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SMART FASHION RECOMMENDER APPLICATION

IBM – DOCUMENTATION

UNDER THE GUIDANCE OF

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1. INTRODUCTION

1.1 PROJECT OVERVIEW

Nowadays, fashion applications and e-commerce are growing more and more, and it also has some problems when finding the customer's wanted product in the web applications. Having a chatbot that understands the algorithm of a specific application can be of great aid. We are implementing such a chat bot in a web application, which is fed with the knowledge of the application's algorithm and helps the user completely from finding their needs to processing the payment and initiating delivery. It works as an advanced filter search that can bring the user what they want with the help of pictorial and named representation by getting simple user information and activities. The application also has two main UI interactions: one is the user panel and the other one is the admin panel. Users can interact with the chat bot to search for products, order them from the manufacturer or distributor through chatbot AI, and it can also make payment transactions, track the delivery, and so on. The admin interface enables the user to upload products' details, user details, orders and find how many products have been bought; supervise the stock availability; and interact with the buyer regarding the product reviews.

We have come up with a new innovative solution through which you can directly do your online shopping based on your choice without any search. It can be done by using the chat bot.

In this project you will be working on two modules:

1. Admin and
2. User

Admin:

The role of the admin is to check out the database about the stock and have a track of all the things that the users are purchasing.

User:

The user will login into the website and go through the products available on the website. Instead of navigating to several screens for booking products online, the user can directly talk to Chat bot regarding the products. Get the recommendations based on information provided by the user.

1.2 PURPOSE

- a) Using chatbot we can manage user's choices and orders.
- b) The chatbot can give recommendations to the users based on their interests.
- c) It can promote the best deals and offers on that day.
- d) It will store the customer's details and orders in the database.
- e) The chatbot will send a notification to customers if the order is confirmed.
- f) Chatbots can also help in collecting customer feedback.

2. LITERATURE SURVEY

2.1 EXISTING PROBLEM

1.PaperTitle: Chatbot design approaches for fashion Ecommerce: An interdisciplinary review.

Publication: 02 Nov 2021.

Author name: *A. R. D. B. Landim, A. M. Pereira, T. Vieira, E. de B. Costa, J. A. B. Moura, V. Wanick & Eirini Bazaki.*

Abstract: Chatbots can bring innovation in online assistance and communication with customers. Due to the growth of e-commerce, fashion brands have been adopting chatbots to provide personalised consumer experiences. Research in the area of chatbots for fashion e-commerce has addressed technological advancements and consumer behaviour, but little has been done on analysing chatbot features through a holistic point of view. The aim of this paper is to offer an interdisciplinary review through a comprehensive categorization of recent studies on the theme and inform future research in the area. To achieve that, a theme-based literature review was carried out through the analysis of specialized research. The collected work was categorized as addressing both computational and non-computational perspectives. The findings show that Deep Learning, recommendation systems, audio recognition, and integration of chatbots with other fashion applications are a few design opportunities to be applied in both research and practice.

2. Paper Title: How should my chatbot interact? A survey on social characteristics in human-chatbot interaction design.

Publication: October 26, 2020

Author name: *Ana Paula Chavesa and Marco Aurelio Gerosaa.*

Abstract: Chatbots' growing popularity has brought new challenges to HCI, having changed the patterns of human interactions with computers. The increasing need to approximate conversational interaction styles raises expectations for chatbots to present social behaviours that are habitual in human-human communication. In this survey, we argue that chatbots should be enriched with social characteristics that cohere with users' expectations, ultimately avoiding frustration and dissatisfaction. We bring together the literature on disembodied, text-based chatbots to derive a conceptual model of social

characteristics for chatbots. We analyzed 56 papers from various domains to understand how social characteristics can benefit human-chatbot interactions and identify the challenges and strategies for designing them. Additionally, we discussed how characteristics may influence one another. Our results provide relevant opportunities for both researchers and designers to advance human-chatbot interactions.

3. Paper Title: Fashion Recommendation Systems, Models and Methods: A Review

Author name: *Samit Chakraborty, Md. Saiful Hoque, Naimur Rahman Jeem, Manik Chandra Biswas, Deepayan Bardhan and Edger Lobaton.*

Abstract: In recent years, the textile and fashion industries have witnessed an enormous amount of growth in fast fashion. On e-commerce platforms, where numerous choices are available, an efficient recommendation system is required to sort, order, and efficiently convey relevant product content or information to users. Image-based fashion recommendation systems (FRSs) have attracted a huge amount of attention from fast fashion retailers as they provide a personalized shopping experience to consumers. With technological advancements, this branch of artificial intelligence exhibits a tremendous amount of potential in image processing, parsing, classification, and segmentation. Despite its huge potential, the number of academic articles on this topic is limited. The available studies do not provide a rigorous review of fashion recommendation systems and the corresponding filtering techniques. To the best of the authors' knowledge, this is the first scholarly article to review the state-of-the-art fashion recommendation systems and the corresponding filtering techniques. In addition, this review also explores various potential models that could be implemented to develop fashion recommendation systems in the future. This paper will help researchers, academics, and practitioners who are interested in machine learning, computer vision, and fashion retailing to understand the characteristics of different fashions.

4. Paper Title: A Review on Clothes Matching and Recommendation System

Based on User Attributes

Author name: Atharv Pandit, Kunal Goel, Manav Jain, Neha Katre

Methodology: It is crucial to dress adequately while venturing out into the real world.

The confidence of the individual is raised and a very positive impression is made when they have dressed appropriately in clothing that exhibits some degree of style and is worn in a way that complies with societal norms. The goal of the study is to make it easier for

customers to locate the best-fitting outfits by taking into account fine elements like style, patterns, colors, and textures, as well as user characteristics like age, skin tone, and favourite colours. It seeks to assist the user in organizing their closet and making stylish clothing selections. It tries to assist the user in dressing appropriately for the occasion and in finding clothing that complements their personal style. In order to create a robust system that discovers the user's matching outfits and provides recommendations, an in-depth analysis of numerous systems that are built for various aspects is undertaken in this research. Systems created to propose clothing using various methodologies have been researched, with both their benefits and drawbacks highlighted. It has also been investigated how to make clothing-detecting systems user-friendly while accepting feedback from the user.

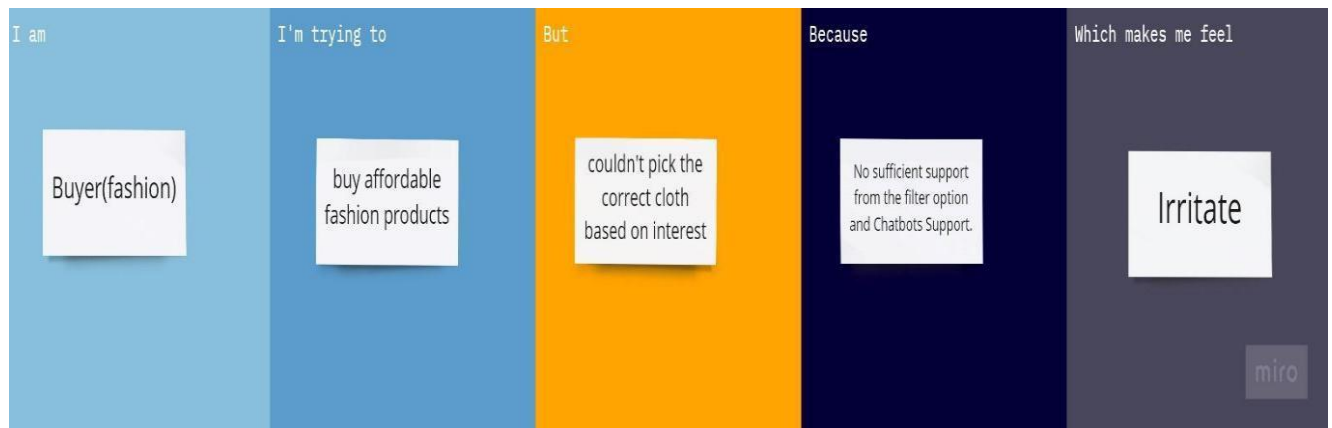
2.2 REFERENCES

“A Systematic Study on the Recommender Systems in the E-Commerce”

Electronic commerce or e-commerce includes the service and good exchange through electronic support like the Internet. It plays a crucial role in today's business and users' experience. Also, e-commerce platforms produce a vast amount of information. So, Recommender Systems (RSs) are a solution to overcome the information overload problem. They provide personalized recommendations to improve user satisfaction. The present article illustrates a comprehensive and Systematic Literature Review (SLR) regarding the papers published in the field of e-commerce recommender systems. We reviewed the selected papers to identify the gaps and significant issues of the RSs' traditional methods, which guide the researchers to do future work. So, we provided the traditional techniques, challenges, and open issues concerning traditional methods of the field of review based on the selected papers. This review includes five categories of the RSs' algorithms, including Content-Based Filtering (CBF), Collaborative Filtering (CF), Demographic-Based Filtering (DBF), hybrid filtering, and Knowledge-Based Filtering (KBF).

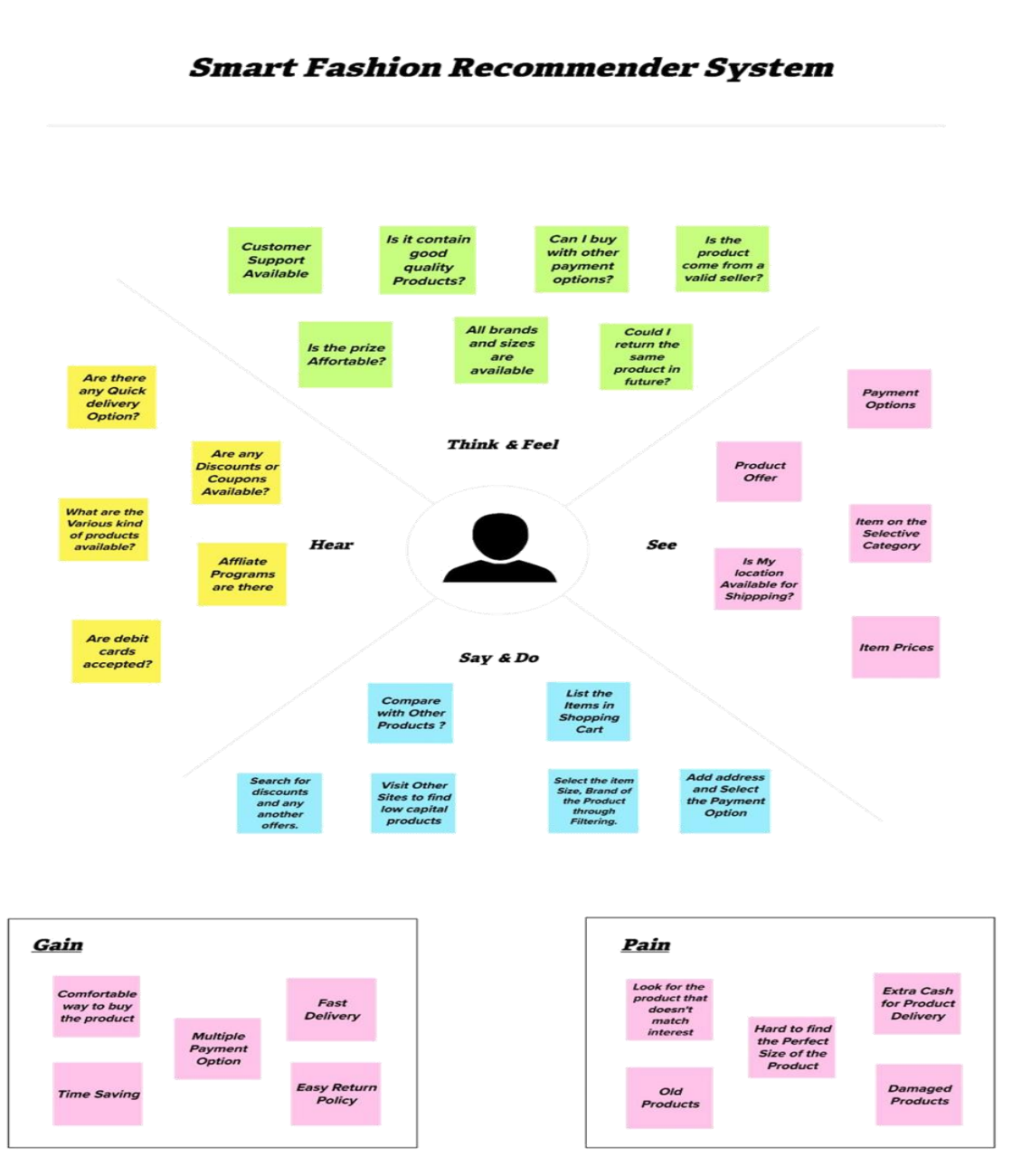
2.3 PROBLEM STATEMENT DEFINITION

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	Buyer(fashion)	Buy affordable Fashion Products	Couldn't pick the correct cloth based on interest	No sufficient support from the filter option and Chatbots Support.	Irritate
PS-2	Buyer(fashion)	Buy fashion products from a site which contains various site links with affordable prize and offers	No e-commerce site never interact with another e-commerce site	Every e-commerce sites have their own products and sellers	Time Consuming Task

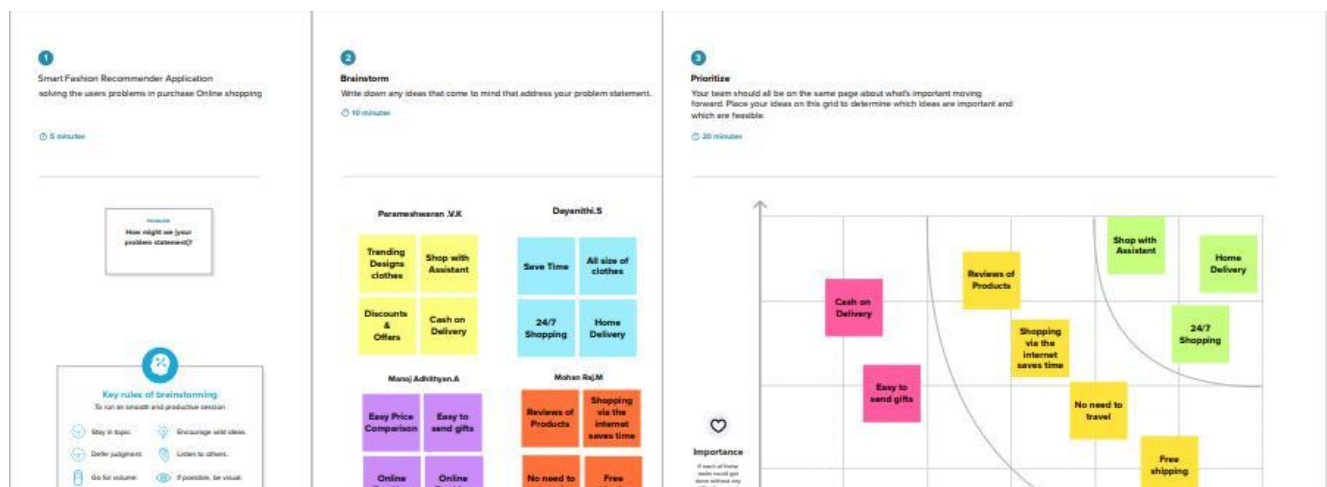


3. IDEATION & PROPOSED

SOLUTION 3.1 EMPATHY MAP CANVAS



3.2 IDEATION & BRAINSTORMING



3.3 PROPOSED SOLUTION

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none"> ● Absence of interaction between the client and app ● User required to navigate across multiple pages to choose the desired product. ● Confusion in choosing a correct product ● Complex User Interface. ● Lack of Customer Support
2.	Idea / Solution Description	By using the Smart fashion recommender application: <ul style="list-style-type: none"> ● Enhance customer interaction and services. ● Effective recommendation of products. ● Recommendation within a single page via chatbot ● Reduce Customer error ● Proper guidance to access the application
3.	Novelty / Uniqueness	<ul style="list-style-type: none"> ● In order to enhance the user experience, the Chatbot asks and learns from user preferences which recommends appropriate products to the customer without making the search through various filters and unwanted navigations. Reduces time in choosing the right product thus increasing product sales.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"> ● To know Customer Satisfaction, we ought to collect Satisfaction points, and based on the points we could understand Customer Satisfaction easily.
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> ● The application can be developed at minimum cost with high performance and interactive user interface.
6.	Scalability of the Solution	<ul style="list-style-type: none"> ● The solution can be made scalable by using microservice architecture if each server is responsible for certain functionality of the application. Storing user preferences along with the product in the browser cookie will enable you to provide a response instantly.

3.4 PROBLEM SOLUTION FIT

Smart Fashion Recommender Application
Project Design Phase-I - Solution Fit
Team ID: PNT2022TMD32347

1. CUSTOMER SEGMENT(S)
Who is your customer?

Customers are those who want to purchase fashionable products in an efficient way and wish to avoid unwanted time for searching the preferred products.

6. CUSTOMER CONSTRAINTS
What constraints prevent your customers from taking action or limit their choices of solutions? Use: spending power, budget, no cash, network connection, available devices.

Need to provide discount s and various ways to pay the cash.

Need to have proper internet Connection.

5. AVAILABLE SOLUTIONS
Which solutions are available to the customers when they face the problem

or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? Use: pen and paper is an alternative to digital notetaking

Smart Fashion Recommender which are supported in many browsers

Smart Fashion Recommender Chatbot is developed in this project.

2. JOBS-TO-BE-DONE / PROBLEMS
Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one, explore different sides.

Once the customer enters the first page, suggestions and recommendations gathered from them to understand the customer interest.

To collect data about our visitors and leverage it to make better product suggestions and recommendations.

3. PROBLEM ROOT CAUSE
What is the real reason that the problem exists? What is the back story behind the need to do this job? Use: customers have to do it because of the change in regulations.

Mostly Shopping sites come with variety of products which was ambiguous to the customer.

So, we could remove this by implementing any third-party approach to this solution.

7. BEHAVIOUR
What does your customer do to address the problem and get the job done?

Seamless Real-Life Interaction
Customer Data Security
Reduce Customer Frustration

3. TRIGGERS
What triggers customers to act? Use: seeing their neighbour installing solar panels, reading about a more efficient solution in the news.

Improve Lead Generation.
Reduce Customer Service Cost.
Monitor Consumer Data to Gain Insights.

10. YOUR SOLUTION
If you are working on an existing business, write down your current solution first. Fill in the canvas, and check how much it fits reality.
If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.

Instead of navigating to several screens for booking products online, the user can directly talk to Chatbot regarding the products.

8. CHANNELS of BEHAVIOUR
8.1 ONLINE
What kind of actions do customers take online? Extract online channels from #7

In online, they can purchase products and able to see variety of products listed there.

They could perform all the actions during online mode.

8.2 OFFLINE
What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development.

Make sure they are aware of the usage of the Chatbots.

4. EMOTIONS: BEFORE / AFTER
How do customers feel when they face a problem or a job and afterwards? Use: lost, insecure > confident, in control - use it in your communication strategy & design.

Took longer time to process and respond to the query. Strategic replay Customer Replay will reduce the Emotions of the customer.

4.REQUIREMENT ANALYSIS

4.1 FUNCTIONAL REQUIREMENTS

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form or directly login through google API
FR-2	User Interaction	Interact through the IBM Watson Chat Bot
FR-3	Buying Products	Through the chat Bot Recommendation and custom filters
FR-4	Track Products	Separate page to keep Track my Orders
FR-5	Return Products	Through the chat Bot and separate page will be available for this operation.
FR_6	New Collections	Always getting recommendation from chat Bot

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Using any kind of web browsers , you could easily interact with this webapp
NFR-2	Security	The user data is stored securely in IBM cloud.
NFR-3	Reliability	The Quality of the services are trusted.
NFR-4	Performance	Its Provide smooth user experience.
NFR-5	Availability	The services are available for 24/7.
NFR-6	Scalability	It's easy to scale for any no of users and products and provide custom settings to the admin for high scalability.

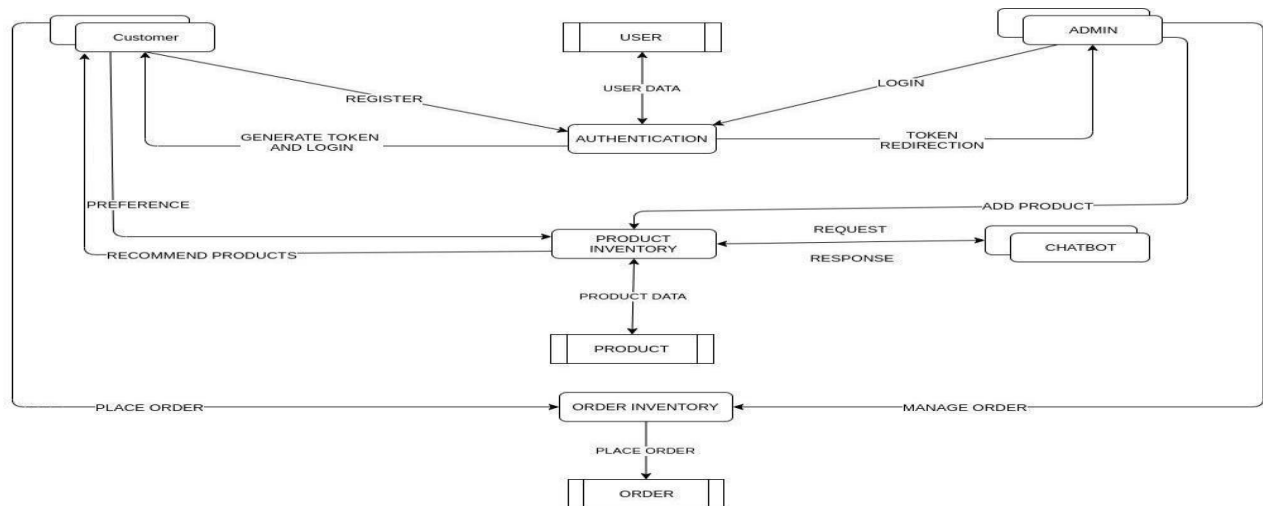
5. PROJECT DESIGN

5.1 DATA FLOW DIAGRAMS

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

DFD Level 0 (Industry Standard):



5.2 SOLUTION & TECHNICAL ARCHITECTURE

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions. Its goals are to:

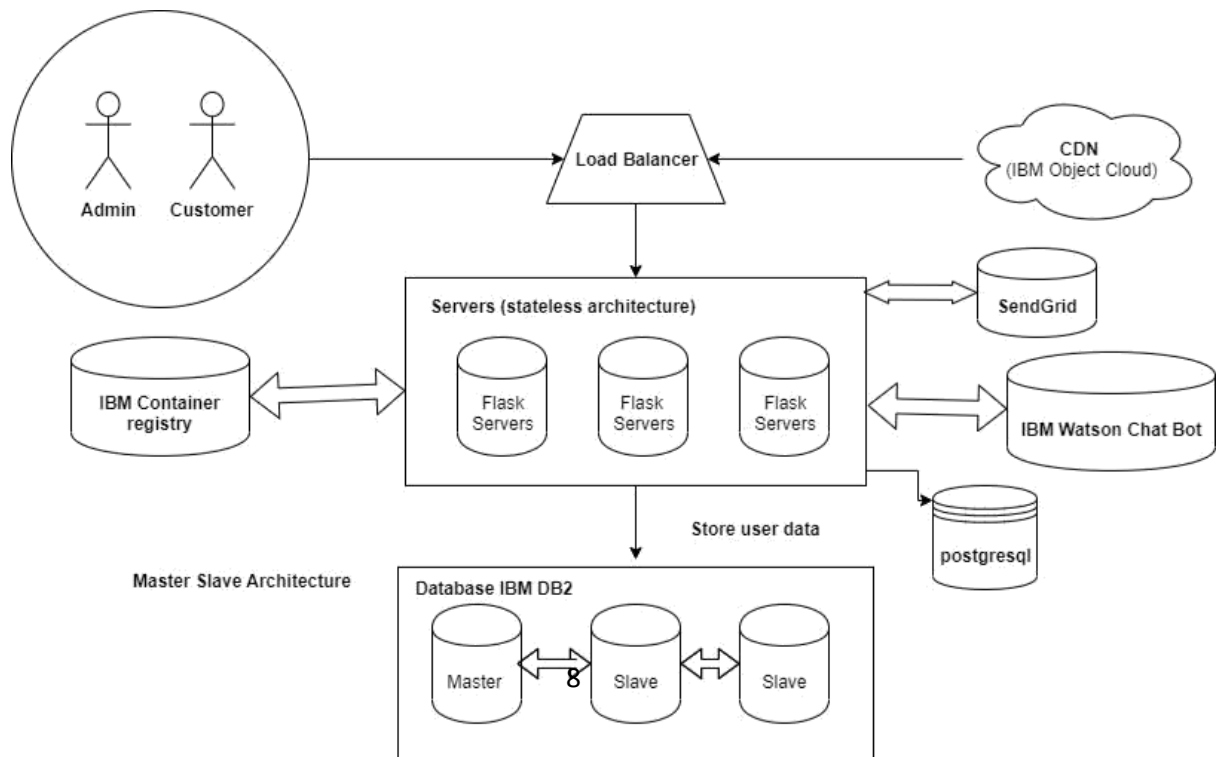
2. Find the best tech solution to solve existing business problems.
3. Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders.
4. Define features, development phases, and solution requirements.
5. Provide specifications according to which the solution is defined, managed, and delivered.

Solution Architecture Diagram:

In our project, there are two main responsibility personals such us Admin and User:

ADMIN: The role of admin mostly validating and monitoring the users. Admin also wanted to solve the issues of the user and is to check out the database about the users and purchasing products.

USER: The user (Customer) who is creating profiles and login into the website and go through the products available on the website. Instead of navigating to several screens for booking products online, the user can directly talk to Chatbot regarding the products.



5.3 USER STORIES

User Type	Functional Requirement	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Web User)	Registration And Initial Operation	USN-1	As a user, I can register to the application by entering my email, password, and confirm password or directly login through google API .	I could access my account / dashboard and profile.	High	<u>Sprint-1</u>
	OTP Registration Based	USN-2	As a user once I registered the application, I would receive the OTP for confirming my account.	I could receive OTP and confirm my account.	High	<u>Sprint-1</u>
	Interactive Home Page	USN-3	As a user, I can see variety of products and click separate categories on the home page.	I could see variety of products and access each one separately.	High	<u>Sprint-1</u>
	Profile and Order details	USN-4	As a user, can easily access and edit the profile, order, and shopping cart.	Profile, order would be easily modifiable by me.	High	<u>Sprint-2</u>
	Reviews Details	USN-5	As a user, able to see each product, their reviews separately.	Able to see each product and their reviews	High	<u>Sprint-2</u>
	Chat bot services	USN-6	As a user, I can interact with the chatbot service for tracking my required product.	Able to interact with the chatbot service for tracking my required products.	Medium	<u>Sprint-2</u>
	Payment System	USN-7	User can able to pay the amount through variety of methods.	Variety of payment methods.	Medium	<u>Sprint-3</u>
Seller (Web User)		USN-8	As a seller, can list and add his product request to the admin.	Seller should have own account to publish his product request to the admin.	Medium	<u>Sprint-3</u>
		USN-9	As a user, able to track the shipped order.	Able to trace the place of shipped item.	Medium	<u>Sprint-3</u>
Administrator (Web User)		USN-10	As an admin, able to keep track of the products and their availabilities.	Admin is responsible to keep track of the product.	High	<u>Sprint-4</u>
User Type	Functional Requirement	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
		USN-11	As an admin, need to validate the customers.	Can validate the customers.	High	<u>Sprint-4</u>
		USN-12	Able to obtain the customer interest and do recommendation changes in the chat bot.	Admin makes modification in the chat bot.	High	<u>Sprint-4</u>

6. PROJECT PLANNING & SCHEDULING

6.1 SPRINT PLANNING & ESTIMATION

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration And Initial Operation	USN-1	As a user, I can register to the application by entering my email, password, and confirm password or directly login through google API and Facebook.	10	High	Team Member 1,2 (Selvakumar, Thirumurugan)
Sprint-1	OTP Registration Based	USN-2	As a user once I registered the application, I would receive the OTP for confirming my account.	5	High	Team Lead
Sprint-1	Interactive Home Page	USN-3	As a user, I can see variety of products and click separate categories on the home page.	15	High	Team Lead
Sprint-2	Profile and Order Details	USN-4	As a user, can easily access and edit the profile, order, and shopping cart.	3	High	Team Member 3,4
Sprint-2	Reviews Details	USN-5	As a user, able to see each product, their reviews separately.	1	High	Team Member 1
Sprint-2	Chat bot services	USN-6	As a user, I can interact with the chatbot service for tracking my required product.	3	High	Team Lead, Team Member 2
Sprint-3	Payment System	USN-7	User can able to pay the amount through variety of methods.	3	Medium	Team Member 3,4

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	Seller Account	USN-8	As a seller, can list and add his product request to the admin.	2	Medium	Team Lead
Sprint-3	Track the shipped Items	USN-9	As a user, able to track the shipped order.	2	Medium	Team Member 1,2
Sprint-4	Admin page and keep track of the application	USN-10	As an admin, able to keep track of the products and their availabilities.	3	High	Team Member 3
Sprint-4	Admin can validate the sellers and customers	USN-11	As an admin, need to validate the customers and sellers.	2	High	Team Lead
Sprint-4	Admin could view the recommendation of the customers	USN-12	Able to obtain the customer interest and do recommendation changes in the chat bot.	3	Low	Team Member 4

6.2 SPRINT DELIEVERY SCHEDULE

Project Tracker, Velocity & Burndown Chart: (4 Marks)

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	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

Burndown Chart:

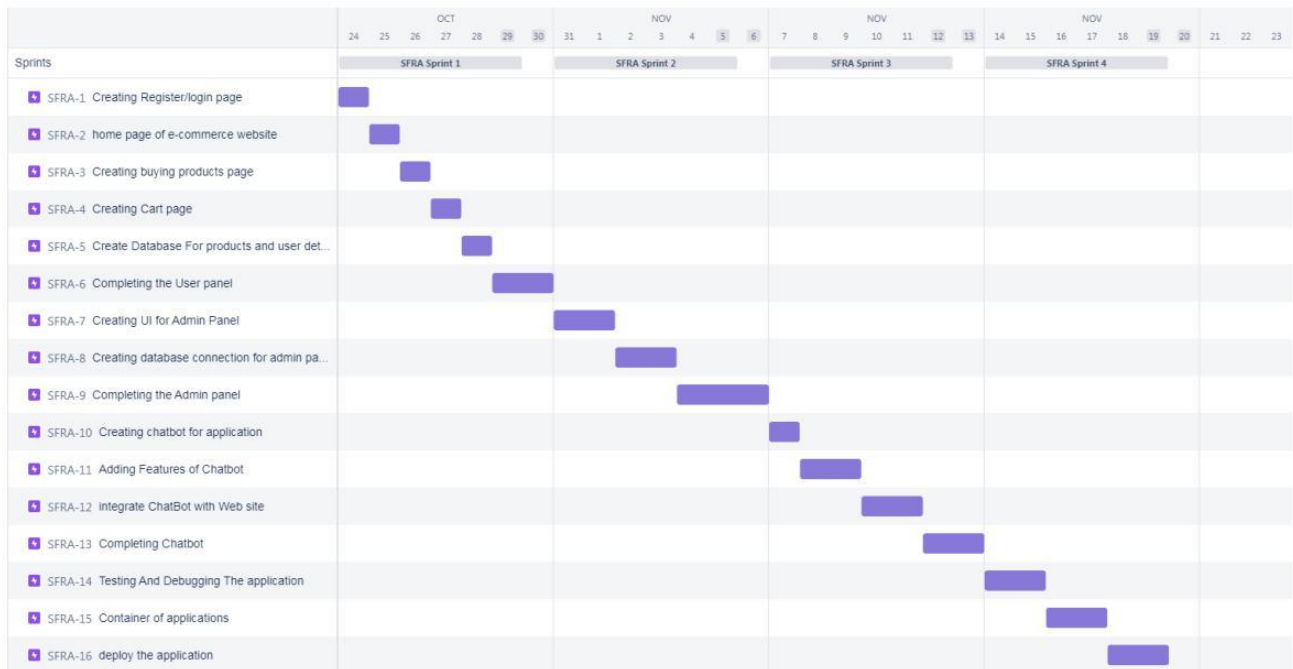
A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>

6.3 REPORTS FROM JIRA

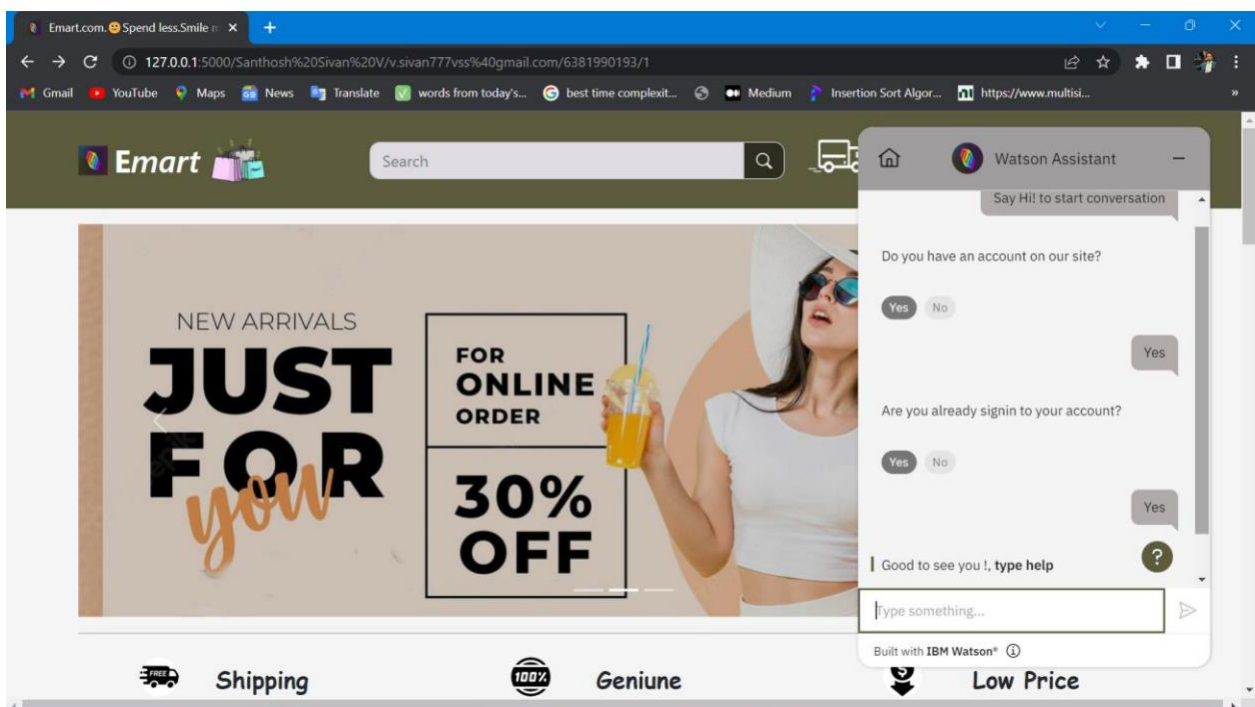
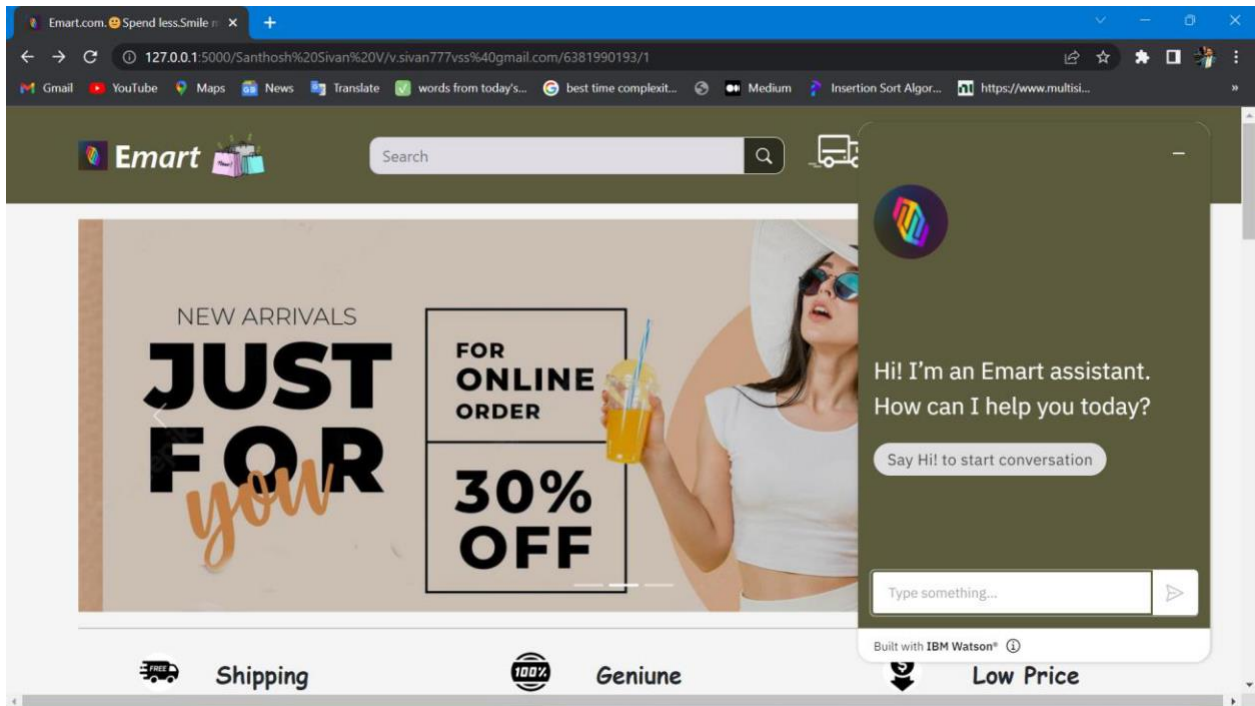
Burndown Chart:



7.CODING & SOLUTIONING

7.1 FEATURE 1

Using chat bot we can manage user's choices and orders.



7.3 DATABASE SCHEMA

The screenshot shows the IBM Db2 on Cloud interface. The top navigation bar includes 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The 'Tables' tab is selected. Below the navigation bar, there is a search bar labeled 'Find schemas or tables' and a 'Refresh' button. The main content area is divided into two panels: 'Schemas' and 'Tables'.

Schemas Panel:

Name	Type	Tables
YKX60167	User	3

Total: 1, selected: 1

Tables Panel:

Name	Schema	Properties
ADDRESSDETAILS1	YKX60167	...
CUSTOMERDETAILS	YKX60167	...
PAYMENT	YKX60167	...

Total: 3, selected: 0

The screenshot shows the IBM Db2 on Cloud interface with the 'Tables' tab selected. The 'YKX60167.CUSTOMERDETAILS' table is selected, and its details are displayed. The table has 7 columns: SNO, USERNAME, EMAIL, MOBILE_NUMBER, PASSWORD, REGISTERED_ON, and LAST_VISITED_AT. There is one row of data.

YKX60167.CUSTOMERDETAILS

Back

Export to CSV

SNO	USERNAME	EMAIL	MOBILE_NUMBER	PASSWORD	REGISTERED_ON	LAST_VISITED_AT
1	Santhosh Sivan V	v.sivan777vss@gmail.com	6381990193	sha256\$AXFDQ9QrQ1gWLH31\$9421d52cfe921ad858142d429787aa473ce745fa0367ff48fc8e8b76e9746f8	2022-11-18 21:48:11.005088	2022-11-19 19:29:07.422365

8. TESTING

8.1 TEST CASES

This report shows the number of test cases that have passed, failed, and untested

Section	Total Cases	Not Tested	Fail	Pass
Login	5	0	0	5
Register	7	0	0	7
Home Page	2	0	0	2
Order page	3	0	0	3
Order products	9	0	0	9
Final Report Output	4	0	0	4
Version Control	2	0	0	2

8.2 USER ACCEPTANCE TESTING

Purpose of Document

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

Defect Analysis

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

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
By Design	5	5	2	3	21
Duplicate	1	0	3	0	4
External	2	3	0	1	6
Fixed	11	2	4	20	37
Not Reproduced	0	0	1	0	1
Skipped	0	0	1	1	2
Won't Fix	0	5	2	1	8
Totals	24	14	13	26	77

9. RESULT

9.1 PERFORMANCE METRICS

Project team shall fill the following information in model performance testing.

NFT - Risk Assessment									
S.No	Project Name	Scope/Feature	Functional Changes	Hardware Changes	Software Changes	Impact of Downtime	Load/Volumes/Changes	Risk Score	Justification
1	Smart Fashion Recommender Application	New	Low	No Changes	Moderate		4 to 10K	ORANGE	As we have seen the changes

NFT - Detailed Test Plan				
S.No	Project Overview	NFT Test approach	Assumptions/Dependencies/Risks	Approvals/Sign Off
1	Smart Fashion Recommender Application	Manual testing	Laptop or mobile with internet connection, algorithms, hardware	

End Of Test Report							
S.No	Project Overview	NFT Test approach	NFR - Met	Test Outcome	GO/NO-GO decision	Recommendations	Identified Defects (Detected/Closed/Open)
	Smart Fashion Recommender Application	Manual		Worked as we expected		Use Laptop / desktop Mode	No Defects
							Vipraneehwaran

10. ADVANTAGES & DISADVANTAGES

ADVANTAGES:

- Its helps to user Shopping with Assistant
- Its helps to user manage there order list
- Its helps to user shopping at home

DISADVANTAGES:

- User have fear about online shopping
- User have sometimes received wrong items
- User have fear about online payment

11. CONCLUSION

Recommendation systems have the potential to explore new opportunities for retailers by enabling them to provide customized recommendations to consumers based on information retrieved from the Internet. They help consumers to instantly find the products and services that closely match with their choices. Moreover, different state-of-the-art algorithms have been developed to recommend products based on users' interactions with their social groups. Therefore, research on embedding social media images within fashion recommendation systems has gained huge popularity in recent times. This paper presented a review of the fashion recommendation systems, algorithmic models and filtering techniques based on the academic articles related to this topic. The technical aspects, strengths and weaknesses of the filtering techniques have been discussed elaborately, which will help future researchers gain an in-depth understanding of fashion recommender systems. However, the proposed prototypes should be tested in commercial applications to understand their feasibility and accuracy in the retail market, because inaccurate recommendations can produce a negative impact on a customer. Moreover, future research should concentrate on including time series analysis and accurate categorization of product images based on the variation in color, trend and clothing style in order to develop an effective recommendation system. The proposed model will follow brand specific personalization campaigns and hence it will ensure highly curated and tailored offerings for users. Hence, this research will be highly beneficial for researchers interested in using augmented and virtual reality features to develop recommendation systems.

12. FUTURE SCOPE

There has been significant progress recently in fashion recommendation system research, which will benefit both consumers and retailers soon. The use of product and user images, textual content, demographic history, and cultural information is crucial in developing recommendation frameworks. Product attributes and clothing style matching are common features of collaborative and content-based filtering techniques. Researchers can develop more sophisticated hyper personalized filtering techniques considering the correlation between consumers' clothing styles and personalities. The methods based on employing a scoring system for quantifying each product attribute will be helpful in increasing the precision of the model. The use of virtual sales advisers in an online shopping portal would provide consumers with a real time offline shopping experience. Retailers can collect the data on users' purchase history and product reviews from the recommendation system and subsequently use them in style prediction for the upcoming seasons. The integration of different domain information strengthens the deep learning paradigm by enabling the detection of design component variation, which improves the performance of the recommendation system in the long run. Deep learning approaches should be more frequently used to quickly explore fashion items from different online databases to provide prompt recommendations to users or consumers.

13. APPENDIX

13.1 SOURCE CODE

Run.py

```
from src import create_app
app = create_app()

if __name__ == '__main__':
    app.run(debug=True)
```

__init__.py

```
from flask import Flask

def create_app(test_config=None):
    #configuration of the project
    app = Flask(__name__,instance_relative_config=True)
    app.config.from_pyfile('config.cfg', silent=True)
    from src.views.home import home
    from src.views.auth import auth
    from src.views.details import details
    from src.views.cart import cart
    from src.views.product import product
    from src.views.payment import payment
    app.register_blueprint(home,url_prefix='/')
    app.register_blueprint(auth,url_prefix='/auth/')
    app.register_blueprint(details,url_prefix='/details/')
    app.register_blueprint(cart,url_prefix="/cart/")
    app.register_blueprint(product,url_prefix="/product/")
    app.register_blueprint(payment,url_prefix="/payment/")
    return app
```

home.py

```
from flask import Blueprint,render_template
from datetime import datetime as date

home = Blueprint('home',__name__)

@home.route('/')
def index():
    return render_template("index.html")
```

```

@home.route('<username>/<email>/<mobile>/<sno>')
def user(username,email,mobile,sno):
    return
render_template("index.html",msg=username,email=email,mobile=mobile,sno=sno,date=
date.today().strftime("%A"))

@home.route("/returns/<mobile>")
def returns(mobile):
    return render_template("order.html",mobile=mobile)

@home.route("/cart/<mobile>/")
def cart(mobile):
    return render_template("cart.html",mobile=mobile)

```

auth.py

```

from flask import
Blueprint,render_template,request,redirect,flash,url_for,session,make_response
from werkzeug.security import generate_password_hash, check_password_hash
from src.services import dbServices,otpServices
from src.constants import emailconstant
from . import home
from datetime import datetime
import ibm_db
import re

#IBM_Db2 initiated
conn = dbServices.conn
print(conn)

auth = Blueprint('auth',__name__)

@auth.route("otpGenerate/<fullname>/<mobileNumber>/<email>/<generate>/")
def otpGenerate(fullname,mobileNumber,email,generate):
    get_otp = otpServices.verifyOTP("+91"+mobileNumber)
    return
redirect(url_for('auth.processOTP',fullname=fullname,mobileNumber=mobileNumber,em
ail=email,generate=generate,get_otp=get_otp))

@auth.route("signup/",methods=['GET','POST'])
def signup():
    if request.method == 'POST':
        fullname = request.form['name']
        mobileNumber = request.form['phone_number']
        email = request.form['email']
        password = request.form['password']

```

```

confirm_password = request.form['cpassword']
generate = generate_password_hash(password,method='sha256')
if confirm_password != password:
    flash('Password is not matched', category='error')
elif(not re.fullmatch(emailconstant.emailChecker,email)):
    flash('Invalid email format',category='error')
else:
    check_exist ="SELECT * FROM CUSTOMERDETAILS WHERE MOBILE_NUMBER=? OR
EMAIL=?"
    Prep_select = ibm_db.prepare(conn,check_exist)
    ibm_db.bind_param(Prep_select,1,mobileNumber)
    ibm_db.bind_param(Prep_select,2,email)
    ibm_db.execute(Prep_select)
    verify=ibm_db.fetch_assoc(Prep_select)
    if verify:
        flash('Account already exist!', category='error')
    else:
        return
redirect(url_for('auth.otpGenerate',fullname=fullname,mobileNumber=mobileNumber,e
mail=email,generate=generate))

return render_template("sign-up.html")

```

```

@auth.route("processOTP/<fullname>/<mobileNumber>/<email>/<generate>/<get_otp>/",
methods=['POST','GET'])
def processOTP(fullname,mobileNumber,email,generate,get_otp):
    if request.method == 'POST':
        if request.form['otp'] == get_otp:
            try:
                flash('Account Created!','success')
                insert_sql ="INSERT INTO
CUSTOMERDETAILS(USERNAME,MOBILE_NUMBER,EMAIL,PASSWORD,REGISTERED_ON,LAST_VISITED_
AT) VALUES(?,?,?,?,?,?,?);"
                prep_stmt = ibm_db.prepare(conn,insert_sql)
                ibm_db.bind_param(prepare_stmt,1,fullname)
                ibm_db.bind_param(prepare_stmt,2,mobileNumber)
                ibm_db.bind_param(prepare_stmt,3,email)
                ibm_db.bind_param(prepare_stmt,4,generate)
                ibm_db.bind_param(prepare_stmt,5,str(datetime.now()))
                ibm_db.bind_param(prepare_stmt,6,str(datetime.now()))
                ibm_db.execute(prepare_stmt)
                select_sno ="SELECT * FROM CUSTOMERDETAILS WHERE MOBILE_NUMBER=?"
                select_stmt = ibm_db.prepare(conn,select_sno)
                ibm_db.bind_param(select_stmt,1,mobileNumber)
                ibm_db.execute(select_stmt)
                verify = ibm_db.fetch_assoc(select_stmt)
                sno = verify['SNO']

```

```

        except Exception as e:
            print(e)
            return redirect(url_for('auth.signup'))

        return
    redirect(url_for('home.user', username=fullname, email=email, mobile=mobileNumber, sno=sno))
    else:
        flash('OTP is not matched', 'error')

    return
    render_template("otp.html", fullname=fullname, mobileNumber=mobileNumber, email=email, generate=generate)

@auth.route("/signin/", methods=['GET', 'POST'])
def signin():

    if request.method == 'POST':
        uname=request.form['email']
        password=request.form['password']
        if(uname.isdigit()):
            if(len(uname)==10):
                checkpass = "SELECT * FROM CUSTOMERDETAILS WHERE MOBILE_NUMBER=?"
                check_password = ibm_db.prepare(conn, checkpass)
                ibm_db.bind_param(check_password, 1, uname)
                ibm_db.execute(check_password)
                verifyPass = ibm_db.fetch_assoc(check_password)
                if verifyPass:
                    if check_password_hash(verifyPass["PASSWORD"], password):
                        flash('Welcome
{0}'.format(verifyPass["USERNAME"]), 'success')
                        update_sql = "UPDATE CUSTOMERDETAILS SET LAST_VISITED_AT=?
WHERE MOBILE_NUMBER=? AND PASSWORD=?"
                        prep_stmt = ibm_db.prepare(conn, update_sql)
                        ibm_db.bind_param(prepare_stmt, 1, datetime.now())
                        ibm_db.bind_param(prepare_stmt, 2, verifyPass["MOBILE_NUMBER"])
                    )
                    ibm_db.bind_param(prepare_stmt, 3, verifyPass["PASSWORD"])
                    ibm_db.execute(prepare_stmt)
                    session["mobile"] = verifyPass["MOBILE_NUMBER"]
                    resp =
make_response(redirect(url_for("home.user", username=verifyPass["USERNAME"], email=
verifyPass["EMAIL"], mobile=verifyPass["MOBILE_NUMBER"], sno=verifyPass["SNO"])))
                    resp.set_cookie('userID', verifyPass["MOBILE_NUMBER"])
                    return resp
                else:
                    flash('Invalid Password!', category='error')

```

```

        else:
            flash('Invalid Mobile number!',category='error')
    else:
        flash('Invalid Mobile number!',category='error')
elif(re.fullmatch(emailconstant.emailChecker,uname)):
    checkpass = "SELECT * FROM CUSTOMERDETAILS WHERE EMAIL=?"
    check_password = ibm_db.prepare(conn,checkpass)
    ibm_db.bind_param(check_password,1,uname)
    ibm_db.execute(check_password)
    verifyPass = ibm_db.fetch_assoc(check_password)
    if verifyPass:
        if check_password_hash(verifyPass["PASSWORD"],password):
            flash('Welcome {0}'.format(verifyPass["USERNAME"]), 'success')
            update_sql ="UPDATE CUSTOMERDETAILS SET LAST_VISITED_AT=?
WHERE EMAIL=? AND PASSWORD=?"
            prep_stmt = ibm_db.prepare(conn,update_sql)
            ibm_db.bind_param(prepare_stmt,1,datetime.now())
            ibm_db.bind_param(prepare_stmt,2,verifyPass["EMAIL"])
            ibm_db.bind_param(prepare_stmt,3,verifyPass["PASSWORD"])
            ibm_db.execute(prepare_stmt)
            session["email"] = verifyPass['EMAIL']
            resp =
make_response(redirect(url_for("home.user",username=verifyPass["USERNAME"],email=
verifyPass["EMAIL"],mobile=verifyPass["MOBILE_NUMBER"],sno=verifyPass["SNO"])))
            resp.set_cookie('userID', verifyPass["EMAIL"])
            return resp
        else:
            flash('Invalid Password!',category='error')
    else:
        flash('Invalid Email address!',category='error')

else:
    flash('Invalid email and password!',category='error')

return render_template("sign-in.html")

@auth.route("/forget/",methods=['POST','GET'])
def forget():
    if request.method == "POST":
        uname = request.form['email']
        if(uname.isdigit()):
            if(len(uname)==10):
                checkpass = "SELECT * FROM CUSTOMERDETAILS WHERE MOBILE_NUMBER=?"
                check_password = ibm_db.prepare(conn,checkpass)
                ibm_db.bind_param(check_password,1,uname)
                ibm_db.execute(check_password)
                verifyPass = ibm_db.fetch_assoc(check_password)
                if verifyPass:

```

```

        return
    redirect(url_for("auth.change",mobilenumber=verifyPass["MOBILE_NUMBER"]))
    else:
        flash("Account doesn't exist",category='error')
    else:
        flash('Invalid Mobile number!',category='error')
    else:
        flash('Invalid Mobile number!',category='error')
    return render_template("forget.html")

#balance work in authenticaiton:
#visible icon ok
#session
#cookie

@auth.route("change/<mobilenumber>",methods=['POST','GET'])
def change(mobilenumber):
    if request.method == "POST":
        new_password = request.form['new_password']
        c_password = request.form['c_password']

        if(new_password == c_password):
            get_otp = otpServices.verifyOTP("+91"+mobilenumber)
            return
    redirect(url_for("auth.processOTP_FORGET",mobileNumber=mobilenumber,get_otp=get_otp,password=new_password))
    else:
        flash('Password is not matched',category='error')
    return render_template("change.html",msg="none")

@auth.route("processFORGET/<mobileNumber>/<get_otp>/<password>",methods=['POST','GET'])
def processOTP_FORGET(password,mobileNumber,get_otp):
    if request.method == 'POST':
        if request.form['otp'] == get_otp:
            try:
                flash('Password Changed!','success')
                update_sql ="UPDATE CUSTOMERDETAILS SET PASSWORD = ? WHERE MOBILE_NUMBER= ?"
                prep_stmt = ibm_db.prepare(conn,update_sql)
                ibm_db.bind_param(prepare_stmt,1,generate_password_hash(password,method='sha256'))
                ibm_db.bind_param(prepare_stmt,2,mobileNumber)
                ibm_db.execute(prepare_stmt)
                return render_template('change.html',msg="success")
            except:
                flash('Problem with internal system')
        else:

```

```

        flash('OTP is not matched','error')

    return render_template("otp.html")

@auth.route("logout/")
def logout():
    if "mobile" in session:
        session.pop("mobile",None)
    if "email" in session:
        session.pop("email",None)
    return redirect(url_for("home.index"))

```

details.py

```

from flask import Blueprint,render_template,request,redirect,flash,url_for
from werkzeug.security import generate_password_hash, check_password_hash
from datetime import datetime
from src.services import dbServices,payServices
import ibm_db
import razorpay

conn = dbServices.conn

details = Blueprint('details',__name__)

def check_exist(sno):
    check_exist = "SELECT * FROM ADDRESSDETAILS1 WHERE CUSTOMERID = ?"
    prep = ibm_db.prepare(conn,check_exist)
    ibm_db.bind_param(prepare,1,sno)
    ibm_db.execute(prepare)
    innverify = ibm_db.fetch_assoc(prepare)
    if innverify:
        delivery = innverify["DELIVERYADDRESS"]
        pin = innverify["PINCODE"]
        city = innverify["CITY"]
        state = innverify["STATE"]
    else:
        delivery=""
        pin=""
        city=""
        state=""
    return delivery,pin,city,state

@details.route("/details/<username>/<email>/<mobile>/<sno>/",methods=['POST','GET'])

```



```

def open(username,email,mobile,sno):
    name = username
    phone = mobile
    address,pincode,city,state = check_exist(sno)
    add = address
    pn = pincode
    ci = city
    st = state
    if request.method == 'POST':
        snoo = sno
        username = request.form['name']
        mail = request.form['email']
        mobile = request.form['mobile']
        address = request.form['delivery']
        pincode = request.form['pin']
        state = request.form['state']
        city = request.form['city']
        if not address or not state or not city:
            username = name
            mail = email
            mobile = phone
            address = add
            pincode = pn
            state = st
            city = ci
            flash("Empty address or state or city content!","error")
        elif len(mobile)!=10:
            username = name
            mail = email
            mobile = phone
            address = add
            pincode = pn
            state = st
            city = ci
            flash("Incorrect mobile number format (REMOVE +91)","error")
        elif not pincode:
            username = name
            mail = email
            mobile = phone
            address = add
            pincode = pn
            state = st
            city = ci
            flash("Empty pincode content!","error")
        else:
            select_main ="SELECT * FROM CUSTOMERDETAILS WHERE SNO = ?"
            prep_select = ibm_db.prepare(conn,select_main)
            ibm_db.bind_param(prepare_select,1,sno)
            ibm_db.execute(prepare_select)

```

```

verifyfirst = ibm_db.fetch_assoc(prepare_select)
if verifyfirst:
    update_sql="UPDATE CUSTOMERDETAILS SET USERNAME = ? ,EMAIL = ?,
MOBILE_NUMBER = ? WHERE SNO = ?"
    prep_stmt = ibm_db.prepare(conn,update_sql)
    ibm_db.bind_param(prepare_stmt,1,username)
    ibm_db.bind_param(prepare_stmt,2,mail)
    ibm_db.bind_param(prepare_stmt,3,mobile)
    ibm_db.bind_param(prepare_stmt,4,snoo)
    ibm_db.execute(prepare_stmt)
    select_sql="SELECT * FROM ADDRESSDETAILS1 WHERE CUSTOMERID = ?"
    prep_selectadd = ibm_db.prepare(conn,select_sql)
    ibm_db.bind_param(prepare_selectadd,1,snoo)
    ibm_db.execute(prepare_selectadd)
    verify = ibm_db.fetch_assoc(prepare_selectadd)
    if verify:
        update_sql = "UPDATE ADDRESSDETAILS1 SET MOBILE_NUMBER= ?
,DELIVERYADDRESS= ?, PINCODE= ?, STATE=?, CITY=?, CHANGED_AT= ? WHERE CUSTOMERID
= ?"

        prep_address = ibm_db.prepare(conn,update_sql)
        ibm_db.bind_param(prepare_address,1,mobile)
        ibm_db.bind_param(prepare_address,2,address)
        ibm_db.bind_param(prepare_address,3,pincode)
        ibm_db.bind_param(prepare_address,4,state)
        ibm_db.bind_param(prepare_address,5,city)
        ibm_db.bind_param(prepare_address,6,datetime.now())
        ibm_db.bind_param(prepare_address,7,snoo)
        ibm_db.execute(prepare_address)
        flash("Successfully Changed!",category='error')
    else:
        try:
            ini = 'INSERT INTO "YKX60167"."ADDRESSDETAILS1"
("CUSTOMERID","MOBILE_NUMBER","DELIVERYADDRESS","CITY","STATE","PINCODE","CHANGED
_AT")VALUES(?,?,?,?,?,?,?);'
            prepr_insert = ibm_db.prepare(conn,ini)
            ibm_db.bind_param(prepr_insert,1,snoo)
            ibm_db.bind_param(prepr_insert,2,mobile)
            ibm_db.bind_param(prepr_insert,3,address)
            ibm_db.bind_param(prepr_insert,4,city)
            ibm_db.bind_param(prepr_insert,5,state)
            ibm_db.bind_param(prepr_insert,6,pincode)
            ibm_db.bind_param(prepr_insert,7,datetime.now())
            ibm_db.execute(prepr_insert)
            flash("Successfully Changed!",category='error')
        except Exception as e:
            print("IBM Error:",e)

    else:
        flash("Customer doesn't exist!",category="error")

```

```

        return
render_template("details.html",fullname=username,email=email,mobile=mobile,sno=sno,address=address,pincode=pincode,state=state,city=city)

```

cart.py

```

import ibm_db
from flask import Blueprint,render_template,request
from datetime import datetime

cart = Blueprint("cart",__name__)

@cart.route("/<mobile>/")
def box(mobile):
    return render_template("cart.html",mobile=mobile)

```

Details.py

```

from flask import Blueprint,render_template,request,redirect,flash,url_for
from werkzeug.security import generate_password_hash, check_password_hash
from datetime import datetime
from src.services import dbServices,payServices
import ibm_db
import razorpay

conn = dbServices.conn
client = payServices.pay()
print(conn)
payment = Blueprint("payment",__name__)

def check_exist(sno):
    check_exist = "SELECT * FROM ADDRESSDETAILS1 WHERE CUSTOMERID = ?"
    prep = ibm_db.prepare(conn,check_exist)
    ibm_db.bind_param(prepare,1,sno)
    ibm_db.execute(prepare)
    innverify = ibm_db.fetch_assoc(prepare)
    if innverify:
        delivery = innverify["DELIVERYADDRESS"]
        pin = innverify["PINCODE"]
        city = innverify["CITY"]
        state = innverify["STATE"]
    else:
        delivery=""
        pin=""
        city=""
        state=""

```

```
return delivery,pin,city,state
```

```
@payment.route("/<product_name>/<product_image>/<price>/details/<username>/<email>/<mobile>/<sno>/<buy>",methods=['POST','GET'])
```

```
def openpay(product_name,product_image,price,username,email,mobile,sno,buy):
```

```
    name = username
```

```
    phone = mobile
```

```
    address,pincode,city,state = check_exist(sno)
```

```
    add = address
```

```
    pn = pincode
```

```
    ci = city
```

```
    st = state
```

```
    if request.method == 'POST':
```

```
        snoo = sno
```

```
        username = request.form['name']
```

```
        mail = request.form['email']
```

```
        mobile = request.form['mobile']
```

```
        address = request.form['delivery']
```

```
        pincode = request.form['pin']
```

```
        state = request.form['state']
```

```
        city = request.form['city']
```

```
        if not address or not state or not city:
```

```
            username = name
```

```
            mail = email
```

```
            mobile = phone
```

```
            address = add
```

```
            pincode = pn
```

```
            state = st
```

```
            city = ci
```

```
            flash("Empty address or state or city content!","error")
```

```
        elif len(mobile)!=10:
```

```
            username = name
```

```
            mail = email
```

```
            mobile = phone
```

```
            address = add
```

```
            pincode = pn
```

```
            state = st
```

```
            city = ci
```

```
            flash("Incorrect mobile number format (REMOVE +91)","error")
```

```
        elif not pincode:
```

```
            username = name
```

```
            mail = email
```

```
            mobile = phone
```

```
            address = add
```

```
            pincode = pn
```

```
            state = st
```

```
            city = ci
```

```
            flash("Empty pincode content!","error")
```

```
    else:
```

```

select_main ="SELECT * FROM CUSTOMERDETAILS WHERE SNO = ?"
prep_select = ibm_db.prepare(conn,select_main)
ibm_db.bind_param(prepare_select,1,sno)
ibm_db.execute(prepare_select)
verifyfirst = ibm_db.fetch_assoc(prepare_select)
if verifyfirst:
    update_sql="UPDATE CUSTOMERDETAILS SET USERNAME = ? ,EMAIL = ?,
MOBILE_NUMBER = ? WHERE SNO = ?"
    prep_stmt = ibm_db.prepare(conn,update_sql)
    ibm_db.bind_param(prepare_stmt,1,username)
    ibm_db.bind_param(prepare_stmt,2,mail)
    ibm_db.bind_param(prepare_stmt,3,mobile)
    ibm_db.bind_param(prepare_stmt,4,snoo)
    ibm_db.execute(prepare_stmt)
    select_sql="SELECT * FROM ADDRESSDETAILS1 WHERE CUSTOMERID = ?"
    prep_selectadd = ibm_db.prepare(conn,select_sql)
    ibm_db.bind_param(prepare_selectadd,1,snoo)
    ibm_db.execute(prepare_selectadd)
    verify = ibm_db.fetch_assoc(prepare_selectadd)
    if verify:
        update_sql = "UPDATE ADDRESSDETAILS1 SET MOBILE_NUMBER= ?
,DELIVERYADDRESS= ?, PINCODE= ?, STATE=?, CITY=?, CHANGED_AT= ? WHERE CUSTOMERID
= ?"

        prep_address = ibm_db.prepare(conn,update_sql)
        ibm_db.bind_param(prepare_address,1,mobile)
        ibm_db.bind_param(prepare_address,2,address)
        ibm_db.bind_param(prepare_address,3,pincode)
        ibm_db.bind_param(prepare_address,4,state)
        ibm_db.bind_param(prepare_address,5,city)
        ibm_db.bind_param(prepare_address,6,datetime.now())
        ibm_db.bind_param(prepare_address,7,snoo)
        ibm_db.execute(prepare_address)
        flash("Successfully Changed!",category='error')
    else:
        try:
            ini = 'INSERT INTO "YKX60167"."ADDRESSDETAILS1"
("CUSTOMERID","MOBILE_NUMBER","DELIVERYADDRESS","CITY","STATE","PINCODE","CHANGED
_AT")VALUES(?,?,?,?,?,?,?);'
            prepr_insert = ibm_db.prepare(conn,ini)
            ibm_db.bind_param(prepr_insert,1,snoo)
            ibm_db.bind_param(prepr_insert,2,mobile)
            ibm_db.bind_param(prepr_insert,3,address)
            ibm_db.bind_param(prepr_insert,4,city)
            ibm_db.bind_param(prepr_insert,5,state)
            ibm_db.bind_param(prepr_insert,6,pincode)
            ibm_db.bind_param(prepr_insert,7,datetime.now())
            ibm_db.execute(prepr_insert)
            flash("Successfully Changed!",category='error')
        except Exception as e:

```

```

        print("IBM Error:",e)

    else:
        flash("Customer doesn't exist!",category="error")

    return
render_template("details.html",product_name=product_name,product_image=product_image,price=price,username=username,email=email,mobile=mobile,sno=sno,address=address,pincode=pincode,state=state,city=city,buy=buy)

@payment.route("/<product_name>/<product_image>/<price>/paymentby/<username>/<email>/<mobile>/<sno>/")
def paymentready(product_name,product_image,price,username,email,mobile,sno):
    Client = client
    data = { "amount": price+"00", "currency": "INR", "receipt": "#11" }
    print(data)
    payment_details = Client.order.create(data=data)
    return
render_template("payment.html",payment_details=payment_details,username=username,product_name=product_name,product_image=product_image,price=price,email=email,mobile=mobile,sno=sno)

```

product.py

```

from flask import Blueprint,render_template,request,redirect,flash,url_for
from werkzeug.security import generate_password_hash, check_password_hash
from datetime import datetime

product = Blueprint("product",__name__)

@product.route("/<product_name>/<company_name>/<logo>/<product_image>/<price>/<date>/<location>/<rating>/<f1>/<f2>/<f3>/<f4>/<f5>/<username>/<email>/<mobile>/<sno>")
def individual(product_name,company_name,logo,product_image,price,date,location,rating,f1,f2,f3,f4,f5,username,email,mobile,sno):
    logo = url_for('static',filename='/images/'+str(logo))
    return
render_template("product.html",product_name=product_name,username=username,email=email,mobile=mobile,sno=sno,company_name=company_name,logo=logo,product_image=product_image,price=price,date=date,location=location,rate=rating,f1=f1,f2=f2,f3=f3,f4=f4,f5=f5)

```

```

@product.route('<username>/<email>/<mobile>/<sno>/Watches')
def watch(username,email,mobile,sno):
    return
render_template("watchproduct.html",msg=username,email=email,mobile=mobile,sno=sno)

@product.route('<username>/<email>/<mobile>/<sno>/Clothes')
def clothes(username,email,mobile,sno):
    return
render_template("productcloth.html",msg=username,email=email,mobile=mobile,sno=sno)

```

Html pages:

Base.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    {% block title %}
    <title> Emart</title>
    {% endblock %}
    <meta name="description" content="Created by IBM web-team">
    <meta name="keywords" content="fashion, shopping, products">
    <link rel="shortcut icon" href="{{ url_for('static',
filename='/images/favicon.ico') }}">
    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.0.3/css/font-awesome.css" rel="stylesheet">
    <link href="https://fonts.googleapis.com/icon?family=Material+Icons"
rel="stylesheet">
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
iYQeCzEYFbkJA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/TYkiZhlZB6+fzT"
crossorigin="anonymous">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/css/materialize.min.css">
</head>

{% block body %}<body></body>{% endblock %}
<script
src="https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/js/materialize.min.js"></script>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>

```

```

<script src="https://unpkg.com/@popperjs/core@2"></script>
<script
src="https://cdn.jsdelivr.net/npm/popper.js@1.14.3/dist/umd/popper.min.js"></scri
pt>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.bundle.min.js
" integrity="sha384-
u10knCvxWVY5kfmNBILK2hRnQC3Pr17a+RTT6rIHI7NnikvbZlHgTP00mMi466C8"
crossorigin="anonymous"></script>
</html>

```

Index.html

```

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

    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Emart.com. 😊Spend less.Smile more.</title>
    <meta name="description" content="Created by IBM web-team">
    <meta name="keywords" content="fashion, shopping, products">
    <link rel="shortcut icon" href="{ { url_for('static',
filename='/images/favicon.ico') }}">
    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.0.3/css/font-
awesome.css" rel="stylesheet">
    <link href="https://cdn.usebootstrap.com/bootstrap/4.4.1/css/bootstrap.min.css"
rel="stylesheet">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.9.1/font/bootstrap-icons.css">
    <link href="https://stackpath.bootstrapcdn.com/bootstrap/5.0.0-
alpha1/css/bootstrap.min.css" rel="stylesheet">
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTWFspD3yD65VohhpUuCOMLASjC"
crossorigin="anonymous">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scrip
t>
    <style>
        .card:hover {
            opacity: 0.9;
            -webkit-transform: scale(1.05);
            -moz-transform: scale(1.05);

```



```

-ms-transform: scale(1.05);
-o-transform: scale(1.05);
transform: scale(1.05);
background: #fff;
box-shadow: 10px 10px 30px black;
/*box-shadow: 0px 15px 26px rgba(0, 0, 0, 0.50);*/
-webkit-transition: all 0.2s ease-in;
-moz-transition: all 0.2s ease-in;
-ms-transition: all 0.2s ease-in;
-o-transition: all 0.2s ease-in;
transition: all 0.2s ease-in;
background-color:#993366
}

.li{
  color:black;
}
.li:hover{
  color:white;
  background:#2e2e1f;
}
</style>
</head>
<body style="background-color:whitesmoke">
  <nav class="navbar navbar-expand-lg navbar-dark" style="background-color:
#5c5c3d">
    <div class="container">
      <center><a class="navbar-brand" href="#">
        <div class="in"
          style="display:flex;flex-direction:row;align-items: center;justify-
content:flex-start;gap:1.5%;">
          
          <h2 class="ms my-1 ml-1"
style="color:white"><strong>E</strong><em>mart</em></h2>
          
        </div>
      </a></center>
      <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 my-1" id="navbarSupportedContent">
        <ul class="navbar-nav col-lg-6 offset-lg-0" style="order:2">
          <li class="nav-item ml-2">

```

```

        <center></center>
    </li>
    <div class="text-light mx-4 my-1" style="font-size:13px;font-family:
cursive;">
        <center>
            <p class="my-1 text-light">Deliver to</p>
            <p><i class="bi bi-geo-alt-fill"></i>&nbsp;&nbsp;&nbsp;India</p>
        </center>
    </div>
    <li class="my-1">
        {% if not msg: %}
        <a tabindex="10"
        role="button"
        data-html="true"
        data-toggle="popover"
        data-trigger="click"
        data-placement="bottom"
        data-content="<div class='text-center'><a
href='{{url_for('auth.signin')}}' class='mb-1 btn btn-md bg-secondary text-light
top-0 start-100' style='white;padding-left:10px;' >Sign in</a></div>
        </br>
        <p>New customer?<a href='{{url_for('auth.signup')}}'
style='color:#2e2e1f;' class='text-secondary text-decoration-none'>Start here</a>
        </p>"> <center><h7 style="color:white;font-weight:450"><i
style="color:white;font-size:1.2rem" class="bi bi-person-circle"></i><br />Hello,
Login</h7></center></a>
        {% else %}
        <center>
            <a tabindex="8"
            role="button"
            data-html="true"
            data-toggle="popover"
            data-trigger="click"
            data-placement="bottom"
            data-content="<div class='text-center'><h6>{{ msg
}}</h6></div><div class='container px-0 py-0'>
                <a href='{{
url_for("details.open",username=msg,email=email,mobile=mobile,sno=sno)}}'
class='bg-secondary text-light btn p-2 btn-sm px-1 py-1 text-decoration-none'
>Account Details</a></br></br>
                <a href='{{ url_for("home.returns",mobile=mobile)}}'
style='background-color:#2e2e1f;' class='bg-secondary text-light btn p-2 btn-sm
px-1 py-1 text-decoration-none'>Orders & Return</a></br></br>
                <a href='{{ url_for("auth.logout")}}' style='background-
color:#2e2e1f;' class='bg-secondary text-light btn p-2 btn-sm px-4 py-1 text-
decoration-none'>&nbsp;&nbsp;&nbsp;Log out &nbsp;&nbsp;&nbsp;</a></br></br></div>

```

```

        "> <center><h7 style="color:white;font-weight:450"><i
style="color:white;font-size:1.2rem" class="bi bi-person-circle"></i><br />{{ msg
}}</h7></center></a>
        </center>
    </li>
    <li class="mx-4">
        <a href='{{url_for("cart.box",mobile=mobile)}}'
style="color:white;text-decoration: none;font-family: cursive">
            <center>
                <h5><i style="color:white;font-size:1.4rem" class="bi bi-
cart3"></i></h5>
                <p>Cart</p>
            </center>
        </a>
    </li>
    {% endif %}

</ul>
<form class="form-inline col-lg-6 offset-lg-1">
    <input class="form-control col-lg" style="background-
color:#DFDCE3;border-radius:10px 0px 0px 10px" type="search" placeholder="Search"
aria-label="Search">
    <button class="btn btn-light my-2 my-sm-0 mx-0" style="background-
color:#2e2e1f;border-radius:0px 10px 10px 0px" type="submit"><i
class="text-light bi bi-search"></i></button>
</form>
</div>
</div>
</nav>
<div class="container mt-3">
    <div class="row">
        <div class="col-lg-12">
            <div id="carouselExampleControls" class="carousel slide" data-
ride="carousel">
                <ol class="carousel-indicators">
                    <li data-target="#carouselExampleControls" data-slide-to="0"
class="active"></li>
                    <li data-target="#carouselExampleControls" data-slide-to="1"></li>
                    <li data-target="#carouselExampleControls" data-slide-to="2"></li>
                </ol>
                <div class="carousel-inner">
                    <div class="carousel-item active">
                        
                        <div class="carousel-caption d-none d-md-block">
                            <h5>Top Watches</h5>
                            <h6>10% Special Offers</h6>
                        </div>
                    </div>
                </div>
            </div>

```

```

        <div class="carousel-item">
            
        </div>
        <div class="carousel-item">
            
            <div class="carousel-caption d-none d-md-block" style="font-
weight:500;color:white">
                <h5>Foot Wear</h5>
                <p>Special Offers</p>
            </div>
        </div>
    </div>
    <a class="carousel-control-prev" style="background-
color:" href="#carouselExampleControls" 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="#carouselExampleControls"
role="button" data-slide="next">
        <strong><span class="carousel-control-next-icon" aria-
hidden="true"></span></strong>
        <span class="sr-only">Next</span>
    </a>
</div>
</div>
</div>
<hr>
</div>
<div class="container">
    <div class="row">
        <div class="col-4 col-lg-4">
            <div class="row">
                <div class="my-2 col-md-3 offset-md-4 offset-sm-3 col-sm-4 col-lg-2
col-4 offset-lg-2 offset-2"></div>
                <div class="col-12 my-2 col-10 offset-sm-0 col-sm-12 offset-md-2
offset-lg-0 col-md-7 col-lg-5">
                    <center><h4 class="text-dark my-2" style="font-weight:600;font-
family: cursive;font-size:2vw 2vh">Shipping&nbsp;</h4>
                    </center>
                </div>
            </div>
        </div>
        <div class="col-4">
            <div class="row">

```

```

        <div class="col-lg-2 my-2 col-sm-5 offset-sm-4 col-4 offset-lg-2 col-
md-3 offset-md-5 offset-3"></div>
        <div class="my-2 offset-0 col-12 offset-sm-0 col-sm-12 offset-lg-0
offset-md-3 col-lg-5 col-md-7">
            <center><h4 class="text-dark my-2" style="font-weight:600;font-
family: cursive">Geniune</h4></center>
        </div>
    </div>
</div>
<div class="col-4">
    <div class="row">
        <div class="my-2 offset-md-4 offset-sm-4 col-sm-4 col-4 offset-lg-2
col-lg-2 col-md-3 offset-3"></div>
        <div class="col-lg-6 my-2 offset-sm-0 col-sm-12 offset-md-0 offset-0
col-12 offset-lg-0">
            <center><h4 class="text-dark my-2" style="font-weight:600;font-
family: cursive">Low Price</h4></center>
        </div>
    </div>
</div>
</div>
<div>
<hr>
<h4 class="text-center text-dark " style="font-family:cursive;">Frequently
purchased items&nbsp;</h4>
<hr>
<div class="container">
    <div class="row text-center">
        <div class="my-2 pb-1 pb-md-0 col-lg-3 col-md-3 col-sm-3 col-6">
            <div class="card p-1" style="background:white">
                <p class="text-light mb-0" style="background-color:#5c5c3d;font-
family:cursive">Titan</p>
                
                <a href="{
url_for('product.individual',username=msg,email=email,mobile=mobile,sno=sno,produ
ct_name='NP1773SL01 Analog Watch - For
Men',company_name='Titan',logo='titan.png',product_image='photo5.jpg',price='1555
',date=date,location='chennai',rating="4",f1="90%",f2="70%",f3="60%",f4="50%",f5=
"30%")}" class="btn btn-sm" style="background-
color:#2e2e1f;color:white">Shop</a>
            </div>
        </div>
    </div>
    <div class="my-2 pb-1 pb-md-0 col-lg-3 col-md-3 col-sm-3 col-6">

```

```

        <div class="card p-1" style="background:white">
            <p class="text-light mb-0" style="background-color:#5c5c3d;font-
family:cursive">Men Dress</p>
            
            <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white">Shop</a>
        </div>
    </div>
    <div class="my-2 pb-1 pb-md-0 col-lg-3 col-md-3 col-sm-3 col-6">
        <div class="card p-1" style="background:white">
            <p class="text-light text-center mb-0" style="background-
color:#5c5c3d;font-family:cursive">Foot Wear</p>
            
            <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white">Shop</a>
        </div>
    </div>
    <div class="my-2 pb-1 pb-md-0 col-lg-3 col-md-3 col-sm-3 col-6">
        <div class="card p-1" style="background:white">
            <p class="text-light text-center mb-0" style="background-
color:#5c5c3d;font-family:cursive">Women Dress</p>
            
            <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white">Shop</a>
        </div>
    </div>
    <div class="my-2 pb-1 pb-md-0 col-lg-3 col-md-3 col-sm-3 col-6">
        <div class="card p-1" style="background:white">
            <p class="text-light text-center mb-0" style="background-
color:#5c5c3d;font-family:cursive">Accessories</p>
            
            <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white">Shop</a>
        </div>
    </div>
    <div class="my-2 pb-1 pb-md-0 col-lg-3 col-md-3 col-sm-3 col-6">
        <div class="card p-1" style="background:white">
            <p class="text-light text-center mb-0" style="background-
color:#5c5c3d;font-family:cursive">Shoes</p>
            
            <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white">Shop</a>
        </div>
    </div>

```

```

    </div>
    <div class="my-2 pb-1 pb-md-0 col-lg-3 col-md-3 col-sm-3 col-6">
        <div class="card p-1" style="background:white">
            <p class="text-light text-center mb-0" style="background-
color:#5c5c3d;font-family:cursive">Saree</p>
            
            <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white">Shop</a>
        </div>
    </div>
    <div class="my-2 pb-1 pb-md-0 col-lg-3 col-md-3 col-sm-3 col-6">
        <div class="card p-1" style="background:white">
            <p class="text-light text-center mb-0" style="background-
color:#5c5c3d;font-family:cursive">Watches</p>
            

            <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white">Shop</a>
        </div>
    </div>
</div>
<hr>
<section class="pt-5 pb-5">
    <div class="container" style="background-color:white">
        <div class="row bg-white">
            <div class="col-6">
                <div class="row">
                    <h3 style="font-family: cursive" class="text-dark mt-2">Fashionable
Clothes</h3>

                    <h6 class="text-danger"><a href="{
url_for('product.clothes',username=msg,email=email,mobile=mobile,sno=sno)}"
class="mt-0 text-danger" style="text-decoration: none">( Show More )</a>
                </h6>
                <h1></h1>
            </div>
        </div>
        <div class="col-6 text-right">
            <a class="btn btn-warning mb-3 mr-1" style="background-
color:#2e2e1f;color:white" href="#carouselExampleIndicators2" role="button" data-
slide="prev">
                <i class="fa fa-arrow-left"></i>
            </a>
            <a class="btn btn-warning mb-3" style="background-
color:#2e2e1f;color:white" href="#carouselExampleIndicators2" role="button" data-
slide="next">

```

```

        <i class="fa fa-arrow-right"></i>
    </a>
</div>
<div class="col-lg-12">
    <div id="carouselExampleIndicators2" class="carousel slide" data-
ride="carousel">
        <div class="carousel-inner">
            <div class="carousel-item active">
                <div class="row">
                    <div class="col-md-4 mb-3">
                        <div class="card">
                            
                            <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
                                Shop
                            </div></a>
                        </div>
                    </div>
                    <div class="col-md-4 mb-3">
                        <div class="card">
                            
                            <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
                                Shop
                            </div></a>
                        </div>
                    </div>
                </div>
            </div>
            <div class="col-md-4 mb-3">
                <div class="card">
                    
                    <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
                        Shop
                    </div></a>
                </div>
            </div>
        </div>
    </div>
    <div class="carousel-item">
        <div class="row">

```



```

        <div class="col-md-4 mb-3">
            <div class="card">
                
                <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
                    Shop
                </div></a>
            </div>
        </div>
        <div class="col-md-4 mb-3">
            <div class="card">
                
                <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
                    Shop
                </div></a>
            </div>
        </div>
        <div class="col-md-4 mb-3">
            <div class="card">
                
                <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
                    Shop
                </div></a>
            </div>
        </div>
    </div>
</div>
<div class="carousel-item">
    <div class="row">

        <div class="col-md-4 mb-3">
            <div class="card">
                

```

```

        <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
            Shop
        </div></a>
    </div>
</div>
<div class="col-md-4 mb-3">
    <div class="card">
        
        <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
            Shop
        </div></a>
    </div>
</div>
<div class="col-md-4 mb-3">
    <div class="card">
        
        <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
            Shop
        </div></a>
    </div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="container bg-light">
    <div class="row bg-black">
        <div class="col-6">
            <div class="row">
                <h3 style="font-family: cursive" class="text-dark mt-2">Foot
Wears</h3>
                <h6 class="text-danger"><a href="" class="mt-0 text-danger"
style="text-decoration: none">( Show More )</a>
            </h6>
        </div>
    </div>

```

```

        </div>
    </div>
    <div class="col-6 text-right">
        <a class="btn mb-3 mr-1" style="background-color:#2e2e1f;color:white"
href="#carouselExampleIndicators3" role="button" data-slide="prev">
            <i class="fa fa-arrow-left"></i>
        </a>
        <a class="btn btn-warning mb-3" style="background-
color:#2e2e1f;color:white" href="#carouselExampleIndicators3" role="button" data-
slide="next">
            <i class="fa fa-arrow-right"></i>
        </a>
    </div>
    <div class="col-lg-12">
        <div id="carouselExampleIndicators3" class="carousel slide" data-
ride="carousel">

            <div class="carousel-inner">
                <div class="carousel-item active">
                    <div class="row">
                        <div class="col-md-4 mb-3">
                            <div class="card">
                                
                                <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
                                    Shop
                                </div></a>
                            </div>
                        </div>
                        <div class="col-md-4 mb-3">
                            <div class="card">
                                
                                <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
                                    Shop
                                </div></a>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
    <div class="col-md-4 mb-3">
        <div class="card">
            
            <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
                Shop
            </div></a>
        </div>
    </div>
    <div class="col-md-4 mb-3">
        <div class="card">

```

```

        
        <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
            Shop
        </div></a>

    </div>
</div>
</div>
</div>
<div class="carousel-item">
    <div class="row">

        <div class="col-md-4 mb-3">
            <div class="card">
                
                <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
                    Shop
                </div></a>

            </div>
        </div>
        <div class="col-md-4 mb-3">
            <div class="card">
                
                <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
                    Shop
                </div></a>

            </div>
        </div>
        <div class="col-md-4 mb-3">
            <div class="card">
                

```

```
        <a href="" class="btn btn-sm" style="background-color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:#2e2e1f;">
```

```
        Shop
    </div></a>
```

```
    </div>
</div>
</div>
</div>
<div class="carousel-item">
    <div class="row">
```

```
        <div class="col-md-4 mb-3">
            <div class="card">
                
                <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
```

```
                Shop
            </div></a>
```

```
        </div>
    </div>
    <div class="col-md-4 mb-3">
        <div class="card">
            
            <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
```

```
                Shop
            </div></a>
```

```
        </div>
    </div>
    <div class="col-md-4 mb-3">
        <div class="card">
            
            <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
```

```
                Shop
            </div></a>
```

```

        </div>
    </div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<div class="container bg-light">
    <div class="row bg-black">
        <div class="col-6">
            <div class="row">
                <h3 style="font-family: cursive" class="text-dark mt-2">Watches &
Accessories</h3>
                <h6 class="text-danger"><a href="{
url_for('product.watch',username=msg,email=email,mobile=mobile,sno=sno)}"
class="mt-0 text-danger" style="text-decoration: none">( Show More )</a>
                </h6>
                <h1></h1>
            </div>
        </div>
        <div class="col-6 text-right">
            <a class="btn btn-warning mb-3 mr-1" style="background-
color:#2e2e1f;color:white" href="#carouselExampleIndicators4" role="button" data-
slide="prev">
                <i class="fa fa-arrow-left"></i>
            </a>
            <a class="btn btn-warning mb-3" style="background-
color:#2e2e1f;color:white" href="#carouselExampleIndicators4" role="button" data-
slide="next">
                <i class="fa fa-arrow-right"></i>
            </a>
        </div>
    <div class="col-lg-12">
        <div id="carouselExampleIndicators4" class="carousel slide" data-
ride="carousel">

            <div class="carousel-inner">
                <div class="carousel-item active">
                    <div class="row">
                        <div class="col-md-4 mb-3">
                            <div class="card">
                                

```

```
        <a href="" class="btn btn-sm" style="background-  
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:  
#2e2e1f;">
```

```
        Shop  
        </div></a>
```

```
    </div>  
</div>
```

```
<div class="col-md-4 mb-3">
```

```
    <div class="card">
```

```
        
```

```
        <a href="" class="btn btn-sm" style="background-  
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:  
#2e2e1f;">
```

```
        Shop  
        </div></a>
```

```
    </div>  
</div>
```

```
<div class="col-md-4 mb-3">
```

```
    <div class="card">
```

```
        
```

```
        <a href="" class="btn btn-sm" style="background-  
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:  
#2e2e1f;">
```

```
        Shop  
        </div></a>
```

```
    </div>  
</div>  
</div>  
</div>  
<div class="carousel-item">  
    <div class="row">
```

```
        <div class="col-md-4 mb-3">
```

```
            <div class="card">
```

```
                
```

```
                <a href="" class="btn btn-sm" style="background-  
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:  
#2e2e1f;">
```

```
                Shop  
                </div></a>
```

```

        </div>
    </div>
    <div class="col-md-4 mb-3">
        <div class="card">
            
            <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
                Shop
            </div></a>
        </div>
    </div>
    <div class="col-md-4 mb-3">
        <div class="card">
            
            <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
                Shop
            </div></a>
        </div>
    </div>
</div>
<div class="carousel-item">
    <div class="row">

        <div class="col-md-4 mb-3">
            <div class="card">
                
                <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white"><div class="text-light py-2" style="background-color:
#2e2e1f;">
                    Shop
                </div></a>
            </div>
        </div>
        <div class="col-md-4 mb-3">
            <div class="card">
                

```



```

        Clothes</a> </li>
    </ul>
</div>
<div class="col-lg-9" style="font-family: cursive;">
    <h4 class="text-dark">About us:</h4>
    <div>
        <h6 class="text-dark">Ourself, Emart is an indian based E-commerce
site,
        Mainly providing fashionable products including clothes
        for men and women, watches, shoes and other accessories.</h6>
    </div>
    <br />
<div></div>
<div class="row">
    <div class=" text-dark col-lg-7 col-6 col-md-6">
        <h5>For any queries:</h5>
        <a href="mailto:#" class="text-dark">Emart.in@email.com</a>
    </div>

    <div class="col-md-6 col-lg-4 col-5">
        
    </div>
</div>
</div>
</div>
</div>
<hr />
<footer class="text-center col-lg-12" style="background-color: #5c5c3d">
    <div class="container col-lg-12" style="background-color: #5c5c3d">
        <div class="row">
            <div class="col-12">
                <p class="text-light">Copyright © Emart. All rights reserved.</p>
            </div>
        </div>
    </div>
</footer>
<script>
    $(document).ready(function(){
        $('["data-toggle="popover"]').popover();
    });
    window.watsonAssistantChatOptions = {
        integrationID: "68b1a9e1-8fbd-4d75-97bd-f684fa4e287b", // The ID of this
integration.
        region: "au-syd", // The region your integration is hosted in.

```

```

        serviceInstanceID: "a6573edf-6065-47e7-a758-810ed1beb2bf", // 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://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/js/materialize.min.
js"></script>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/popper.js@1.14.3/dist/umd/popper.min.js"></scri
pt>
<script
src="https://cdn.usebootstrap.com/bootstrap/4.4.1/js/bootstrap.bundle.min.js"></s
cript>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/5.0.0-
alpha1/js/bootstrap.min.js"></script>
</body>

</html>

```

Sign in.html

```

{% extends 'base.html' %}
{% block title %}
<title>login to enjoy!</title>
<style type="text/css">
.ms {
    font-size: 4vw 4vh;
    font-family: Cambria, "Hoefler Text", "Liberation Serif", Times, "Times New
Roman", "serif";
    background: linear-gradient(to right, #a2a276, #1e1e15);
    -webkit-background-clip: text;
    background-clip: text;
    -webkit-text-fill-color: transparent;
    animation: fade 1s ease-in infinite;
    pointer-events: none;
}

@keyframes fade {

```

```

75% {
    text-shadow: 1px 1px 0px #e0f2f1;
}
}
</style>
<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.0.3/css/font-
awesome.css" rel="stylesheet">
<link href="https://cdn.usebootstrap.com/bootstrap/4.4.1/css/bootstrap.min.css"
rel="stylesheet">
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.9.1/font/bootstrap-icons.css">
<link href="https://stackpath.bootstrapcdn.com/bootstrap/5.0.0-
alpha1/css/bootstrap.min.css" rel="stylesheet">
<script src='https://kit.fontawesome.com/a076d05399.js'
crossorigin='anonymous'></script>

{% endblock %}

{% block body %}
<body style="background-color: #5c5c3d">

    <div class="header" style="margin-top:5px;display:flex;flex-
direction:column;justify-content: center;flex-wrap:wrap">
        <div class="in" style="display:flex;flex-direction:row;align-items:
center;justify-content:center;gap:1.5%;">
            
            <h3 class="ms my-0"><strong>E<em>mart</em></strong></h3>
        </div>

    </div>
<div class="container" id="container" style="margin-top:30px; padding: 5px; ">
    <div class="row container">
        <div class="container col-md-9" style="background-color:white; padding-top:
20PX; border-radius: 10px; padding-right: 20px; padding-left: 20px;">
            {% with messages = get_flashed_messages(with_categories=true) %}
                {% if messages %}
                    {% for category,message in messages %}
                        {% if category == 'error' %}
                            <div class="alert alert-dismissible fade show" style="background-
color:#2e2e1f;color:white" role="alert">
                                <center><strong>{{message}}</strong></center>
                                <button type="button" class="btn-close" style="background-color:
#5c5c3d" data-bs-dismiss="alert" aria-label="Close"></button>
                            </div>
                        {% endif %}
                    {% endfor %}
                {% endif %}
            {% endwith %}

```

```

<div>
    <h4 class="page-item my-2 " style="color:#2e2e1f">Sign in</h4>

    </div>
<form method="POST">
    <div class="form-group">
        <div style="margin-top: 20px;">
            <label for="email" style="font-size:1.0rem; color: #2e2e1f;">
                <strong>Email or Mobile number</strong></label>
            <input type="text" name="email" style="font-size:0.9rem ;font-weight:500" class="form-control form-control-xl a-form-label" minlength="6"
                maxlength="25" required></div>
        </div>
        <div style="margin-top:20px;">
            <label style="font-size:1.0rem;color: #2e2e1f;">
                <strong>Password</strong></label>
            <input type="password" style="font-size:0.9rem;font-weight:500"
                id="password" name="password" class="form-control form-control-xl" minlength="8"
                required>
            <div><i onclick="if(document.getElementById('password').type=='password'){
                document.getElementById('i').className='bi bi-eye-fill'
                document.getElementById('password').type='text'
            }
            else{
                document.getElementById('i').className='bi bi-eye-slash-fill'
                document.getElementById('password').type='password'
            }" id="i" class="img bi bi-eye-slash-fill"></i><h7
                style="color:#2e2e1f" class="p-2 mt-2">Show password</h7></div>
            </div>

            <div style="margin-top:20px;">
                <button class="btn btn-dark form-control form-control-xl" style="font-weight:500;background-color:#2e2e1f;text-transform:capitalize"><strong>Continue</strong></button>
            </div>
            <div class="row">
                <center><hr style="height: 3px;background: #5c5c3d;margin: 20px 0;box-shadow: 0px 0px 4px 2px rgba(204,204,204,1);">
                    <h7 style="font-weight:500;color:#2e2e1f">
                        Forget your password? <a href="{{url_for('auth.forget')}}"
                            style="color: #2e2e1f"> Click here </a></h7></br>
                        <h7 style="font-weight:500;color:#2e2e1f">Create an account?
                            <a href="{{url_for('auth.signup')}}" style="color: #2e2e1f"> Sign up 🚀</a></h7>
                    </center>
                </div>
            </div>
        </form>
    </div >

```

```
</body>
<script>
</script>
{% endblock %}
```

Sign up.html

```
{% extends 'base.html' %}
```

```
{% block title%
```

```
<title>Emart - Registration</title>
```

```
<style type="text/css">
```

```
    #container {
        padding: 20px;
        padding-top: 5px;
        padding-bottom: 5px;
        background-color: white;
        margin-top: 6px;
        margin-bottom: 20px;
        border-radius: 4px;
        border: 0.5px solid #9A9A9A;
        position: relative;
        max-width: 28em;
    }
```

```
    .msi {
        font-size: 5vw 5vh;
        font-weight: 600;
        font-family: cursive;
        background: linear-gradient(to right, white, #b7b795);
        -webkit-background-clip: text;
        background-clip: text;
        -webkit-text-fill-color: transparent;
    }
```

```
    .ms {
        font-size: 4vw 4vh;
        font-family: Cambria, "Hoefler Text", "Liberation Serif", Times, "Times
New Roman", "serif";
        background: linear-gradient(to right, #a2a276, #1e1e15);
        -webkit-background-clip: text;
        background-clip: text;
        -webkit-text-fill-color: transparent;
        animation: fade 1s ease-in infinite;
        pointer-events: none;
    }
```

```
@keyframes fade {
    75% {
```

```

        text-shadow: 1px 1px 0px #e0f2f1;
    }
}
</style>
<link href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.0.3/css/font-awesome.css" rel="stylesheet">
<link href="https://cdn.usebootstrap.com/bootstrap/4.4.1/css/bootstrap.min.css" rel="stylesheet">
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.9.1/font/bootstrap-icons.css">
<link href="https://stackpath.bootstrapcdn.com/bootstrap/5.0.0-alpha1/css/bootstrap.min.css" rel="stylesheet">
{% endblock%}

{% block body%}
<body style="background-color: #5c5c3d">
<div class="container">
    <div class="header" style="display:flex;flex-direction:column;justify-content: center;flex-wrap:wrap">
        <div class="in" style="display:flex;flex-direction:row;align-items:center;justify-content:center;gap:1.5%;">
            
            <h3 class="ms my-0"><strong>E<em>mart</em></strong></h3>
        </div>
        <h6 class="msi my-2 pb-1 text-center" style="color:#a2a276">
            The joy of dressing is an art</h6>
    </div>

    <div class="container col-md-6 border-3" id="container">
        {% with messages = get_flashed_messages(with_categories=true) %}
        {% if messages %}
            {% for category,message in messages %}
            {% if category == 'error' %}
                <div class="alert alert-dismissible fade show" style="background-color:#2e2e1f;color:white" role="alert">
                    <center><strong>{{message}}</strong></center>
                    <button type="button" class="btn-close" style="background-color:#5c5c3d" data-bs-dismiss="alert" aria-label="Close"></button>
                </div>
            {% endif %}
            {% endfor %}
            {% endif%}
            {% endwith %}
            <div class="creator" style="display:flex;flex-direction:row;align-items:center;flex-wrap:wrap">
                <h6 class="page-item mb-3" style="flex:1; font-weight:400;font-size:1.8rem;color:#2e2e1f">Create account</h6>

```

```

        <a class="btn-floating btn-md pulse" style="background-
color:#2e2e1f"><i class="material-icons">edit</i></a>
    </div>
    <form method="POST">
        <div class="mar">
            <div class="form-group">
                <div style="margin-top: 0px;">
                    <label for="name" style="font-
size:1rem;color:#2e2e1f"><strong>Your name</strong></label>
                    <input type="text" name="name" placeholder="First and
last name"
                        id="name" class="form-control form-control-md a-form-
label my-0" style="height:40px;font-size:0.9rem;font-weight:600"
                        minlength="4" maxlength="25">
                </div>
            </div>
            <div style="margin-top: 5px;">
                <div class="form-group">
                    <label for="phone_number" style="font-
size:1rem;color:#2e2e1f"><strong>Moblie
                        number</strong></label>
                    <div style="height:30px;display:flex;flex-direction:
row;align-content: center;padding-top: 0px;"><p
                        style="margin-right:5px;font-weight:10px;margin-
top:6px;color:white;text-align:
center;width:70px;height:30px;padding:5px;background:linear-gradient(to
bottom,#2e2e1f,#2e2e1f)">IN
                            +91</p>
                        <input type="tel" class="form-control form-control-
md" style="font-size:0.9rem;font-weight:600"
                            id="phone_number" name="phone_number"
placeholder=" Mobile number" pattern="[0-9]{10}" maxlength="10"
                            autocomplete="off" required>
                    </div>
                </div>
            </div>
            <div class="form-group">
                <div style="margin-top: 20px;padding-top: 0px;">
                    <label for="email" style="font-
size:1rem;color:#2e2e1f"><strong>Email</strong></label>
                    <input type="email" name="email" style="height:40px;font-
size:0.9rem;font-weight:600;padding-top: 0px;"
                        placeholder="Email address" class="form-control form-
control-md a-form-label my-0" minlength="6"
                        maxlength="25" required>
                </div>
            </div>
            <div style='margin-top:5px'>

```



```

        <label for="password" style="font-size:1rem;color:#2e2e1f"><strong>Password</strong></label>
        <input type="password" style="height:30px;font-size:0.9rem;font-weight:600" name="password"
            id="password" class="form-control form-control-xl"
            minlength="8" required>
        <div><i
onclick="if(document.getElementById('password').type=='password'){
    document.getElementById('i').className='bi bi-eye-fill'
    document.getElementById('password').type='text'
}
else{
    document.getElementById('i').className='bi bi-eye-slash-fill'

    document.getElementById('password').type='password'
}" id="i" style="color:#5c5c3d;" class="img bi bi-eye-slash-fill"></i><h7 style="color:#5c5c3d" class="p-2 mt-2">Show password<h7></div>
    </div>
    <div style="margin-top: 5px;">
        <label for="password" style="color:#5c5c3d;font-size:1rem;color:#2e2e1f"><strong>Re-enter password</strong></label>
        <input type="password" style="height:30px;font-size:0.9rem;font-weight:600" name="cpassword"
            id="password" class="form-control form-control-xl"
            minlength="8" required>
        <p style="font-size:0.8rem;color:#5c5c3d" class="my-0">By enrolling your mobile phone number, you consent to receive automate security notifications via text message from Emart. Message and data rates may apply.</p>
    </div>
    <div style="margin-top: 10px;">
        <button style="text-transform: unset !important;font-weight:600;background-color:#2e2e1f"
            class="btn text-light form-control form-control-xl">Continue</button>
    </div>
</div>
</form>
<div class="row">
    <center><hr style="height: 5px;background: #2e2e1f;margin: 5px 0;box-shadow: 0px 0px 4px 2px rgba(204,204,204,1);">
    <h7 style="font-weight:600;font-size: 3vw 3vh" class="my-0">
        Already have an account? <a href="{{url_for('auth.signin')}}" style="color:#2e2e1f"> Sign in ✦</a> </h7>
    </center>
</div>
</div>
</div>
</body>

```

```
{%endblock%}
```

Details.html

```
{% extends 'base.html' %}
```

```
{% block title %}
```

```
<title>Your Details</title>
```

```
{% endblock %}
```

```
{% block body %}
```

```
<body style="background:#2e2e1f" >
```

```
<div class="header col-lg-12 col-xl-12" style="background:#5c5c3d">
```

```
<div class="row">
```

```
<div class="text-start m-0 text-light col-xl-12">
```

```
<h5 class="my-2" style="text-align:center;font-family:cursive;">User  
details</h5>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="container my-5">
```

```
{% with messages = get_flashed_messages(with_categories=true) %}
```

```
{% if messages %}
```

```
{% for category,message in messages %}
```

```
{% if category == 'error' %}
```

```
<div class="alert alert-danger alert-dismissible fade show"
```

```
style="border:2px solid #2e2e1f;background-color:white" role="alert">
```

```
<center><strong style="color:#2e2e1f">{{message}}</strong><center>
```

```
<button type="button" style="background-color:white" class="btn-
```

```
close" data-bs-dismiss="alert" aria-label="Close"></button>
```

```
</div>
```

```
{% endif %}
```

```
{% endfor %}
```

```
{% endif %}
```

```
{% endwith %}
```

```
<form method="post">
```

```
<div class="row p-3 mr-3 bg-light">
```

```
<div class="text-center col-lg-6 ml-2 bg-secondary" style="border-  
radius:3px;border:2px solid grey;max-height:3em">
```

```
<h7 class="text-center text-light mt-1" style="font-weight:600;">Customer  
ID</h7>
```

```
</div>
```

```
<div class="col-lg-6 text-center">
```

```
<input type="number" value="{{sno}}" name="new"
```

```
style="padding:4px;color:white;background-color:black;max-
```

```

height:2.4em;border:none;border:2px solid black;border-radius: 5px;width:25vw;"
disabled required >
    </div>
    <span class="py-2"></span>
    <div class="text-center col-lg-6 ml-2 bg-secondary" style="border-
radius:3px;border:2px solid grey;max-height:3em">
        <h7 class="text-center text-light" style="font-weight:600;">Full
name</h7>
    </div>
    <div class="col-lg-6 text-center">
        <input type="text" value="{{username}}" name="name"
class="ch" style="padding:4px;color:white;background-color:black;max-
height:2.4em;border:none;border:2px solid black;border-radius: 5px;width:25vw;"
required disabled >
    </div>
    <span class="py-2"></span>
    <div class="text-center col-lg-6 ml-2 bg-secondary" style="border-
radius:3px;border:2px solid grey;max-height:3em">
        <h7 class="text-center text-light" style="font-weight:600;">Email
address</h7>
    </div>
    <div class="col-lg-6 text-center">
        <input type="email" name="email" value="{{email}}" class="ch"
style="padding:4px;color:white;background-color:black;max-
height:2.4em;border:none;border:2px solid black;border-radius: 5px;width:25vw;"
required disabled >
    </div>
    <span class="py-2"></span>
    <div class="text-center col-lg-6 ml-2 bg-secondary" style="border-
radius:3px;border:2px solid grey;max-height:3em">
        <h7 class="text-center text-light" pattern="[0-9]{10}"
autocomplete="off" style="font-weight:600;">Mobile number</h7>
    </div>
    <div class="col-lg-6 text-center">
        <input type="tel" value="{{ mobile }}" class="ch"
name="mobile" style="padding:4px;color:white;background-color:black;max-
height:2.4em;border:none;border:2px solid black;border-radius: 5px;width:25vw;"
required disabled >
    </div>
    <span class="py-2"></span>
    <div class="text-center col-lg-6 ml-2 bg-secondary"
style="border-radius:3px;border:2px solid grey;max-height:3em">
        <h7 class="text-center text-light" style="font-
weight:600;">Delivery address</h7>
    </div>
    <div class="col-lg-6 text-center">
        <input type="text" value="{{ address }}" class="ch"
name="delivery" style="padding:4px;color:white;background-color:black;max-

```

```

height:2.3em;border:none;border:2px solid black;border-radius: 5px;width:25vw;"
required disabled >
    </div>
    <span class="py-2"></span>
    <div class="text-center col-lg-6 ml-2 bg-secondary"
style="border-radius:3px;border:2px solid grey;max-height:3em">
        <h7 class="text-center text-light" style="font-
weight:600;">City</h7>
    </div>
    <div class="col-lg-6 text-center">
        <input type="text" value="{{ city }}" class="ch"
name="city" style="padding:4px;color:white;background-color:black;max-
height:2.3em;border:none;border:2px solid black;border-radius: 5px;width:25vw;"
required disabled >
    </div>
    <span class="py-2"></span>
    <div class="text-center col-lg-6 ml-2 bg-secondary"
style="border-radius:3px;border:2px solid grey;max-height:3em">
        <h7 class="text-center text-light" style="font-
weight:600;">State</h7>
    </div>
    <div class="col-lg-6 text-center">
        <input type="text" value="{{ state }}" class="ch"
name="state" style="padding:4px;color:white;background-color:black;max-
height:2.3em;border:none;border:2px solid black;border-radius: 5px;width:25vw;"
required disabled >
    </div>
    <span class="py-2"></span>
    <div class="text-center col-lg-6 ml-2 bg-secondary"
style="border-radius:3px;border:2px solid grey;max-height:3em">
        <h7 class="text-center text-light" style="font-
weight:600;">Pincode</h7>
    </div>
    <div class="col-lg-6 text-center" >
        <input type="text" value="{{ pincode }}" class="ch"
name="pin" style="padding:4px;max-height:2.4em;border:none;border:2px solid
black;border-radius: 5px;width:25vw;color:white;background-color:black;" required
disabled>
    </div>

    <span class="py-2"></span>
    <div class="col-lg-12 text-center" >
        <p class="btn" style="margin-top:14px;background-
color:#2e2e1f;color:white" onclick="var i =
document.getElementsByClassName('ch');for(var j=0;j<7;j++){
    i[j].disabled = false;i[j].style='background-
color:white'}">Change</p>

```

```

        <input type="submit" value="Save" class="btn text-
light" onclick="var i = document.getElementsByClassName('ch');for(var
j=0;j<7;j++){
            i[j].disabled = false;}"
style="width:100px;color:black;background:#2e2e1f">

</div>
{% if buy == 'True' %}
    <div class="col-lg-12">
        <center><a href="{
url_for('payment.paymentready',username=username,product_name=product_name,produc
t_image=product_image,price=price,email=email,mobile=mobile,sno=sno) }}"
class="btn btn-lg bg-secondary">Continue</a></center>
    </div>
{% endif %}
{% endblock %}
</body>

```

Otp.html

```

{% extends 'base.html' %}

{% block title%}
<title>OTP required</title>
<style type="text/css">
    #container {
        padding: 15px;
        padding-top:5px;
        padding-bottom:0px;
        background-color: white;
        margin-top: 8px;
        margin-bottom: 2px;
        border-radius: 4px;
        border: 0.5px solid #9A9A9A;
        position: relative;
        max-width: 30em;
    }
    .ms {
        font-size: 4vw 4vh;
        font-family: Cambria, "Hoefler Text", "Liberation Serif", Times, "Times
New Roman", "serif";
        background: linear-gradient(to right, #a2a276, #1e1e15);
        -webkit-background-clip: text;
        background-clip: text;
        -webkit-text-fill-color: transparent;
        animation: fade 1s ease-in infinite;
        pointer-events: none;
    }

```

```

@keyframes fade {
  75% {
    text-shadow: 1px 1px 1px #e0f2f1;
  }
}
.nn{
  padding-top:0px;
  padding-bottom:0px;
}
</style>
{% endblock%}

{% block body%}
<body style="background-color: #5c5c3d;">
<div class="container">
  <div class="header mt-4" style="display:flex;flex-direction:column;justify-
content: center;flex-wrap:wrap">
    <div class="in" style="display:flex;flex-direction:row;align-items:
center;justify-content:center;gap:1.5%;">
      
      <h3 class="ms my-0"><strong>E<em>mart</em></strong></h3>
    </div>
  </div>

  <div class="container col-md-6 border-3 nn" style="margin-top:80px"
id="container">
    {% with messages = get_flashed_messages(with_categories=true) %}
    {% if messages %}
      {% for category,message in messages %}
      {% if category == 'error' %}
        <div class="alert alert-danger alert-dismissible fade show"
role="alert">
          <center><strong>{{message}}</strong></center>
          <button type="button" class="btn-close" data-bs-dismiss="alert"
aria-label="Close"></button>
        </div>

      {% else %}
        <div class="alert alert-success alert-dismissible fade show"
role="alert">
          <center><strong>{{message}}</strong></center>
          <button type="button" class="btn-close" data-bs-dismiss="alert" aria-
label="Close"></button>
        </div>
      {% endif %}
    {% endfor %}
    {% endif%}
    {% endwith %}

```

```

        <div class="creator" style="display:flex;flex-direction:row;align-
items:center;flex-wrap:wrap">
            <h5 class="page-item my-2" style="flex:1; color: #2e2e1f; font-
weight: 500;">Verify mobile number</h5><br/>
            <strong><p style="font-weight:500;font-size:1rem" class="mt-2">To
verify your mobile number, we've sent a One Time Password (OTP) to
{{mobileNumber}} <a href="{{url_for('auth.signup')}}" >(Change)</a></p></strong>
        </div>
        <form method="POST">
            <div class="mar">
                <div class="form-group">
                    <div class="my-2">
                        <label for="otp" style="font-size:1.0rem; color:
#2e2e1f;"><strong>Enter OTP</strong></label>
                        <input type="text" name="otp" pattern="[0-9]{6}"
id="otp" class="form-control form-control-xl a-form-
label" style="font-size:1.0rem;font-weight:600"
minlength="6">
                    </div>
                </div>
                <div style="margin-top: 15px;">
                    <button style="text-transform: unset !important;font-
weight:600;color:white;background-color:#2e2e1f"
class="btn form-control form-control-xl">Create your
Esmart account</button>
                </div>
                <center><p style="font-size:0.8rem;font-weight:500;margin-
top:10px;">By creating an account, you agree to Esmart's <a href="">Conditions of
Use</a></p></center>
            </div>
        </form>
        <div class="row">
            <center><hr style="height: 5px;background-color: #2e2e1f;margin: 10px
0;box-shadow: 0px 0px 4px 2px rgba(204,204,204,1);">
                <a
href="{{url_for('auth.otpGenerate',fullname=fullname,mobileNumber=mobileNumber,em
ail=email,generate=generate)}}"><h7 style="margin-bottom:0px; color: #2e2e1f;">
<strong>Resend OTP ✦</strong> </h7></a> </p>
            </center>
        </div>
    </div>
</div>
</body>
{%endblock%}

```

```

<div class="popover" role="tooltip">
    <div class="arrow">

```

```

        <a href="{{url_for('auth.signin')}}" style="color:white;text-decoration:
none;font-family: cursive">
    </div><h3 class="popover-header">

</h3><div class="popover-body">

</div></div>

```

Product.html

```

<!DOCTYPE html>
<html lang="en">
<head>
<title>{{ product_name }}</title>
<link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeu0xjzrPF/et3URy9Bv1WTRi"
crossorigin="anonymous">
<link rel="shortcut icon" href="images/logo.ico">
    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.0.3/css/font-awesome.css" rel="stylesheet">
    <link href="https://cdn.usebootstrap.com/bootstrap/4.4.1/css/bootstrap.min.css"
rel="stylesheet">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.9.1/font/bootstrap-icons.css">
    <link href="https://stackpath.bootstrapcdn.com/bootstrap/5.0.0-
alpha1/css/bootstrap.min.css" rel="stylesheet">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scrip
t>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"
rel="stylesheet">
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js
"></script>
    <style>
        .checked{
            color: orange;
        }

#page {
display: grid;
width: 100%;
height: 100vh;

```



```

    grid-template-areas:
      "head head"
      "nav nav"
      "foot foot";
    grid-template-rows: 50px 1fr 30px;
    grid-template-columns: 0.5fr 1fr;
  }

#page > header {
  grid-area: head;
  background:#5c5c3d;
}

#page > nav {
  grid-area: nav;
  background-color:whitesmoke;
}

#page > main {
  grid-area: main;
  background-color: white;
}

#page > footer {
  grid-area: foot;
  background: #5c5c3d;
}
.col-lg-5 {
}
</style>
</head>
<body>
<section id="page">
<header>
<nav class=""><br>
<div class="py-0 container">
  <div class="row text-center">
    <div class="col-lg-5" style="max-height:50em;border:0.4px solid
grey;border-radius:3px" >
      <div class="row-1" >
        <div class="card p-1" style="background:white">
          

          </div>
        </div>
      </div>
    <div class="row p-5">
      <div class="col-lg-12">

```

```

        <a href="{
url_for('payment.openpay',product_image=product_image,product_name=product_name,p
rice=price,username=username,email=email,mobile=mobile,sno=sno,buy='True') }}"
class="btn btn-secondary btn-lg mx-2" style="font-family: cursive;"> Buy
Now</a></div>

        <p><i class="bi bi-lock-fill"></i> Secure transaction</p>
    </div>
</div>
<div class="col-lg-7" style="background: whitesmoke">
    <div class="container">
        <div class="row">
            <div class="col-lg-6">
                <p style="font-weight:500"> 
{{company_name}}</p></div>
                <div class="col-lg-5 p-2">
                    <i class="bi bi-geo-alt-fill" style="font-weight:500">
{{location}}</i></div>
                </div>
            </div>
            <div class="container mt-4">
                <div class="row">
                    <h2 style="font-weight:400">{{product_name}}</h2>
                    <h4 style="font-weight:bold">₹ {{price}}</h4>
                    <p>Inclusive of all taxes</p>
                </div>
                <div class="row">
                    <div class="col-lg-6">

                        <center><p>Free Delivery</p>
                        <p>Easy Returns</p>
                        <p style="font-weight:500">Delivery on {{date}}</p></center>

                    </div>
                    <div class="col-lg-6">
                        <p style="color:green;font-weight:500">In stock</p>
                        <p>Sold by {{company_name}} <br>and Fulfilled by Emart.</p>
                    </div>
                </div>
                <div class="row">
                    <div class="col-lg-12">
                        <a href="#" class="bg-none text-decoration-
none text-dark" style="margin-left: 10px;"
                        data-bs-toggle="popover"
                        data-bs-placement="right"
                        data-bs-trigger="focus"
                        data-bs-html="true"
                        data-bs-css="true"

```

```

class='col-lg-5'>
    data-bs-content="<div class='row'><div
        <span class='fa fa-star checked'></span>
        <span class='fa fa-star checked'></span>
        <span class='fa fa-star checked'></span>
        <span class='fa fa-star checked'></span>
        <span class='fa fa-star'></span></div><div
class='col-lg-7'><h5>{{ rate }} of out 5.0</h5></div></div>
        <div class='row mb-2' ><div class='col-lg-
12'>1,501 of Global rating</div></div><hr>
        <div class='row'>
            <div class='col-lg-3'>
                5 star
            </div >
            <div class='progress col-lg-6 mt-1 bg-
success'>
                <div class='progress-bar progress-bar-
success' role='progressbar'aria-valuenow='80' aria-valuemin='0' aria-
valuemax='100' style='width:10%;'></div>
            </div>
            <div class='col-lg-3'>
                <div>{{f1}}</div>
            </div>
        </div>
        <div class='row'>
            <div class='col-lg-3'>
                4 star
            </div >
            <div class='progress col-lg-6 mt-1 bg-
secondary'>
                <div class='progress-bar progress-bar-
success' role='progressbar'aria-valuenow='80' aria-valuemin='0' aria-
valuemax='100' style='width:120%;'></div>
            </div>
            <div class='col-lg-3'>
                <div>{{f2}}</div>
            </div>
        </div>
        <div class='row'>
            <div class='col-lg-3'>
                3 star
            </div >
            <div class='progress col-lg-6 mt-1 bg-
primary'>
                <div class='progress-bar progress-bar-
success' role='progressbar'aria-valuenow='80' aria-valuemin='0' aria-
valuemax='100' style='width:120%;'></div>
            </div>
            <div class='col-lg-3'>

```

```
<div>{{f3}}</div>  
</div>  
</div>  
<div class='row'>  
  <div class='col-lg-3'>  
    2 star  
  </div>  
  <div class='progress col-lg-6 mt-1 bg-warning'>  
  
    <div class='progress-bar progress-bar-success' role='progressbar' aria-valuenow='80' aria-valuemin='0' aria-valuemax='100' style='width:120%;'></div>  
  </div>  
  <div class='col-lg-3'>  
    <div>{{f4}}</div>  
  </div>  
</div>  
<div class='row'>  
  <div class='col-lg-3'>  
  
    1 star  
  </div>  
  <div class='progress col-lg-6 mt-1 bg-danger'>  
  
    <div class='progress-bar progress-bar-success' role='progressbar' aria-valuenow='80' aria-valuemin='0' aria-valuemax='100' style='width:120%;'></div>  
  </div>  
  <div class='col-lg-3'>  
    <div>{{f5}}</div>  
  </div>  
</div>  
  
</div>  
  
</div>  
<br>  
<span class="fa fa-star checked"></span>  
<span class="fa fa-star checked"></span>  
<span class="fa fa-star checked"></span>  
<span class="fa fa-star checked"></span>  
<span class="fa fa-star "></span></a>  
</div>  
  
</div>  
</div>  
</div>  
</div>  
</div>  
</div>  
</nav>  
  
<footer class="mt-1" style="background:#5c5c3d"><p class="text-center text-light">Copyright © Emart. All rights reserved.</p></footer>
```

```

</section>
    <script>
        var popoverTriggerList = [].slice.call(document.querySelectorAll('[data-bs-
toggle="popover"]'))
        var popoverList = popoverTriggerList.map(function (popoverTriggerEl) {
            return new bootstrap.Popover(popoverTriggerEl)
        })
    </script>
</body>
</html>

```

Payment.html

```

{% extends 'base.html' %}

{% block title %}
<title>Payment</title>
<style>

</style>
{% endblock %}

{% block body %}
<body>
<div class="header col-lg-12 col-xl-12" style="background:#5c5c3d">
    <div class="row">
        <div class="text-start m-0 text-light col-xl-12">
            <h5 class="my-2" style="text-align:center;font-
family:cursive;">Payment</h5>
        </div>
    </div>
    <div class="container my-5">
        <div class="row">
<div class="col-lg-12">
            <center><caption><strong>Verify the Below details</strong></caption></center>
            <table>

                <tr>
                    <th>Mobile number</th>
                    <th>Product name</th>
                    <th>Price</th>
                </tr>
                <tr>
                    <td>{{ mobile }}</td>
                    <td>{{ product_name }}</td>

```

```

        <td>{{ price }}</td>
    </tr>
</table>
</div>
</div>
<div class="row">
    <div class="col-lg-12">
        <center> <button id="rzp-button1" class="btn btn-lg text-light bg-
secondary">Pay</button> </center>
    </div>
</div>
<hr>
<div class="container">
    <div class="row text-center">
        <div class="my-2 pb-1 pb-md-0 col-lg-3 col-md-3 col-sm-3 col-
6">
            <div class="card p-1" style="background:white">
                <p class="text-light mb-0" style="background-
color:#5c5c3d;font-family:cursive">Titan</p>
                
                <a href="{{
url_for('product.individual',username=msg,email=email,mobile=mobile,sno=sno,produ
ct_name='NP1773SL01 Analog Watch - For
Men',company_name='Titan',logo='titan.png',product_image='photo5.jpg',price='1555
',date=date,location='chennai',rating='4',f1='90%',f2='70%',f3='60%',f4='50%',f5=
'30%')}}" class="btn btn-sm" style="background-
color:#2e2e1f;color:white">Shop</a>
            </div>
</div>
        <div class="my-2 pb-1 pb-md-0 col-lg-3 col-md-3 col-sm-3 col-
6">
            <div class="card p-1" style="background:white">
                <p class="text-light mb-0" style="background-
color:#5c5c3d;font-family:cursive">Men Dress</p>
                
                <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white">Shop</a>
            </div>
</div>
        <div class="my-2 pb-1 pb-md-0 col-lg-3 col-md-3 col-sm-3 col-
6">
            <div class="card p-1" style="background:white">
                <p class="text-light text-center mb-0" style="background-
color:#5c5c3d;font-family:cursive">Foot Wear</p>
                
    <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white">Shop</a>
    </div>
</div>
<div class="my-2 pb-1 pb-md-0 col-lg-3 col-md-3 col-sm-3 col-
6">
    <div class="card p-1" style="background:white">
        <p class="text-light text-center mb-0" style="background-
color:#5c5c3d;font-family:cursive">Women Dress</p>
        
        <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white">Shop</a>
    </div>
</div>
<div class="my-2 pb-1 pb-md-0 col-lg-3 col-md-3 col-sm-3 col-
6">
    <div class="card p-1" style="background:white">
        <p class="text-light text-center mb-0" style="background-
color:#5c5c3d;font-family:cursive">Accessories</p>
        
        <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white">Shop</a>
    </div>
</div>
<div class="my-2 pb-1 pb-md-0 col-lg-3 col-md-3 col-sm-3 col-
6">
    <div class="card p-1" style="background:white">
        <p class="text-light text-center mb-0" style="background-
color:#5c5c3d;font-family:cursive">Shoes</p>
        
        <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white">Shop</a>
    </div>
</div>
<div class="my-2 pb-1 pb-md-0 col-lg-3 col-md-3 col-sm-3 col-
6">
    <div class="card p-1" style="background:white">
        <p class="text-light text-center mb-0" style="background-
color:#5c5c3d;font-family:cursive">Saree</p>
        
        <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white">Shop</a>
    </div>

```

```

        </div>
        <div class="my-2 pb-1 pb-md-0 col-lg-3 col-md-3 col-sm-3 col-
6">
            <div class="card p-1" style="background:white">
                <p class="text-light text-center mb-0" style="background-
color:#5c5c3d;font-family:cursive">Watches</p>
                

                <a href="" class="btn btn-sm" style="background-
color:#2e2e1f;color:white">Shop</a>
            </div>
        </div>
    </div>
    <hr>
</div>
<footer class="text-center col-lg-12" style="background:#5c5c3d">
    <div class="container col-lg-12" style="background:#5c5c3d">
        <div class="row">
            <div class="col-12">
                <p class="text-light">Copyright © Emart. All rights
reserved.</p>
            </div>
        </div>
    </div>
</footer>

<script
src="https://checkout.razorpay.com/v1/checkout.js"></script>
<script>
var options = {
    "key": "<key>", // Enter the Key ID generated from the
Dashboard
    "amount": "{{ price }}", // Amount is in currency subunits.
Default currency is INR. Hence, 50000 refers to 50000 paise
    "currency": "INR",
    "name": "{{ product_name }}",
    "description": "Emart",
    "image": "{{ url_for('static',
filename='/images/favicon.ico') }}" ,
    "order_id": "{{ payment_details['id'] }}" , //This is a
sample Order ID. Pass the `id` obtained in the response of Step 1
    "callback_url": ""
    "handler": function (response){
        alert(response.razorpay_payment_id);
        alert(response.razorpay_order_id);
        alert(response.razorpay_signature)
    }
}

```



```

    },
    "prefill": {
        "name": "{{ username }}",
        "email": "{{ email }}",
        "contact": "{{ mobile }}"
    },
    "notes": {
        "address": "Emart Co-operation"
    },
    "theme": {
        "color": "#5c5c3d"
    }
};
var rzp1 = new Razorpay(options);
rzp1.on('payment.failed', function (response){
    alert(response.error.code);
    alert(response.error.description);
    alert(response.error.source);
    alert(response.error.step);
    alert(response.error.reason);
    alert(response.error.metadata.order_id);
    alert(response.error.metadata.payment_id);
});
document.getElementById('rzp-button1').onclick = function(e){
    rzp1.open();
    e.preventDefault();
}
</script>
</body>
{% endblock %}

```

dbservice.py

```

import ibm_db
from src.constants import Dbconstants
dsn = Dbconstants.dsn
conn = ibm_db.connect(dsn, "", "")

```

dbconstant.py

```

dsn_hostname = "<HOSTNAME>"
dsn_uid = "<UID>"
dsn_pwd = "<PASSWORD>"
dsn_driver = "{IBM DB2 ODBC DRIVER}"
dsn_database = "BLUDB"
dsn_port = "32286"

```

```

dsn_protocol = "TCPIP"
dsn_security = "SSL"
dsn_SSLServerCertificate="DigiCertGlobalRootCA.crt"

dsn = (
    "DRIVER={0};"
    "DATABASE={1};"
    "HOSTNAME={2};"
    "PORT={3};"
    "PROTOCOL={4};"
    "SSLSERVERCERTIFICATE={5};"
    "USERNAME={6};"
    "PASSWORD={7};"
    "SECURITY={8};").format(dsn_driver, dsn_database, dsn_hostname, dsn_port,
dsn_protocol, dsn_SSLServerCertificate, dsn_uid, dsn_pwd,dsn_security)

```

Emailconstants.py

```
emailChecker = r'\b[A-Za-z0-9._%+-]+@[A-Za-z0-9.-]+\.[A-Z|a-z]{2,}\b'
```

Otpservices.py

```

import requests

def verifyOTP(mobileNumber,api_key="<API_KEY>",template_name="7773888"):
    url =
f"https://2factor.in/API/V1/{api_key}/SMS/{mobileNumber}/AUTOGEN2/{template_name}"
    response = requests.request("GET", url)
    get_otp = dict(response.json())
    return get_otp['OTP']

```

Razorpayservices.py

```

import razorpay

def pay():
    client = razorpay.Client(auth=("<key>", "<secret_key>"))
    return client

```

Product search page for cloth

```

<!DOCTYPE html>
<html>
    <head>
        <title></title>
        <link href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.0.3/css/font-awesome.css" rel="stylesheet">

```

```

    <link href="https://cdn.usebootstrap.com/bootstrap/4.4.1/css/bootstrap.min.css"
rel="stylesheet">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.9.1/font/bootstrap-icons.css">
    <link href="https://stackpath.bootstrapcdn.com/bootstrap/5.0.0-
alpha1/css/bootstrap.min.css" rel="stylesheet">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scrip
t>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"
rel="stylesheet">
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js
"></script>
    <style>
        .checked{
            color: orange;
        }
        .popover{
            width: 450px;
        }
    </style>
</head>
    <body style="background-color:whitesmoke">
        <nav class="navbar navbar-expand-lg navbar-dark" style="background-color:
#5c5c3d">
            <div class="container">
                <center><a class="navbar-brand" href="#">
                    <div class="in"
                        style="display:flex;flex-direction:row;align-items:
center;justify-content:flex-start;gap:1.5%;">
                        
                        <h2 class="ms my-1 ml-1"><strong>E</strong><em>mart</em></h2>
                        
                    </div>
                </a></center>
                <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 my-1" id="navbarSupportedContent">
  <ul class="navbar-nav col-lg-6 offset-lg-0" style="order:2">
    <li class="nav-item ml-2">
      <center></center>
    </li>
    <div class="text-light mx-4 my-1" style="font-size:13px;font-
family: cursive;">
      <center>
        <p class="my-1 text-light">Deliver to</p>
        <p><i class="bi bi-geo-alt-fill"></i>&nbsp; India</p>
      </center>
    </div>
    <li class="my-1">
      {% if not msg: %}
      <a tabindex="10"
      role="button"
      data-html="true"
      data-toggle="popover"
      data-trigger="click"
      data-placement="bottom"
      data-content="<div class='text-center'><a
href='{{url_for('auth.signin')}}' class='mb-1 btn btn-md btn-warning top-0
start-100' style='padding-left:10px;' >Sign in</a></div>
      </br>
      <p>New customer?<a href='{{url_for('auth.signup')}}' class='text-
decoration-none'>Start here</a>
      </p>"> <center><h7 style="color:white;font-weight:450"><i
style="color:white;font-size:1.2rem" class="bi bi-person-circle"></i><br />Hello,
Login</h7></center></a>
      {% else %}
      <center>
        <a tabindex="8"
        role="button"
        data-html="true"
        data-toggle="popover"
        data-trigger="click"
        data-placement="bottom"
        data-content="<div class='text-center'><h6>{{ msg
}}</h6></div><div class='container px-0 py-0'>
          <a href='{
url_for("details.open",username=msg,email=email,mobile=mobile,sno=sno)}'
class='btn p-2 btn-warning btn-sm px-1 py-1 text-decoration-none'>Account
Details</a></br></div>
          <a href='{ url_for("home.returns",mobile=mobile)}' class='btn
p-2 btn-warning btn-sm px-1 py-1 text-decoration-none'>Orders &
Return</a></br></div>

```

```

        <a href='{ url_for("auth.logout") }' class='btn p-2 btn-
warning btn-sm px-4 py-1 text-decoration-none'>&nbsp; Log out
&nbsp;</a></br></div>
        "> <center><h7 style="color:white;font-weight:450"><i
style="color:white;font-size:1.2rem" class="bi bi-person-circle"></i><br />{{ msg
}}</h7></center></a>
        </center>
    </li>
    <li class="mx-4">
        <a href='{ url_for("cart.box",mobile=mobile) }'
style="color:white;text-decoration: none;font-family: cursive">
        <center>
            <h5><i style="color:white;font-size:1.4rem" class="bi bi-
cart3"></i></h5>
            <p>Cart</p>
        </center>
        </a>
    </li>
    {% endif %}

</ul>
<form class="form-inline col-lg-6 offset-lg-1">
    <input class="form-control col-lg" style="background-
color:#DFDCE3;border-radius:10px 0px 0px 10px" type="search" placeholder="Search"
aria-label="Search">
    <button class="btn btn-light my-2 my-sm-0 mx-0" style="background-
color:#2e2e1f;border-radius:0px 10px 10px 0px" type="submit"><i
class="text-light bi bi-search"></i></button>
</form>
</div>
</div>
</nav>
<div class="container-fluid">
<div class="row">
    <div class="col-xl-2 col-lg-3 col-md-3 col-sm-3 bg-whitesmoke">
        <div class="container mt-2">
            <div>
                <h4>Category</h4>
                <ul style="display:block;">
                    <li><a href="" class="text-decoration-none
text-dark">Men's T-Shirts & Polos</a></li>
                    <li><a href="" class="text-decoration-none text-
dark">Men's T-Shirts</a></li>
                    <li><a href="" class="text-decoration-none text-
dark">Men's Polos</a></li>
                    <li><a href="" class="text-decoration-none text-
dark">Women's Tops, T-Shirts & Shirts</a></li>
                    <li><a href="" class="text-decoration-none text-
dark">Women's T-Shirts</a></li>

```

```

<li><a href="" class="text-decoration-none text-
dark">Boys' T-Shirts & Polos</a></li>
<li><a href="" class="text-decoration-none text-
dark">Boys' T-Shirts</a></li>
<li><a href="" class="text-decoration-none text-
dark">Clothing & Accessories</a></li>
</ul>
</div><br>
<div>
<h4>price</h4>
<ul>
<li><a href="" class="text-decoration-none
text-dark">Under ₹300</a></li>
<li><a href="" class="text-decoration-none
text-dark">₹300-₹500</a></li>
<li><a href="" class="text-decoration-none
text-dark">₹500-₹1, 000</a></li>
<li><a href="" class="text-decoration-none
text-dark">₹1,000-₹1,500</a></li>
<li><a href="" class="text-decoration-none
text-dark">Over ₹1,500</a></li>
</ul>
</div>
<div class="mb-1">
<h4>Men's size</h4>
<a href=""><button class="btn btn-outline-success
btn-light py-1 mb-1">2XS</button></a>
<a href=""><button class="btn btn-outline-success
btn-light py-1 mb-1">XS</button></a>
<a href=""><button class="btn btn-outline-success
btn-light py-1 mb-1">S</button></a>
<a href=""><button class="btn btn-outline-success
btn-light py-1 mb-1">M</button></a>
<a href=""><button class="btn btn-outline-success
btn-light py-1 mb-1">L</button></a>
<a href=""><button class="btn btn-outline-success
btn-light py-1 mb-1">XL</button></a>
<a href=""><button class="btn btn-outline-success
btn-light py-1 mb-1">2XL</button></a>
<a href=""><button class="btn btn-outline-success
btn-light py-1 mb-1">3XL</button></a>
<a href=""><button class="btn btn-outline-success
btn-light py-1 mb-1">4XL</button></a>
<a href=""><button class="btn btn-outline-success
btn-light py-1 mb-1">5XL</button></a>
<a href=""><button class="btn btn-outline-success
btn-light py-1 mb-1">6XL</button></a>
<a href=""><button class="btn btn-outline-success
btn-light py-1 mb-1">7XL</button></a>

```

```

        <a href=""><button class="btn btn-outline-success
btn-light py-1 mb-1 " >FREE</button></a>
    </div>
    <div class="py-2">
        <h4>colour</h4>
        <a href=""><button class="btn btn-success btn-md mb-
1" ></button></a>
        <a href=""><button class="btn btn-dark btn-md mb-1 "
></button></a>
        <a href=""><button class="btn btn-primary btn-md mb-
1" ></button></a>
        <a href=""><button class="btn btn-light btn-outline-
success btn-md mb-1" ></button></a>
        <a href=""><button class="btn btn-danger btn-md mb-
1"></button></a>
        <a href=""><button class="btn btn-info btn-md mb-1"
></button></a>
        <a href=""><button class="btn btn-secondary btn-md
mb-1" ></button></a>
        <a href=""><button class="btn btn-warning btn-md mb-
1" ></button></a>
        <a href=""><button class="btn btn-md mb-1"
style="background-color:orange;"></button></a>
        <a href=""><button class="btn btn-md mb-1"
style="background-color: rgb(95, 4, 4);"></button></a>
        <a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(26, 38, 211);"></button></a>
        <a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(102, 127, 57);"></button></a>
        <a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(231, 30, 238);"></button></a>
        <a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(202, 246, 100);"></button></a>
        <a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(164, 163, 160);"></button></a>
        <a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(97, 60, 116);"></button></a>
        <a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(245, 177, 177);"></button></a>
        <a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(31, 31, 79);"></button></a>
        <a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(18, 96, 33);"></button></a>
        <a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(83, 41, 71);"></button></a>
        <a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(82, 77, 68);"></button></a>
        <a href=""><button class="btn btn-md mb-1"
style="background-color:rgba(25, 17, 129, 0.119);"></button></a>

```

```

        <a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(50, 232, 223);"></button></a>

    </div>
    <div>
        <h4>Discount</h4>

        <div class="form-check">
            <label class="form-check-label">
                <input type="radio" class="form-check-input"
name="" id="" value="checkedValue" checked>
                10% Off or more
            </label>
        </div>
        <div class="form-check">
            <a>
                <label class="form-check-label">
                    <input type="radio" class="form-check-input"
name="" id="" value="checkedValue" checked>
                    20% Off or more
                </label></a>
            </div>
            <div class="form-check">
                <label class="form-check-label">
                    <input type="radio" class="form-check-input"
name="" id="" value="checkedValue" checked>
                    30% Off or more
                </label>
            </div>
        </div>
    </div>
    <div class="col-xl-10 col-lg-9 col-md-9 col-sm-9 bg-whitesmoke">
        <div class="mt-3 px-2">
            <h4>RESULTS</h4>
            <p>Price and other details may vary based on product size and
color.</p>
        </div>
        <div class="container">
            <div class="row ">
                <div class="col-xl-3 col-lg-4 col-md-4 col-6 col-sm-6 mb-3">
                    <div class="card">
                        
                        <div class="card-body">
                            <h6 class="card-title text-center">Gildan Men's
Ultra Cotton T-Shirt, Style G2000, Multipack</h6>
                            <a class="text-decoration-none text-dark"
href="">

```



```

                <p class="card-text text-center"
style="font-weight:500">₹399<span style="margin-left:5px;font-weight:400;text-
decoration:line-through ; color:gray;" class="text-center">₹999</span></p>
                </a>
                <p class="text-center">60% Offer</p>
            </div>
        </div>
    </div>
    <div class="col-xl-3 col-lg-4 col-md-4 col-6 offset-sm-0 col-sm-6">
    <div class="card">
        
        <div class="card-body">
            <h6 class="card-title text-center">Men's Regular
Fit Round Neck Half Sleeved T-Shirt</h6>
            <a class="text-decoration-none text-dark"
href="">
                <p class="card-text text-center"
style="font-weight:500">₹370<span style="margin-left:5px;font-weight:400;text-
decoration:line-through ; color:gray;" class="text-center">₹1235</span></p>
                </a>
                <p class="text-center">70% Offer</p>
            </div>
        </div>
    </div>
    <div class="col-xl-3 col-lg-4 col-md-4 col-sm-6 col-6">
    <div class="card">
        
        <div class="card-body">
            <h6 class="card-title text-center">KLIEGOU Mens
Hipster Hip Hop Round Hemline Pattern Print T Shirt</h6>
            <a class="text-decoration-none text-dark"
href="">
                <p class="card-text text-center"
style="font-weight:500">₹699<span style="margin-left:5px;font-weight:400;text-
decoration:line-through ; color:gray;" class="text-center"></span></p>
                </a>
                <br>
            </div>
        </div>
    </div>
    <div class="col-xl-3 col-lg-4 col-md-4 col-sm-6 col-6">
    <div class="card">
        

```

```

        <div class="card-body">
            <h6 class="card-title text-center">Smith & Wesson
M&P Mens Logo T-Shirt</h6>
            <a class="text-decoration-none text-dark"
href="">
                <p class="card-text text-center"
style="font-weight:500">₹820<span style="margin-left:5px;font-weight:400;text-
decoration:line-through ; color:gray;" class="text-center">₹1025</span></p>
                </a>
                <p class="text-center">20% Offer</p>
            </div>
        </div>
    </div>
    <div class="col-xl-3 col-lg-4 col-md-4 col-6 col-sm-6">
        <div class="card">
            
            <div class="card-body">
                <h6 class="card-title text-center">Russell
Athletic Men's Cotton Short Sleeve T-Shirt</h6>
                <a class="text-decoration-none text-dark"
href="">
                    <p class="card-text text-center" style="font-
weight:500">₹1,080<span style="margin-left:5px;font-weight:400;text-
decoration:line-through ; color:gray;" class="text-center">₹1200</span></p>
                    </a>
                    <p class="text-center">10% Offer</p>
                </div>
            </div>
        </div>
    </div>
    <div class="col-xl-3 col-lg-4 col-md-4 col-6 offset-sm-0 col-sm-6">
        <div class="card">
            
            <div class="card-body">
                <h6 class="card-title text-center">Men's Regular
Fit Round Neck Half Sleeved T-Shirt</h6>
                <a class="text-decoration-none text-dark"
href="">
                    <p class="card-text text-center" style="font-
weight:500">₹370<span style="margin-left:5px;font-weight:400;text-
decoration:line-through ; color:gray;" class="text-center">₹1235</span></p>
                    </a>
                    <p class="text-center">70% Offer</p>
                </div>
            </div>
        </div>
    </div>

```

```

        </div>
        <div class="col-xl-3 col-lg-4 col-md-4 col-sm-6 col-6">
        <div class="card">
            
            <div class="card-body">
                <h6 class="card-title text-center">Goodthreads Men's
Slim-Fit Short-Sleeve Cotton Crewneck T-Shirt</h6>
                <a class="text-decoration-none text-dark"
href="">
                    <p class="card-text text-center" style="font-
weight:500">₹1,345<span style="margin-left:5px;font-weight:400;text-
decoration:line-through ; color:gray;" class="text-center"></span></p>
                    </a>
                    <br>
                </div>
            </div>

        </div>
        <div class="col-xl-3 col-lg-4 col-md-4 col-sm-6 col-6">
        <div class="card">
            
            <div class="card-body">
                <h6 class="card-title text-center">SwingJuice
Men's Retro Golf Short Sleeve Graphic T-Shirt</h6>
                <a class="text-decoration-none text-dark"
href="">
                    <p class="card-text text-center" style="font-
weight:500">₹1,407<span style="margin-left:5px;font-weight:400;text-
decoration:line-through ; color:gray;" class="text-center">₹2345</span></p>
                    </a>
                    <p class="text-center">40% Offer</p>
                </div>
            </div>

    </div>
</div>
</div>
</div>
</div>
</body>
<script>
    var popoverTriggerList = [].slice.call(document.querySelectorAll('[data-bs-
toggle="popover"]'))
    var popoverList = popoverTriggerList.map(function (popoverTriggerEl) {
        return new bootstrap.Popover(popoverTriggerEl)
    })

```

```

    })
  </script>
</html>

```

Product search page for watches:

```

<!DOCTYPE html>

<html>
  <head>
    <title></title>
    <link href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.0.3/css/font-awesome.css" rel="stylesheet">
    <link href="https://cdn.usebootstrap.com/bootstrap/4.4.1/css/bootstrap.min.css"
rel="stylesheet">
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-
icons@1.9.1/font/bootstrap-icons.css">
    <link href="https://stackpath.bootstrapcdn.com/bootstrap/5.0.0-
alpha1/css/bootstrap.min.css" rel="stylesheet">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></scrip
t>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/4.7.0/css/font-awesome.min.css">
    <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"
rel="stylesheet">
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js
"></script>
    <style>
      .checked{
        color: orange;
      }
      .popover{
        width: 450px;
      }
    </style>
  </head>
  <body style="background-color:whitesmoke">
    <nav class="navbar navbar-expand-lg navbar-dark" style="background-color:
#5c5c3d">
      <div class="container">
        <center><a class="navbar-brand" href="#">
          <div class="in"

```

```

        style="display:flex;flex-direction:row;align-items:
center;justify-content:flex-start;gap:1.5%;">
        
        <h2 class="ms my-1 ml-1"><strong>E</strong><em>mart</em></h2>
        
    </div>
    </a></center>
    <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 my-1" id="navbarSupportedContent">
        <ul class="navbar-nav col-lg-6 offset-lg-0" style="order:2">
            <li class="nav-item ml-2">
                <center></center>
            </li>
            <div class="text-light mx-4 my-1" style="font-size:13px;font-
family: cursive;">
                <center>
                    <p class="my-1 text-light">Deliver to</p>
                    <p><i class="bi bi-geo-alt-fill"></i>&nbsp; India</p>
                </center>
            </div>
            <li class="my-1">
                {% if not msg: %}
                <a tabindex="10"
                role="button"
                data-html="true"
                data-toggle="popover"
                data-trigger="click"
                data-placement="bottom"
                data-content="<div class='text-center'><a
href='{{url_for('auth.signin')}}' class='mb-1 btn btn-md btn-warning top-0
start-100' style='padding-left:10px;' >Sign in</a></div>
                </br>
                <p>New customer?<a href='{{url_for('auth.signup')}}' class='text-
decoration-none'>Start here</a>
                </p><center><h7 style="color:white;font-weight:450"><i
style="color:white;font-size:1.2rem" class="bi bi-person-circle"></i><br />Hello,
Login</h7></center></a>
                {% else %}
                <center>
                    <a tabindex="8"

```

```

        role="button"
        data-html="true"
        data-toggle="popover"
        data-trigger="click"
        data-placement="bottom"
        data-content="<div class='text-center'><h6>{{ msg
}}</h6></div><div class='container px-0 py-0'>
    <a href='{{
url_for("details.open",username=msg,email=email,mobile=mobile,sno=sno)}}'
class='btn p-2 btn-warning btn-sm px-1 py-1 text-decoration-none'>Account
Details</a></br></br>
        <a href='{{ url_for("home.returns",mobile=mobile)}}' class='btn
p-2 btn-warning btn-sm px-1 py-1 text-decoration-none'>Orders &
Return</a></br></br>
        <a href='{{ url_for("auth.logout")}}' class='btn p-2 btn-
warning btn-sm px-4 py-1 text-decoration-none'>&nbsp; Log out
&nbsp;</a></br></br></div>
        "> <center><h7 style="color:white;font-weight:450"><i
style="color:white;font-size:1.2rem" class="bi bi-person-circle"></i><br />{{ msg
}}</h7></center></a>
        </center>
    </li>
    <li class="mx-4">
        <a href='{{url_for("cart.box",mobile=mobile)}}'
style="color:white;text-decoration: none;font-family: cursive">
            <center>
                <h5><i style="color:white;font-size:1.4rem" class="bi bi-
cart3"></i></h5>
                <p>Cart</p>
            </center>
        </a>
    </li>
    {% endif %}

</ul>
<form class="form-inline col-lg-6 offset-lg-1">
    <input class="form-control col-lg" style="background-
color:#DFDCE3;border-radius:10px 0px 0px 10px" type="search" placeholder="Search"
aria-label="Search">
    <button class="btn btn-light my-2 my-sm-0 mx-0" style="background-
color:#2e2e1f;border-radius:0px 10px 10px 0px" type="submit"><i
class="text-light bi bi-search"></i></button>
</form>
</div>
</div>
</nav>
<div class="container-fluid">
<div class="row">
    <div class="col-xl-2 col-lg-3 col-md-3 col-sm-3 bg-whitesmoke">

```

```

<div class="container mt-2">
  <div>
    <h4>Category</h4>
    <ul style="display:block;">
      <li><a href="" class="text-decoration-none
text-dark">Men's Watches</a></li>
      <li><a href="" class="text-decoration-none text-
dark">Men's wrist Watches</a></li>
      <li><a href="" class="text-decoration-none text-
dark">Men's Fashion Smartwatches</a></li>
      <li><a href="" class="text-decoration-none text-
dark">Smart Watches</a></li>
      <li><a href="" class="text-decoration-none text-
dark">Women's Watches</a></li>
      <li><a href="" class="text-decoration-none text-
dark">Women's Wrist Watches</a></li>
      <li><a href="" class="text-decoration-none text-
dark">women's Fashion Smartwatches</a></li>

    </ul>
  </div><br>
  <div>
    <h4>price</h4>
    <ul>
      <li><a href="" class="text-decoration-none
text-dark">Under ₹2,000</a></li>
      <li><a href="" class="text-decoration-none
text-dark">₹2,000-₹5,000</a></li>
      <li><a href="" class="text-decoration-none
text-dark">₹5,000-₹1,0000</a></li>
      <li><a href="" class="text-decoration-none
text-dark">₹1,0000-₹20,000</a></li>
      <li><a href="" class="text-decoration-none
text-dark">Over ₹20,000</a></li>
    </ul>
  </div>

  <div class="py-2">
    <h4>colour</h4>
    <a href=""><button class="btn btn-success btn-md mb-
1" ></button></a>
    <a href=""><button class="btn btn-dark btn-md mb-1 "
></button></a>
    <a href=""><button class="btn btn-primary btn-md mb-
1" ></button></a>
    <a href=""><button class="btn btn-light btn-outline-
success btn-md mb-1" ></button></a>

```

```

1"></button></a>
<a href=""><button class="btn btn-info btn-md mb-1"
></button></a>
<a href=""><button class="btn btn-secondary btn-md
mb-1" ></button></a>
<a href=""><button class="btn btn-warning btn-md mb-
1" ></button></a>
<a href=""><button class="btn btn-md mb-1"
style="background-color:orange;"></button></a>
<a href=""><button class="btn btn-md mb-1"
style="background-color: rgb(95, 4, 4);"></button></a>
<a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(26, 38, 211);"></button></a>
<a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(102, 127, 57);"></button></a>
<a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(231, 30, 238);"></button></a>
<a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(202, 246, 100);"></button></a>
<a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(164, 163, 160);"></button></a>
<a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(97, 60, 116);"></button></a>
<a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(245, 177, 177);"></button></a>
<a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(31, 31, 79);"></button></a>
<a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(18, 96, 33);"></button></a>
<a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(83, 41, 71);"></button></a>
<a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(82, 77, 68);"></button></a>
<a href=""><button class="btn btn-md mb-1"
style="background-color:rgba(25, 17, 129, 0.119);"></button></a>
<a href=""><button class="btn btn-md mb-1"
style="background-color:rgb(50, 232, 223);"></button></a>

```

```

</div>

```

```

<div>

```

```

<h4>Discount</h4>

```

```

<div class="form-check">

```

```

<label class="form-check-label">

```

```

<input type="radio" class="form-check-input"
name="" id="" value="checkedValue" checked>

```

```

10% Off or more

```

```

</label>

```



```

        </div>
        <div class="form-check">
            <a>
                <label class="form-check-label">
                    <input type="radio" class="form-check-input"
name="" id="" value="checkedValue" checked>
                    20% Off or more
                </label></a>
            </div>
            <div class="form-check">
                <label class="form-check-label">
                    <input type="radio" class="form-check-input"
name="" id="" value="checkedValue" checked>
                    30% Off or more
                </label>
            </div>
        </div>
    </div>
    <div class="col-xl-10 col-lg-9 col-md-9 col-sm-9 bg-whitesmoke">
        <div class="mt-3 px-2">
            <h4>RESULTS</h4>
            <p>Price and other details may vary based on product size and
color.</p>
        </div>
        <div class="container">
            <div class="row ">
                <div class="col-xl-3 col-lg-4 col-md-4 col-6 col-sm-6 mb-3">>
                    <div class="card">

                        
                        <a class="text-decoration-none text-dark" href="{ {
url_for('product.individual',company_name="Titan",username=msg,email=email,mobile
=mobile,sno=sno,product_name='Titan Metal Mechanicals Analog Black Dial Mens
Watch-
90140QM02',logo='titan.png',product_image='photo5.jpg',price='1555',date='Novembe
r',location='chennai',rating='4',f1='90%',f2='70%',f3='60%',f4='50%',f5='30%') }}"
>

                            <div class="card-body">
                                <h5 class="card-title text-center"
>Titan</h5><h6 class="text-center">Titan Metal Mechanicals Analog Black Dial
Men's Watch-90140QM02 </h6>

                                <p class="card-text text-center"
style="font-weight:500">₹1555<span style="margin-left:5px;font-weight:400;text-
decoration:line-through ; color:gray;" class="text-center">₹2500</span></p>

                                <p class="text-center">17% Offer</p>

```

```

        </div> </a>
    </div>
</div>
<div class="col-xl-3 col-lg-4 col-md-4 col-6 offset-sm-0 col-sm-6">
<div class="card">
    
    <div class="card-body">
        <h5 class="card-title text-center" >Citizen</h5>
        <h6 class="card-title text-center">Citizen Analog
Blue Dial WomenMen Watch-BM7334-58L</h6>
        <a class="text-decoration-none text-dark"
href="">
            <p class="card-text text-center"
style="font-weight:500">₹17,205<span style="margin-left:5px;font-weight:400;text-
decoration:line-through ; color:gray;" class="text-center">₹18,500</span></p>
            </a>
            <p class="text-center">7% Offer</p>
        </div>
    </div>
</div>
</div>
<div class="col-xl-3 col-lg-4 col-md-4 col-sm-6 col-6">
<div class="card">
    
    <div class="card-body">
        <h5 class="card-title text-center" >Garmin</h5>
        <h6 class="card-title text-center py-2" >Garmin
Venu Square - Metallic Orchid Smartwatch</h6>
        <a class="text-decoration-none text-dark"
href="">
            <p class="card-text text-center"
style="font-weight:500">₹16,400<span style="margin-left:5px;font-weight:400;text-
decoration:line-through ; color:gray;" class="text-center">₹20,000</span></p>
            </a>
            <p class="text-center">18% Offer</p>
        </div>
    </div>
</div>
</div>
<div class="col-xl-3 col-lg-4 col-md-4 col-sm-6 col-6">
<div class="card">
    

```

```

        <div class="card-body">
            <h5 class="card-title text-center" >Fossil</h5>
            <h6 class="card-title text-center py-2" >Fossil
Analog Black Dial Men's Watch-FS5308</h6>
            <a class="text-decoration-none text-dark"
href="">
                <p class="card-text text-center"
style="font-weight:500">₹10,775<span style="margin-left:5px;font-weight:400;text-
decoration:line-through ; color:gray;" class="text-center">₹10,995</span></p>
                </a>
                <p class="text-center">2% Offer</p>
            </div>
        </div>
        <div class="col-xl-3 col-lg-4 col-md-4 col-6 col-sm-6">
            <div class="card">
                
                <div class="card-body">
                    <h5 class="card-title text-center" >Casio</h5>
                    <h6 class="card-title text-center">Casio G-Shock
Analog-Digital Black Dial Men's Watch-GG-1000-1A3DR (G662)</h6>
                    <a class="text-decoration-none text-dark"
href="">
                        <p class="card-text text-center" style="font-
weight:500">₹13,296<span style="margin-left:5px;font-weight:400;text-
decoration:line-through ; color:gray;" class="text-center">₹17,495</span></p>
                        </a>
                        <p class="text-center">21% Offer</p>
                    </div>
                </div>
            </div>
            <div class="col-xl-3 col-lg-4 col-md-4 col-6 offset-sm-0 col-sm-6">
                <div class="card">
                    
                    <div class="card-body">
                        <h5 class="card-title text-center" >Citizen</h5>
                        <h6 class="card-title text-center">CITIZEN Analog
Grey Dial Men's Watch-CA4500-24H</h6>
                        <a class="text-decoration-none text-dark"
href="">
                            <p class="card-text text-center" style="font-
weight:500">₹22,100<span style="margin-left:5px;font-weight:400;text-
decoration:line-through ; color:gray;" class="text-center">₹26,000</span></p>
                            </a>
                            <p class="text-center">15% Offer</p>

```

```

        </div>

    </div>

</div>
<div class="col-xl-3 col-lg-4 col-md-4 col-sm-6 col-6">
<div class="card">
    
    <div class="card-body">
        <h5 class="card-title text-center" >Fossil</h5>
        <h6 class="card-title text-center">Fossil Gen 6
Smartwatch with AMOLED Screen, Snapdragon 4100+ Wear Platform</h6>
        <a class="text-decoration-none text-dark"
href="">
            <p class="card-text text-center" style="font-
weight:500">₹23,745<span style="margin-left:5px;font-weight:400;text-
decoration:line-through ; color:gray;" class="text-center">₹24,995</span></p>
            </a>
            <p class="text-center">5% Offer</p>
        </div>
    </div>

</div>
<div class="col-xl-3 col-lg-4 col-md-4 col-sm-6 col-6">
<div class="card">
    
    <div class="card-body">
        <h5 class="card-title text-center" >Seiko</h5>
        <h6 class="card-title text-center">Seiko Analog
White Dial Men's Watch-SPC246P1</h6>
        <a class="text-decoration-none text-dark"
href="">
            <p class="card-text text-center" style="font-
weight:500">₹27,000<span style="margin-left:5px;font-weight:400;text-
decoration:line-through ; color:gray;" class="text-center">₹30,000</span></p>
            </a>
            <p class="text-center">10% Offer</p>
        </div>
    </div>

</div>
</div>
</div>
</div>
</div>
</body></html>

```


13.2

GITHUB & PROJECT DEMO LINK

Our GitHub Repository Direct Link

<https://github.com/IBM-EPBL/IBM-Project-7420-1658855571>

Project Demonstration Video Direct Link:

<https://www.youtube.com/watch?v=pGuhca746O8>

