.js')}}" />
  <script src="https://kit.fontawesome.com/0a56e63d65.js" crossorigin="anonymous"></script>
</body> </html>
```

locustfile.py from
locust import *
import random
import time

```python
data=({'uname':'shirls','password':'123'},{'uname':'shirlsrocks','password':'123'},{'uname':'csesan'
,'pass word':'123'}) post_headers={'Content-Type':'application/x-www-form-urlencoded'} class
SmartFashion(HttpUser):

   @task
   def login_test(self):
      time.sleep(2) self.client.post("/login",
      data=data[random.randint(0,2)],headers=post_headers)


   @task(20)
   def stattest(self):
      self.client.get("/")
```

script.js
```javascript
function seemore(status){
   if(status=='true'){
      document.getElementById("hiddendetaildiv").style.visibility="visib
   le";
      document.getElementById("seemoreid").style.visibility="hidden"; }
}


function seeless(status){
   if(status=='true'){
      document.getElementById("hiddendetaildiv").style.visibility="hidd
   en";
      document.getElementById("seemoreid").style.visibility="visible"; }
}


function sizechartfunc(input){
   if( (input == 'Women') && (document.getElementById("switchwomen").checked)  ==  true)
   document.getElementById("sizechartwomen").src="/static/bgs/sizechartcm.jpg";

   if((input == 'Women') &&(document.getElementById("switchwomen").checked) == false)
      document.getElementById("sizechartwomen").src="/static/bgs/sizechartinches.jpg";

   if( (input == 'Men') && (document.getElementById("switchmen").checked) == true )
      document.getElementById("sizechartmen").src="/static/bgs/sizechartmencm.jpg";
```

```javascript
if( (input == 'Men') && (document.getElementById("switchmen").checked) == false)
  document.getElementById("sizechartmen").src="/static/bgs/sizechartmeninches.jpg";

if( (input == 'Kids') && (document.getElementById("switchkids").checked) == true ){
document.getElementById("sizechartkids").src="/static/bgs/sizechartkidscm.jpg";
document.getElementById("sizechartkidsb").src="/static/bgs/sizechartkidsbcm.jpg"; }

if( (input == 'Kids') && (document.getElementById("switchkids").checked) == false){
 document.getElementById("sizechartkids").src="/static/bgs/sizechartkidsinches.jpg";
 document.getElementById("sizechartkidsb").src="/static/bgs/sizechartkidsbinches.jpg
 "; }

if( (input == 'fMen') && (document.getElementById("switchfmen").checked) == true)
  document.getElementById("sizechartfmen").src="/static/bgs/sizechartcmfmen.jpg";

if( (input == 'fMen') && (document.getElementById("switchfmen").checked) == false)
  document.getElementById("sizechartfmen").src="/static/bgs/sizechartinchesfmen.jpg";

if( (input == 'fWomen') && (document.getElementById("switchfwomen").checked) == true)
  document.getElementById("sizechartfwomen").src="/static/bgs/sizechartcmfwomen.jpg";

if( (input == 'fWomen') && (document.getElementById("switchfwomen").checked) == false)
  document.getElementById("sizechartfwomen").src="/static/bgs/sizechartinchesfwomen.jpg";

if( (input == 'fKids') && (document.getElementById("switchfkids").checked) == true)
  document.getElementById("sizechartfkids").src="/static/bgs/sizechartfkidscm.jpg";

if( (input == 'fKids') && (document.getElementById("switchfkids").checked) == false)
  document.getElementById("sizechartfkids").src="/static/bgs/sizechartfkidsinches.jp
g"; }


function    myFunction(){    var    x    =
  document.getElementById("myInput");    var
  i=document.getElementById("icon"); if (x.type
  === "password") {
   x.type = "text";
   i.classList.add("fa-eye");
   i.classList.remove("fa-eye-slash"); }
  else{
   x.type = "password";
   i.classList.remove("fa-eye");
   i.classList.add("fa-eye-slash");
  }
}
```

```
function checkboxval(){
if(document.getElementById("checkboxvalue").checked==true)
    document.getElementById("checkboxvalue").value="yes"


}

const          shareButton          =          document.querySelectorAll("button.shareButton")
shareButton[0].addEventListener("click", (e) => {
    for( let i=0; i < shareButton.length; i++ ) {
      shareButton[i].classList.toggle("open")
      shareButton[0].classList.remove("sent")
    }
      e.preventDefault();
})

for( let i=1;  i  <  shareButton.length;  i++ ) {
  shareButton[i].addEventListener("click", (e) => {
  for( let i=0; i < shareButton.length; i++ ) {
    shareButton[i].classList.toggle("open")
  }
  shareButton[0].classList.toggle("sent"
  )
   e.preventDefault();
  })
}

const  unsecuredCopyToClipboard  =  (text)  =>  {  const
textArea     =       document.createElement("textarea");
textArea.value=text;
document.body.appendChild(textArea); textArea.select();
try{document.execCommand('copy')} catch(err){console.error('Unable
to copy to clipboard',err)}
  document.body.removeChild(textArea)};

function copyToClipboard(content,e) {
  if (window.isSecureContext && navigator.clipboard) {
   navigator.clipboard.writeText(content);
  } else{
   unsecuredCopyToClipboard(content);
  }
  e.preventDefault(); }
```

GitHub & Project Demo Link

GitHub Link: https://github.com/IBM-EPBL/IBM-Project-16040-1659606891

Project Website Live Link: http://159.122.181.169:32087/