

IBM – NALAIYA THIRAN PROJECT

SMART FASHION RECOMMENDER APPLICATION

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ABSTRACT

The Fashion industry is one of the larger industries around the world. One of the things that has remained constant throughout human civilization is humans covering their bodies with a piece of cloth.

There is currently no existing system that is capable of recommending clothes based on the occasion. Different occasions call for different clothing. Moreover, a lot of fashion is based on the color combinations of outfits. A person with no or little fashion sense will have a hard time to decide on clothes that leave a lasting impression. The proposed Fashion Recommendation System is intended to be used by individual users in order to store images of the clothes that they own.

Recommendation systems are the techniques that are used to predict the rating one individual will give to an item or social entity. The items can include books, movies, restaurants and things on which individuals have different preferences. These preferences are being predicted using two approaches first content-based approach which involves characteristics of an item and second collaborative filtering approaches which considers user's past behaviour to evaluate its choices. This thesis proposes a fashion recommendation system which will recommend clothing images supported the style sort of the provided clothing images.

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1. INTRODUCTION

PROJECT OVERVIEW

The Fashion industry is one of the larger industries around the world. One of the things that have remained constant throughout human civilization is humans covering their bodies with a piece of cloth. Initially, this cloth was worn as protection from the harsh climates of those ages. Later on, as we humans learned to fend for ourselves from the unforgiving climates, the cloth started to serve a different purpose. Fashion these days showcases the individuality of the person. There are many things that can be said about a person based on their fashion sense.

PURPOSE

There is currently no existing system that is capable of recommending clothes based on the occasion. Different occasions call for different clothing. Moreover, a lot of fashion is based on the color combinations of outfits. A person with no or little fashion sense will have a hard time to decide on clothes that leave a lasting impression. The proposed Fashion Recommendation System is intended to be used by individual users in order to store images of the clothes that they own in what is called a digital wardrobe and also to get recommendations by the system on what clothes to wear for a given occasion. The main aim of the project is to recommend the most appropriate clothes for a given occasion based on the clothes existing in the user's wardrobe to relieve the user of the burden of making decisions about what clothing to wear. Such a system should be capable of helping someone who has no fashion sense to wear clothes that leave a good impression on others. The system should be such that it is easily accessible and easy to take advantage of the various features that it provides. One of the features should be the ability to store images that the user uploads into a wardrobe. A wardrobe is a very useful entity that the user can use to view and manage the images of clothes that they have uploaded. This feature can also be used by the recommendation algorithm to recommend the clothes. Another feature is the classification of the type and color of the clothing that is uploaded by the user. The system should be capable of handling the 4 basic clothing types: Shirt, T-Shirt, Pants and Shoes.

2. LITERATURE SURVEY

Myntra-Matching Clothes Recommendation:

On selecting a particular item to buy, Myntra automatically suggests a full set of clothes that are matching to the selected item. For example, on selecting a particular t-shirt, the system automatically generates a combination of watches, shoes, pants, etc. that are matching to the selected t-shirt. This system does not take into consideration private qualities of customers like skin color and existing clothes. It will only suggest clothes that already exist in its database

Discerning Advisor:

The system tries to recommend clothes based on skin color of the customer. Using a neural network, first the skin color is detected. Fuzzy logic is used to map a skin color to the skin color of a fashion model, and clothes suited to that model are recommended. Garment Detectives: The garment detection is to detect the presence of clothes in images and somewhat locate their extents, where the localization can be defined from coarse (image) level to fine (pixel) level. A unified system is proposed for detecting and recognizing clothes in customer photos.

Prof.AshishBhatt (2017) says that commerce via internet, or e-commerce, has experienced rapid growth since the early years. It is well known to most of the internet researchers that the volume of online business to consumer transaction is increasing annually at very high rate. However there is still a need for closer examination on the online shopping buying behaviour in developing countries like India. The implementation of information system depend on specific social, cultural, economic, legal and political context, which may differ significantly from one country to another country. Online shopping is rapidly changing the way people do business all over the world.

EXISTING PROBLEM:

In existing system only simple web application and their rating has been implemented in existing system, An ecommerce product recommendation engine is a piece of technology that displays recommended products to shoppers throughout your store. It uses machine learning to get smarter and show increasingly relevant products to shoppers based on their interests and previous browsing behavior.

REFERENCES:

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2. Aneesh K, P V Rohith Kumar, Sai Uday Nagula, Archana Nagelli - IJRASET
3. Chakraborty, S.; Hoque, M. S.; Jeem, N.R.; Biswas, M.C.; Bardhan, D.; Lobaton, E. Fashion Recommendation Systems, Models and Methods: A Review. Informatics 2021, 8, 49. <https://doi.org/10.3390/informatics8030049>

PROBLEM STATEMENT DEFINITION

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. Smart fashion have attracted a huge amount of attention from fast fashion retailers as they provide personalized shopping experience to consumers. With the technological advancements, this branch of artificial intelligence exhibits a tremendous amount of potential in image processing, parsing, classification, and segmentation. . Customers no longer have to visit many stores, stand in long queues, or try on garments in dressing rooms as millions of products are now available in online catalogs. Effective fashion RS can have a noticeable impact on billions of customers' shopping experiences and increase sales and revenues on the provider-side.

The goal of this survey is to provide a review of recommender systems that operate in the specific vertical domain of garment and fashion products. We have identified the most pressing challenges in fashion RS research and created a taxonomy that categorizes the literature according to the objective they are trying to accomplish (e.g., item or outfit recommendation, size recommendation, explainability, among others) and type of side-information (users, items, context). We have also identified the most important evaluation goals and perspectives (outfit generation, outfit recommendation, pairing recommendation, and fill-in-the-blank outfit compatibility prediction) and the most commonly used datasets and evaluation metrics. Recommender systems help users navigate large collections of products to find items relevant to their interests leveraging large amounts of product information and user signals like product views, followed or ignored items, purchases or web-page visits to determine how, when and what to recommend to their customers.

Due to market dynamics and customer preferences, there is a large vocabulary of distinct fashion products, as well as high turnover. This leads to sparse purchase data, which challenges the usage of traditional recommender systems . In shopping apps navigating to the desired product is very difficult and no proper assistance will be provided. Which you can directly do your online shopping based on your choice without any search.

Instead of navigating to several screens for booking products online the user can directly talk to Chatbot regarding the products. To deal with the aforementioned problems, and given the visual and aesthetic nature of fashion products, there is a growing body of computer vision research addressing tasks like localizing fashion items , determining their category and attribute or establishing the degree of similarity to other products. .

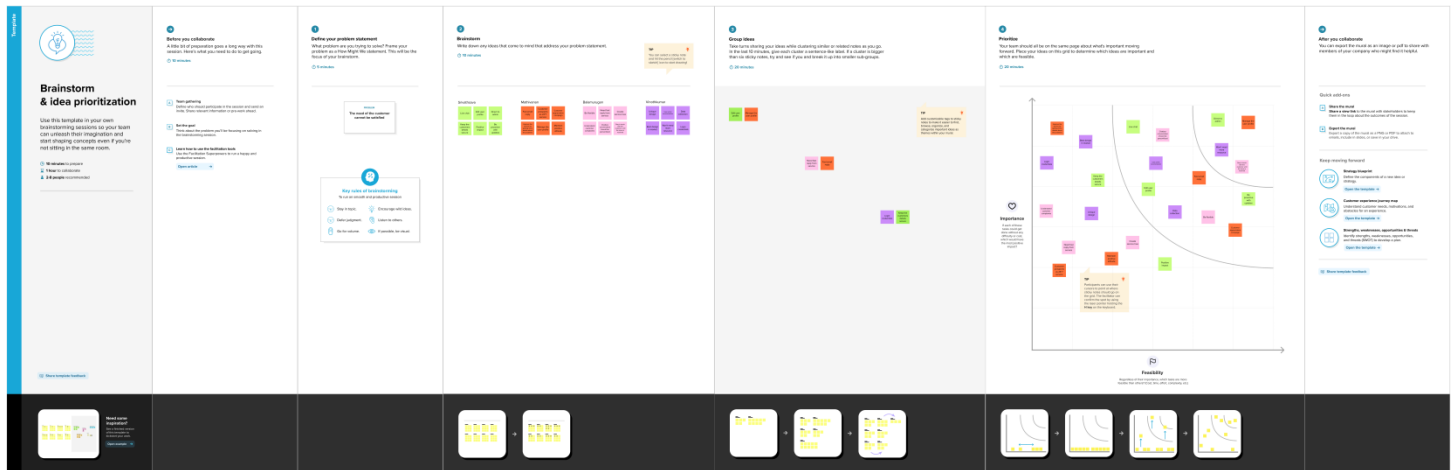
EMPATHY MAP CANVAS:

SMART FASHION RECOMMENDER APPLICATION



IDEATION & BRAINSTROMING:

A group problem-solving technique that involves the spontaneous contribution of ideas from all members of the group.



PROPOSED SOLUTION:

S.NO.	PARAMETER	DESCRIPTION
1.	Problem statement(problem to be solved)	A customer is a user who needs an intermediary recommender to solve their problem in online order through smart recommender web application
2.	Idea/ solution description	When the user faces any problem during online order this web application will recommend the alternative solution to solve their problem at any time.
3.	Novelty/ Uniqueness	The user can order their interested product that we recommended on the home page using the filters they provide.
4.	Social impact/Customer satisfaction	Customer can get their interested product by the recommendation system .

5.	Business model (Revenue model)	We can charge a certain amount as commission to the seller for helping them recommend their products and we can also setup a donation to maintain web app alive.
6.	Scalability of the solution	This web app can maintain many users and assign a recommended product

PROBLEM SOLUTION FIT

Project Title: Smart Fashion Recommender Application

Project Design Phase-I - Solution Fit Template

Team ID: PNT2022TMID49595

Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS Who is your customer? i.e. working parents of 0-5 y.o. kids 1) Customer who are not able to solve their fashion related queries. 2) Customer who do not know their correct fashion to wear.	6. CUSTOMER CONSTRAINTS CC What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices. 1) This web application will be supported by almost all the devices. 2) The solution we propose will have an alert via email feature	5. AVAILABLE SOLUTIONS AS 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? i.e. pen and paper is an alternative to digital notetaking 1) By communicating properly. 2) Offer a solution and give options whenever possible. 3) By reading guidelines properly.	Explore AS, differentiate
	2. JOBS-TO-BE-DONE / PROBLEMS J&P Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides. 1) The application allow the customers to find the solution for their queries. 2) They will categorize their expenses. 3) They also get the correct fashion with our filters.	9. PROBLEM ROOT CAUSE RC What is the real reason that this problem exists? What is the back story behind the need to do this job? i.e. customers have to do it because of the change in regulations. 1) Lot of customer don't know their correct fashion for their wishes. 2) Some customers have lack of knowledge.	7. BEHAVIOUR BE What does your customer do to address the problem and get the job done? i.e. Directly related: find the right solar panel installer, calculate usage and benefits; indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace) 1) Make sure they find a proper solution for their queries. 2) Make sure he/she read the guidelines properly.	
Identify strong TR & EM	3. TRIGGERS TR What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more sustainable solution in the news. 1) Customer can know to solve their solution.	10. YOUR SOLUTION SL If you are working on an existing business, write down your current solution 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 in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour. 1) To provide a fashion recommender filter which clear their fashion queries. 2) And save the customer related queries for future recommendation	8. CHANNELS of BEHAVIOUR CH ONLINE What kind of actions do customers take online? Extract online channels from #7 OFFLINE What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development. 1) All their data are secured and being updated to cloud storage. 2) Make sure they find the best solutions for their complaints.	Identify strong TR & EM
	4. EMOTIONS: BEFORE / AFTER EM How do customers feel when they face a problem or a job and afterwards? i.e. lost, insecure -> confident in control - use it in your communication strategy & design. 1) Customers can get help from help desk.			

4. REQUIREMENT ANALYSIS

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 Registration through Gmail
FR-2	User Confirmation	Confirmation via Email
FR-3	Orders	As a user,can order the product through online shopping
FR-4	Chatbot	To finding the feelgood product by using automated chatbot
FR-5	Billing	Numerous payment option like gpay,amazon pay

NON-FUNCTIONAL REQUIREMENTS:

SMART FASHION RECOMMENDER APPLICATION

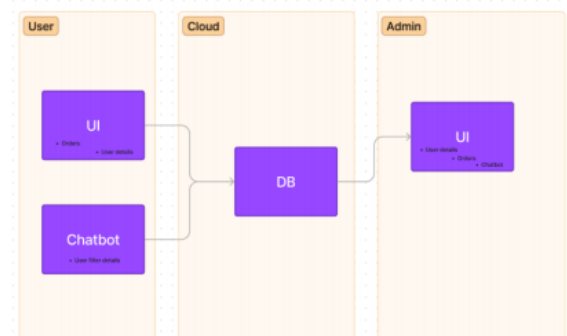
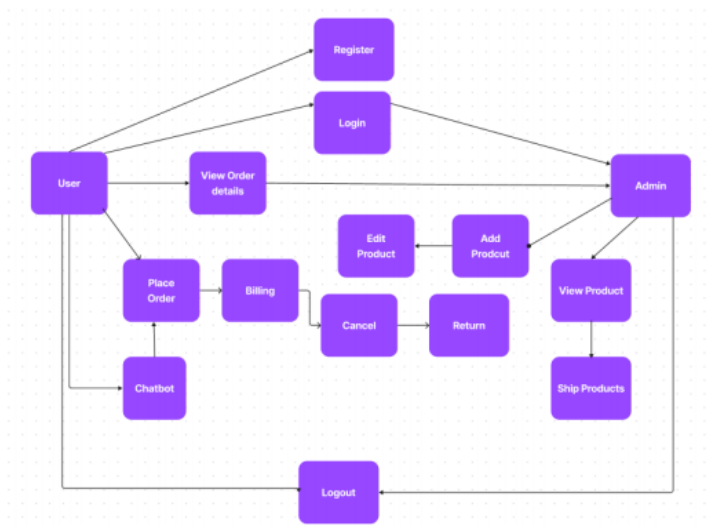
Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Regardless of the size of your business,the website of your business should be easy to use for even a non-technical user
NFR-2	Security	This NFR deals with the security of the user data captured by the applications against any breach
NFR-3	Reliability	It is also considered for the different admin roles by which you can control who can create,view,copy,change or delete information
NFR-4	Performance	For increasing the traffic on your website,you have to give special attention to the performance
NFR-5	Availability	Auto scaling,Availability zones,Elastic load balancing
NFR-6	Scalability	Scalability is a measure of a system being able to appropriately handle the increase/decrease in workload

5. PROJECT DESIGN

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.

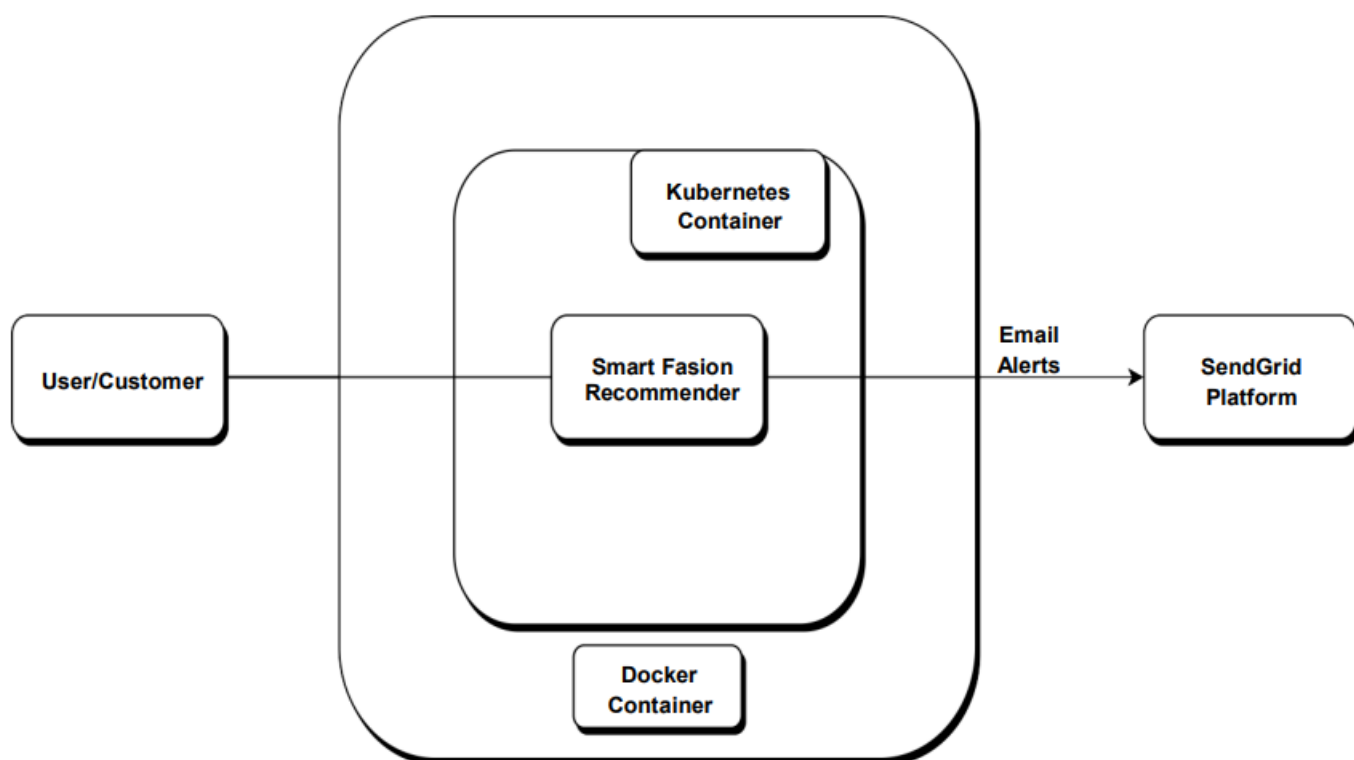


SOLUTION & TECHNICAL ARCHITECTURE:

We have developed 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 chatbot. In this project you will be working on two modules:

- Admin
- User

Instead of searching for products in the search bar and navigating to individual products to find required preferences, this project leverages the use of chatbots to gather all required preferences and recommend products to the user. The solution is implemented in such a way as to improve the interactivity between customers and applications. The chatbot sends messages periodically to notify offers and preferences. For security concerns, this application uses a token to authenticate and authorize users securely. The token has encoded user id and role. Based on the encoded information, access to the resources is restricted to specific users.



USER STORIES:

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-1
		USN-4	As a user, I can register for the application through Gmail	I can access my account / dashboard	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can receive confirmation email & click confirm	High	Sprint-1
	Dashboard	US	As a user can view the new and latest product on the dashboard	I can receive the latest product details	High	Sprint-2
Customer (Web user)	Website search	US	As a user, can search the product on the various websites	Happy as the customer finding the numerous options	High	Sprint-2
Product Evaluation	Quality	US	Opens a page to check product details checks other products for proper comparison	Higher quality products in the top categories I can gets a good products	High	Sprint-2
Chatbox	Request	US	To finding the feelgood product by using automated chatbox	if the product may be available it will be display	High	Sprint-3
Customer (Activity)	Orders	US	As a user, can order a product	I can receive the confirmation message when ordering the product	High	Sprint-3
	Exchange and Cancelling	US	As a user, can exchange the product and cancelling the product	I can receive the message when i cancel the product and exchange the product	High	Sprint-3
Payment	Billing	US	Makes the Payment for the preferred product	numerous payment option like gpay, amazon pay	High	Sprint-4
			As a user, can cancel the product and the payment can be returned to their account	An easy check out process		

6. PROJECT PLANNING & SCHEDULE

SPRINT PLANNING & ESTIMATION:

Milestones	Activities	Description
Project Development Phase	Delivery of Sprint – 1,2,3,4	To develop the code and submit the developed code by testing it
Setting up App environment	Create IBM Cloud account	Signup for an IBM Cloud account
	Create flask project	Getting started with Flask to create project
	Install IBM Cloud CLI	Install IBM Command LineInterface
	Docker CLI Installation	Installing Docker CLI on laptop
	Create an account in send grid	Create an account in sendgrid. Use the service as email integration to our application for sending emails
Implementing web Application	Create UI to interact with Application	Create UI <ul style="list-style-type: none"> Registration page Login page View products page Add products page
	Create IBM DB2 & connect with python	Create IBM DB2 service in IBM Cloud and connect with python code with DB
Integrating sendgrid service	Sendgrid integration with python	To send emails form the application we need to integrate the Sendgrid service
Developing a chatbot	Building a chatbot and Integrate to application	Build the chatbot and Integrate it to the flask application
Deployment of App in IBMCloud	Containerize the App	Create a docker image of your application and push it to the IBM container registry
	Upload image to IBM container registry	Upload the image to IBM container registry
	Deploy in kubernetes cluster	Once the image is uploaded to IBM Container registry deploy the image to IBM Kubernetes cluster

Ideation Phase	Literature Survey	Literature survey on the selected project & information gathering
	Empathy Map	Prepare Empathy map to capture the user Pain & Gains, prepare list of problem statement
	Ideation	Organizing the brainstorming session and priorities the top 3 ideas based on feasibility & Importance
Project Design Phase I	Proposed Solution	Prepare proposed solution document which includes novelty, feasibility of ideas, business model, social impact, Scalability of solution
	Problem Solution Fit	Prepare problem solution fit document
	Solution Architecture	Prepare solution architecture document
Project Design Phase II	Customer Journey	Prepare customer journey map to understand the user interactions & experience with the application
	Functional requirement	Prepare functional & non functional requirement document
	Data Flow Diagram	Prepare Data Flow Diagramand user stories
	Technology architecture	Draw the technology architecture diagram
Project Planning Phase	Milestones & Activity list	Prepare milestones and activity list of the project
	Sprint Delivery Plan	Prepare sprint delivery plan

SPRINT DELIVERY SCHEDULE:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Admin Panel	USN-1	As a Admin , <ul style="list-style-type: none"> Can login Products - CRUD User List Orders List 	20	High	M.Srivathsava M.Mathivanan A.Balamurugan L.Vinodkumar
Sprint-2	User Panel	USN-2	As a user, <ul style="list-style-type: none"> Register , Login , Email Verification Manual Search Order placement , Order Details 	20	High	M.Srivathsava M.Mathivanan A.Balamurugan L.Vinodkumar
Sprint-3	ChatBot	USN-3	<ul style="list-style-type: none"> Automatic product search based on user information Can make order without any manual process 	20	High	M.Srivathsava M.Mathivanan A.Balamurugan L.Vinodkumar
Sprint-4	Testing & Deploy	USN-4	<ul style="list-style-type: none"> Unit Testing Containerize the app Deployment in IBM CLOUD 	20	High	M.Srivathsava M.Mathivanan A.Balamurugan L.Vinodkumar

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

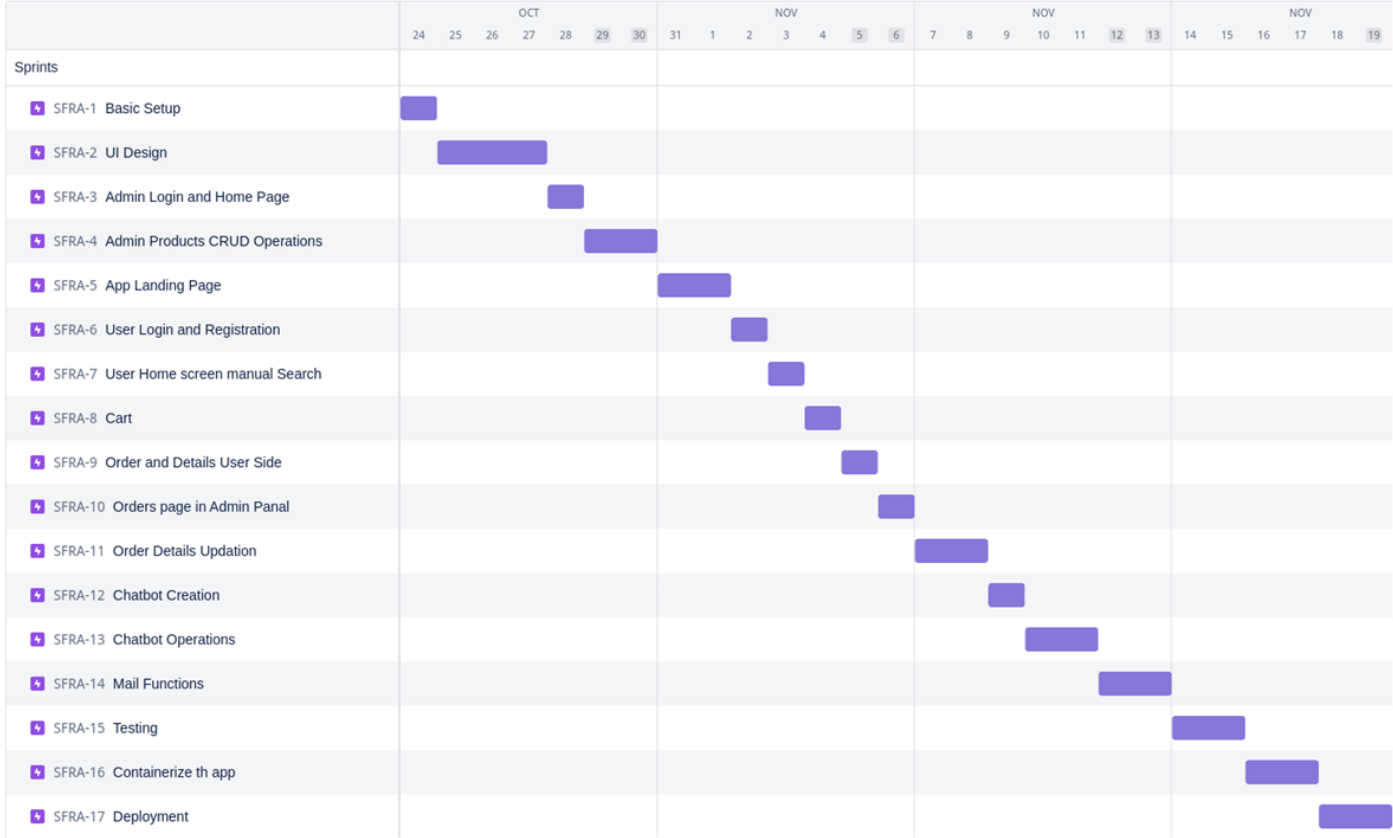
Velocity:

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)

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

REPORTS FROM JIRA:

Burndown Chart:



homepage.html

```
<head>

  <title> FASHIONS </title>

  <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.15.4/css/all.css">


</head>

<style>

  *{

margin: 0;

padding: 0;

font-family:"Century Gothic", CenturyGothic, AppleGothic, sans-serif;


}

.main{

width: 100%;

background: linear-gradient(to top, rgba(0,0,0,0.5),rgba(0,0,0,0.5)50%);

background-position: center;

background-size: cover;

height: 100%;

font-family:"Century Gothic", CenturyGothic, AppleGothic, sans-serif;

}

.navbar{

width: 100%;

height: 75px;

margin: auto;

}
```



```
.icon{  
    width: 200px;  
    float: left;  
    height: 70px;  
}
```

```
.logo{  
    color:rgb(98, 246, 152);  
    font-size: 35px;  
  
    padding-left: 20px;  
    float: left;  
    padding-top: 10px;  
}
```

```
.menu{  
    width: 400px;  
    float: left;  
    height: 70px;  
}
```

```
ul{  
    float: left;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
}
```

```
ul li{  
    list-style: none;  
    margin-left: 62px;
```

```

margin-top: 27px;
font-size: 14px;
}

ul li a{
    text-decoration: none;
    color: #ffff;

    font-weight: bold;
    transition: 0.4s ease-in-out;
}

ul li a:hover{
    color: rgb(98, 246, 152);
}

.search{
    width: 330px;
    float: left;
    margin-left: 270px;
}

.srch{

    width: 200px;
    height: 40px;
    background: transparent;
    border: 1px solid rgb(98, 246, 152);
    margin-top: 13px;
    color: #ffff;
    border-right: none;
    font-size: 16px;

```

```

float: left;
padding: 10px;
border-bottom-left-radius: 5px;
border-top-left-radius: 5px;
}

.btn{
width: 100px;
height: 40px;
background:rgb(98, 246, 152) ;
border: 2px solid rgb(98, 246, 152);
margin-top: 13px;
color: #ffff;
font-size: 15px;
border-bottom-right-radius: 5px;
border-bottom-right-radius: 5px;
}

.btn:focus{
outline: none;
}

.srch:focus{
outline: none;
}

.content{
width: 1200px;
height: auto;
margin: auto;
color: #ffff;
position: relative;

```

```

}

.content.par{
    padding-left: 20px;
    padding-bottom: 25px;

    letter-spacing: 1.2px;
    line-height: 30px;
}

.content h1{

    font-size: 50px;
    padding-left: 20px;
    margin-top: 1%;
    letter-spacing: 2px;
    color: black;
}

.content h5{

    font-size: 50px;
    padding-left: 10px;
    margin-top: 9%;
    letter-spacing: 2px;
    color: black;
}

.content .cn{
    width: 160px;
    height: 40px;

```

```
background: rgb(98, 246, 152);
border: none;
margin-bottom: 10px;
margin-left: 20px;
font-size: 18px;
border-radius: 10px;
cursor: pointer;
transition: .4s ease;
}
```

```
.content .cn a{
  text-decoration: none;
  color: #000;
  transition: .3s ease;
}
```

```
.cn:hover{
  background-color: #fff;
}
```

```
.content span{
  color:red;
  font-size: 60px;
}
```

```
.form{
  width: 250px;
  height: 380px;
  background: linear-gradient(to top,rgba(0,0,0,0.8)50%,rgba(0,0,0,0.8)50%);
  position: absolute;
  top: -20px;
  left: 870px;
```

```
border-radius: 10px;  
padding: 25px;  
}
```

```
.form h2{  
width: 220px;  
  
text-align: center;  
color:green;  
font-size: 22px;
```

```
border-radius: 10px;  
margin: 2px;  
padding: 8px;  
}
```

```
.form input{  
width: 240px;  
height: 35px;  
background: transparent;  
}
```

```
.form input{  
width: 240px;  
height: 35px;  
background: transparent;  
border-bottom: 1px solid rgb(98, 246, 152);  
border-top: none;  
border-right: none;  
border-left: none;  
color: #fff;  
font-size: 15px;
```

```

    letter-spacing: 1px;
    margin-top: 30px;

}

.form input:focus{
    outline: none;
}

::placeholder{
    color: #fff;

}

.reg{
    position:fixed;

    width: 240px;
    height: 40px;
    background: rgb(98, 246, 152);
    border: none;
    margin-top:15px;
    margin-left:20px;
    border-radius:10px;
    font-size: 18px;
    border-radius: 10px;
    cursor: pointer;
    color: #fff;
    transition: 0.4s ease;
}

.btnn:hover{

```

```

background: #fff;
color: rgb(98, 246, 152);
}

.btnn a{
    text-decoration: none;
    color: #000;
    font-weight: bold;
}

.form .link{

    font-size: 17px;
    padding-top: 20px;
    text-align: center;
}

.form .link a{
    text-decoration: none;
    color: rgb(98, 246, 152);
}

.liw{
    padding-top: 15px;
    padding-bottom: 10px;
    text-align: center;
}

.reg{
    color: white;
    background-color: #1c1c1e;
    border: none;
    outline: none;

```



```

        border-radius: 2px;
        font-size: 14px;
        padding: 5px 12px;
        font-weight: 500;
    }
#header {
    display: flex;
    align-items: center;
    justify-content: center;
    padding: 5px 30px;
    z-index: 999;
    position: sticky;
    top: 0;
    left: 0;

}
body{
    background-color: pink;
    background-image: url("/static/image.jpeg");
    height: 90vh;
    width: 100%;
    background-size: cover;
    background-position: top 25% right 0;
}

</style>
<body>
    <section id="header">
        <div class="main">
            <div class="navbar">
                <div class="icon">
                    <h2 class="logo">FASHOINS</h2>

```

</div>

<div class="menu">

HOME

ADMIN

</div>

<div class="search">

<input class="srch" type="search" name="" placeholder="Type to search">

<button class="btn">Search</button>

<button class="reg" type='submit'>LOGIN</button>

</div>

</div>

</section>

<div class="content">

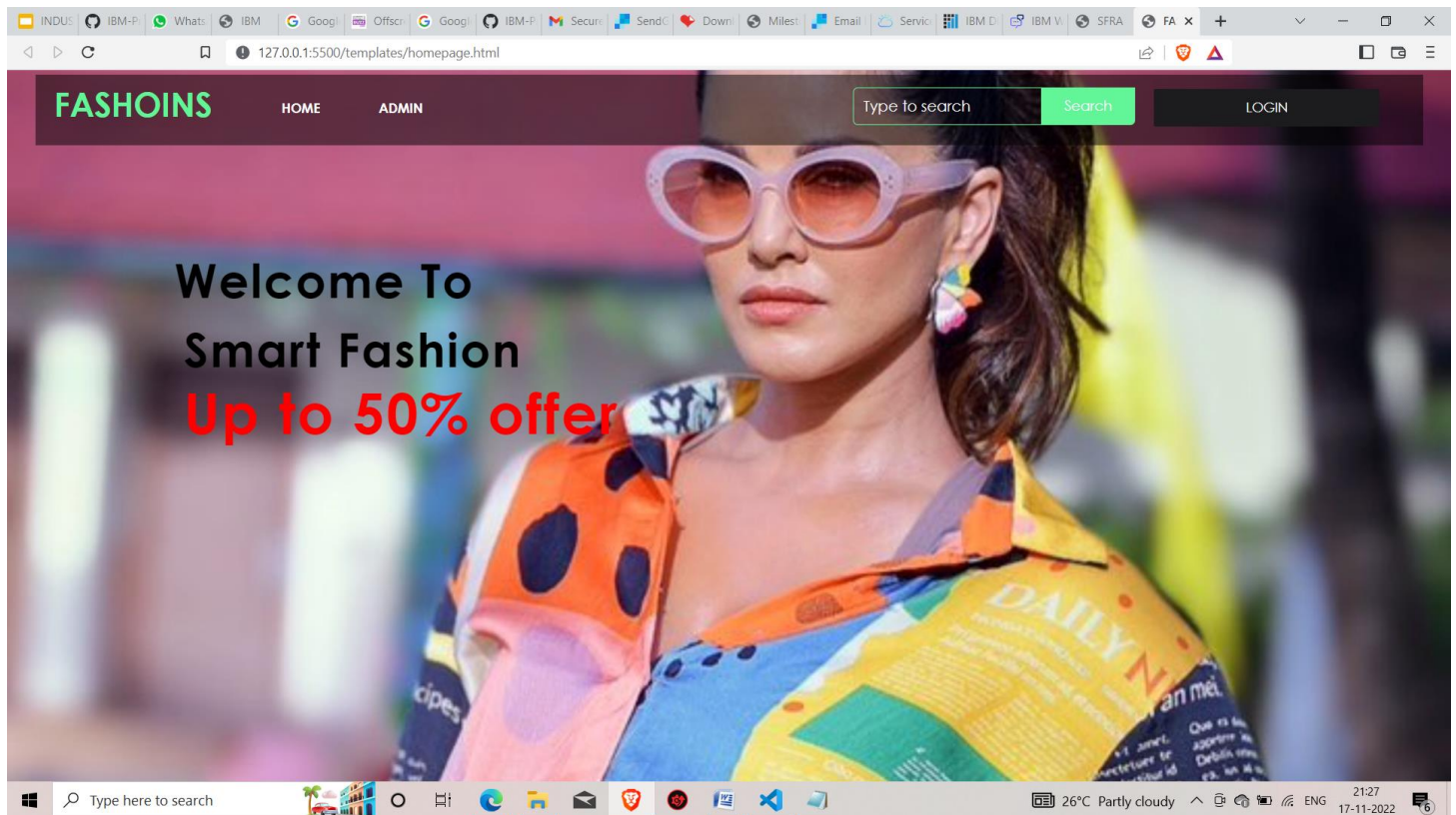
<h5 class="leo">Welcome To </h5>

<h1> Smart Fashion
Up to 50% offer</h1>

</div>

</body>

</html>



FEATURE 2:

home1.html:

```
<!DOCTYPE html>

<html>
<head>
  <title> SFRA </title>
  <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.15.4/css/all.css">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css">
  <link rel="stylesheet" href="https://unpkg.com/swiper/swiper-bundle.min.css" />

  <link rel="stylesheet" href="/static/style.css">
  <script>
    window.watsonAssistantChatOptions = {
      integrationID: "aaaf7abf-17ba-428c-9a28-5efeac60506d", // The ID of this integration.
      region: "au-syd", // The region your integration is hosted in.
      serviceInstanceID: "76aac77a-9dd4-4f60-b169-6fecece3d4b1", // 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>

</head>

<body>
  <section id="header">
    <div class="main">
      <div class="navbar">
        <div class="icon">
          <h2 class="logo">FASHIONS</h2>
        </div>

        <div class="menu">
          <ul>
            <li> <div id="menu-bar" class="fas fa-bars"></div> </li>
            <li><a href="/home1">HOME</a></li>
            <li><a href="/cart">SHOP</a></li>
            <li><a href="#">ORDERS</a></li>
            <li><a href="#">ABOUT</a></li>
            <li> <h1><a href="/add"><i class=" fa fa-shopping-cart"></i></a></h1> </li>

          </ul>
        </div>

        <div class="search">
```

```

        <input class="srch" type="search" name="" placeholder="Type to search">
        <a href="/registertemp"><button class="btn">Search</button></a>
        <a href="/profile"><button class="reg" type='submit'>My account</button></a>
    </div>

```

```

</div>
</section>
<section class="category">

```

```

<div class="box-container">

```

```

    <div class="box">
        
        <div class="content">
            <span>upto 50% off</span>
            <h3>for womans</h3>
            <a href="/cart" class="btn">shop now</a>
        </div>
    </div>

```

```

    <div class="box">
        
        <div class="content">
            <span>upto 50% off</span>
            <h3>for mans</h3>
            <a href="/cart" class="btn">shop now</a>
        </div>
    </div>

```

```

</div>

```

```

</section>
<section id="product1" class="section-p1">
    <h2>Featured products</h2>
    <p>Summer collection New Morden Design</p>
    <div class="pro-container">
        <div class="pro">
            
            <div class="des">
                <span>adidas</span>
                <h5>Cartoon Astronaut T-shirts</h5>
                <div class="star">
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                </div>
                <h4>$78</h4>
            </div>

```

```

<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">

<div class="des">
<span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
</div>
<h4>RS78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">

<div class="des">
<span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">

<div class="des">
<span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">


```

```

<div class="des">
  <span>adidas</span>
  <h5>Cartoon Astronaut T-shirts</h5>
  <div class="star">
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
  </div>
  <h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">
  
  <div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <h4>RS 78</h4>
  </div>
  <a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">
  
  <div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <h4>RS 78</h4>
  </div>
  <a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">
  
  <div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">

```

```

        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
    </div>
    <h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
</div>
</section>

```

```

<section id="product1" class="section-p1">
    <h2>New Arrivals</h2>
    <p>Summer collection New Morden Design</p>
    <div class="pro-container">
        <div class="pro">
            
            <div class="des">
                <span>adidas</span>
                <h5>Cartoon Astronaut T-shirts</h5>
                <div class="star">
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                </div>
                <h4>RS 78</h4>
            </div>
            <a href="#"><i class="fal fa-shopping-cart cart"></i></a>
        </div>
        <div class="pro">
            
            <div class="des">
                <span>adidas</span>
                <h5>Cartoon Astronaut T-shirts</h5>
                <div class="star">
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                </div>
                <h4>RS 78</h4>
            </div>
            <a href="#"><i class="fal fa-shopping-cart cart"></i></a>
        </div>
        <div class="pro">
            

```



```

<div class="des">
  <span>adidas</span>
  <h5>Cartoon Astronaut T-shirts</h5>
  <div class="star">
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
  </div>
  <h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">
  
  <div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <h4>RS 78</h4>
  </div>
  <a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">
  
  <div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <h4>RS 78</h4>
  </div>
  <a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">
  
  <div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">

```

```

    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
  </div>
  <h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">
  
  <div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <h4>RS 78</h4>
  </div>
  <a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">
  
  <div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <h4>RS 78</h4>
  </div>
  <a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
</div>

```

```

<div class="foot">

```

```

  <h1> ABOUT US </h1>

```

```

  <p>We are maximisers. We're out on our own journeys to maximise - <br>
  be the best at what we choose and care about the most - whether it be <br>
  our impact, voice, potential, ideas, influence, well-being or more. <br>
  Because when we maximise ourselves in our inclusive teams,our site <br>
  is able to deliver the best imaginable value for our customers, <br>

```

stakeholders and the planet!</p>

<footer>

<h1>Contact</h1>

Phone : +919876543214

Email : Fashion@gmail.com

Address :N0:6 , Vivekananthar theru,
 Dubai kurukkusanthu,
Dubai main road ,

Dubai

</footer>

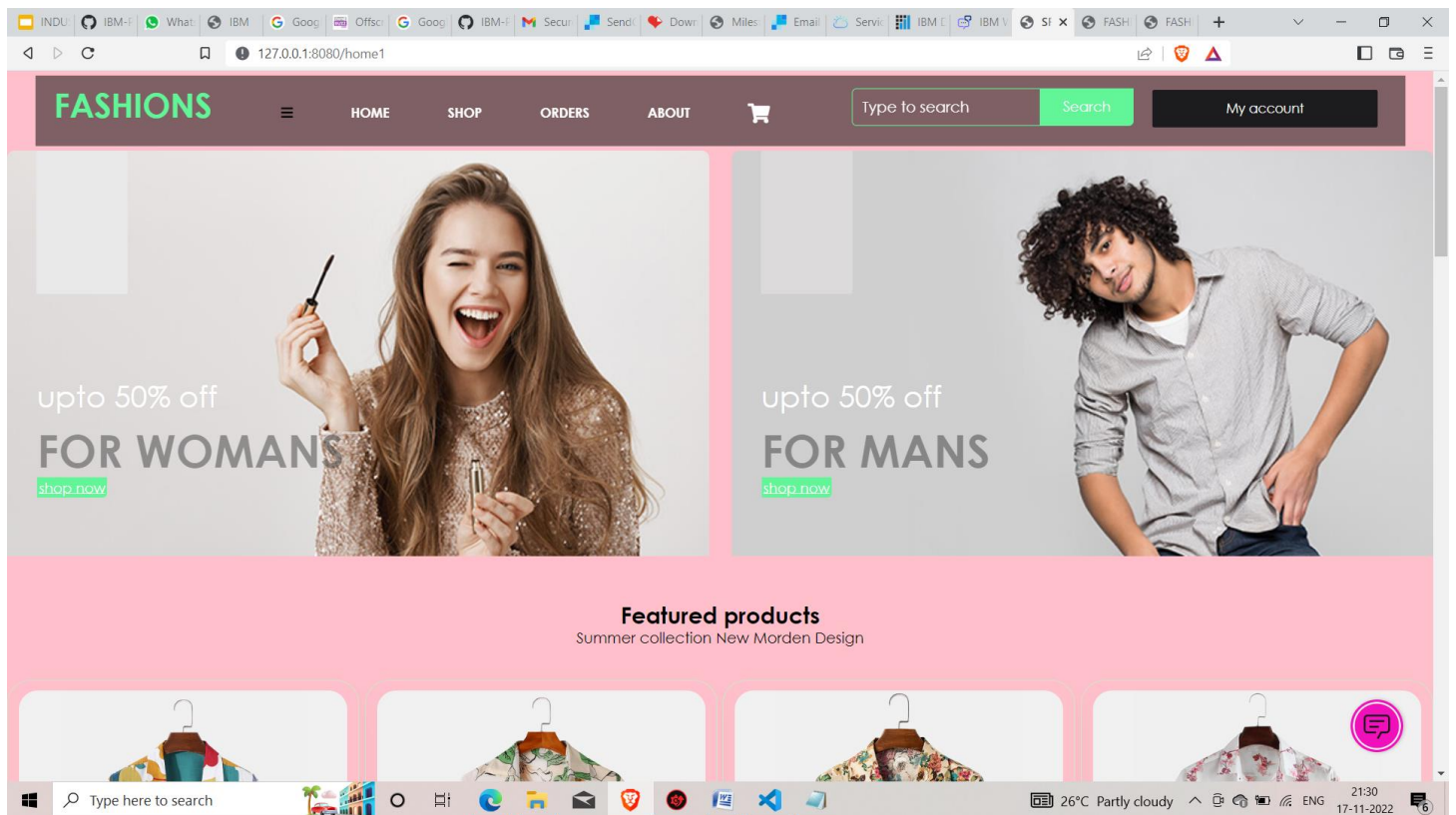
</div>

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

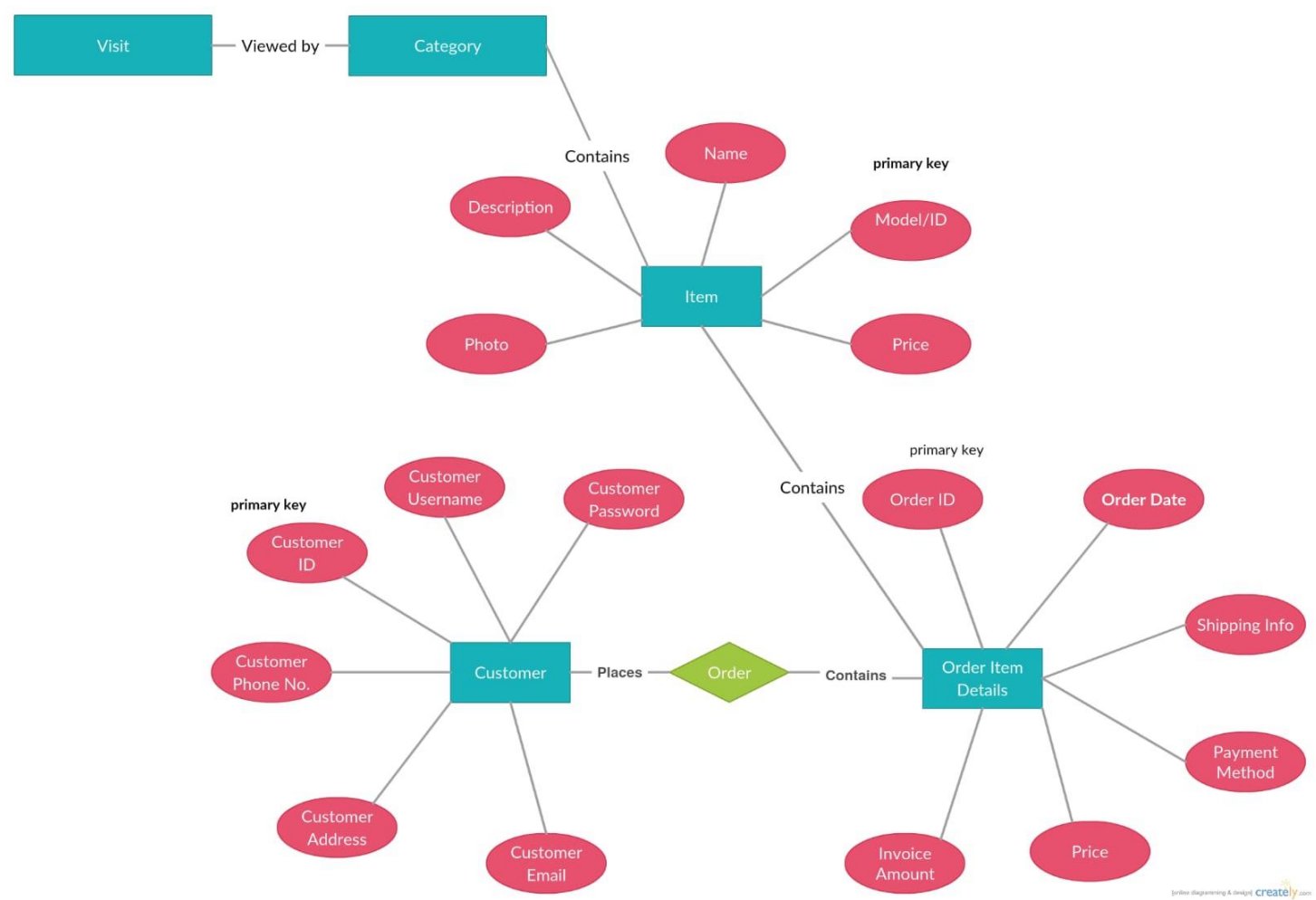
</body>

</html>

<!-- products section starts -->



DATABASE SCHEMA:



7. TESTING

TEST CASES FOR ADMIN PANEL:

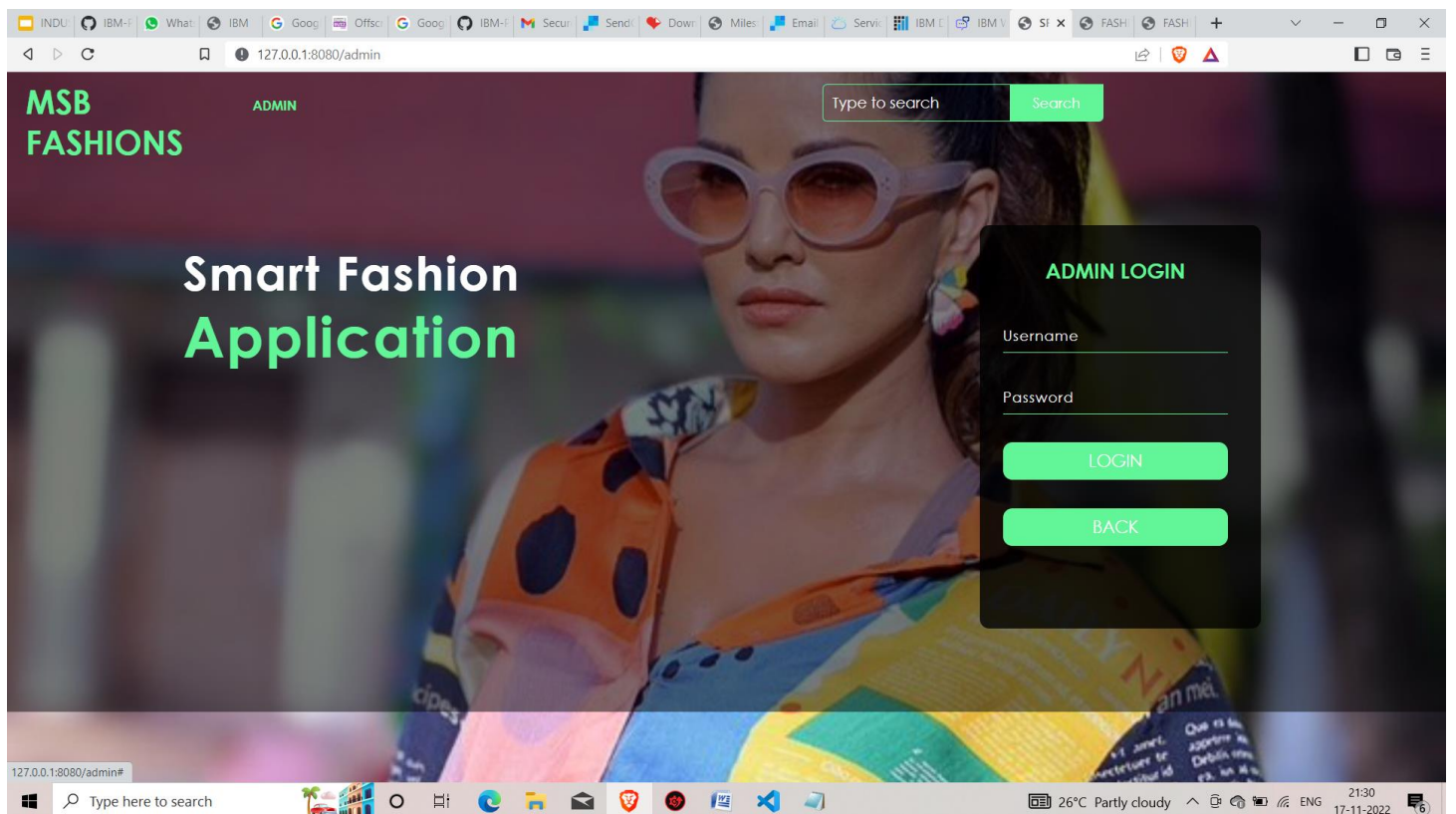
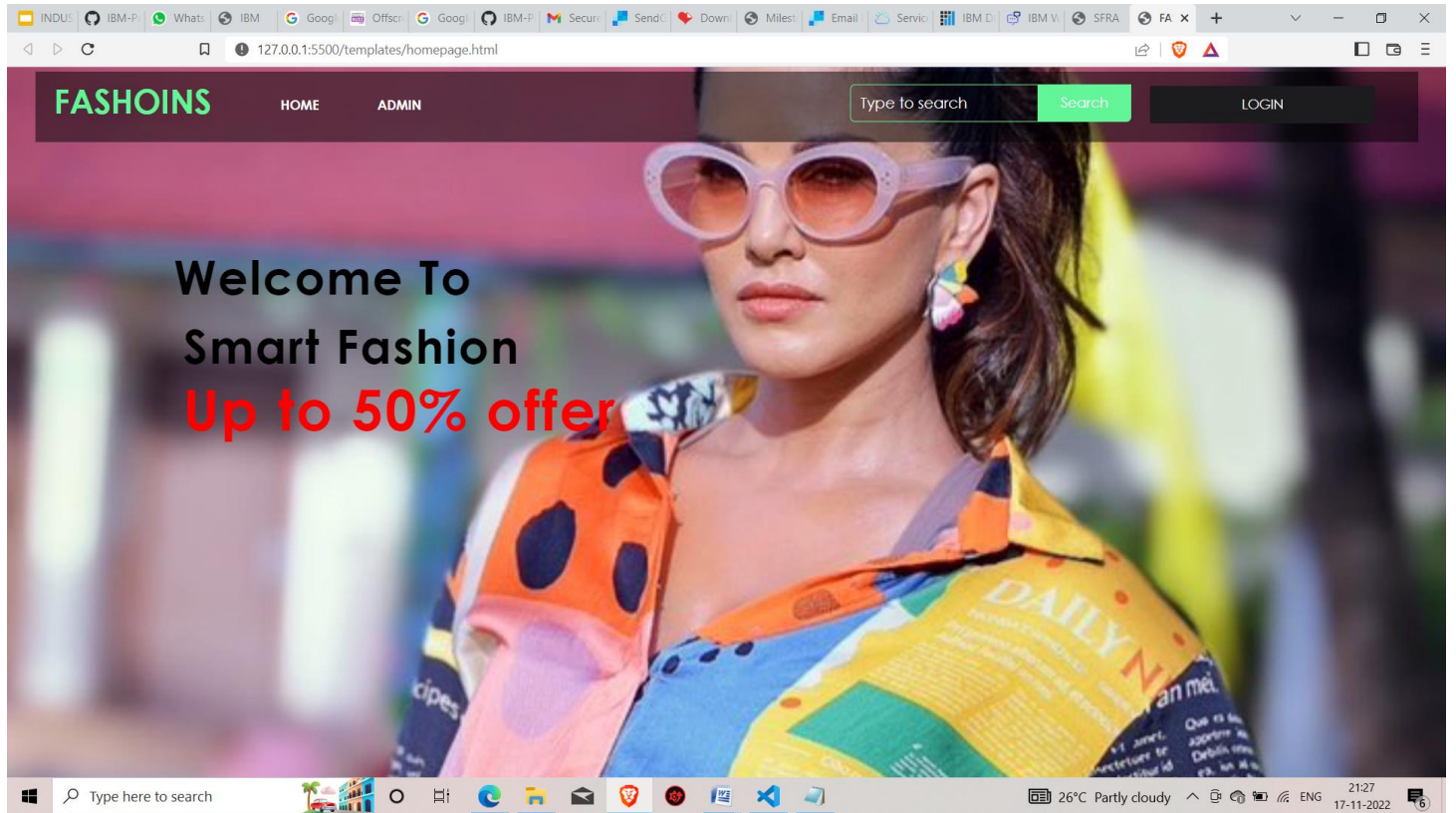
S.NO	INPUT	EXPECTED OUTPUT	GENERATED OUTPUT	RESULT
1.	Admin details	Admin can login	Admin can login	PASS
2.	Add product details	Admin can add products	Admin can add products	PASS
3.	Product list	list the products	list the products	PASS

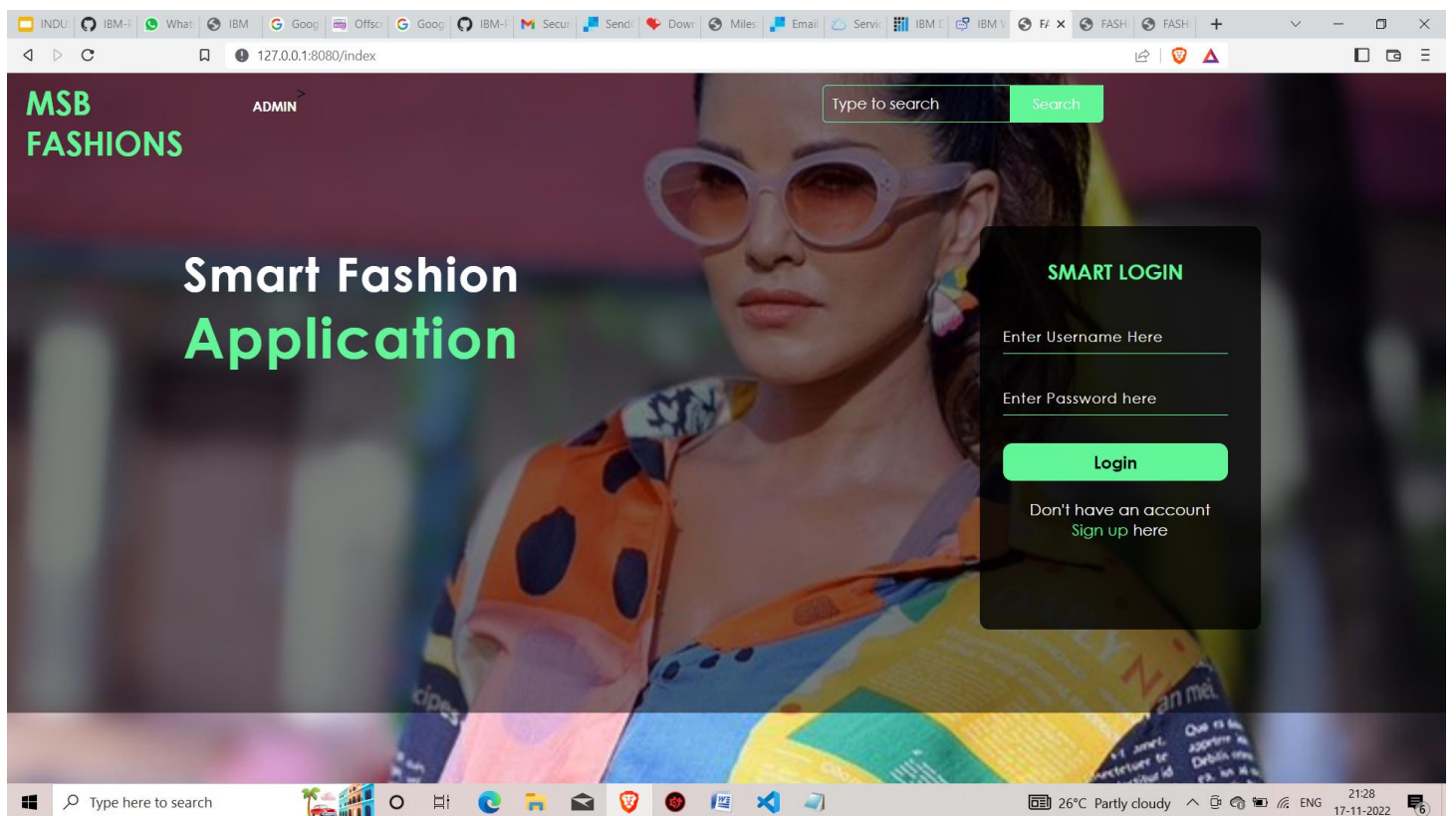
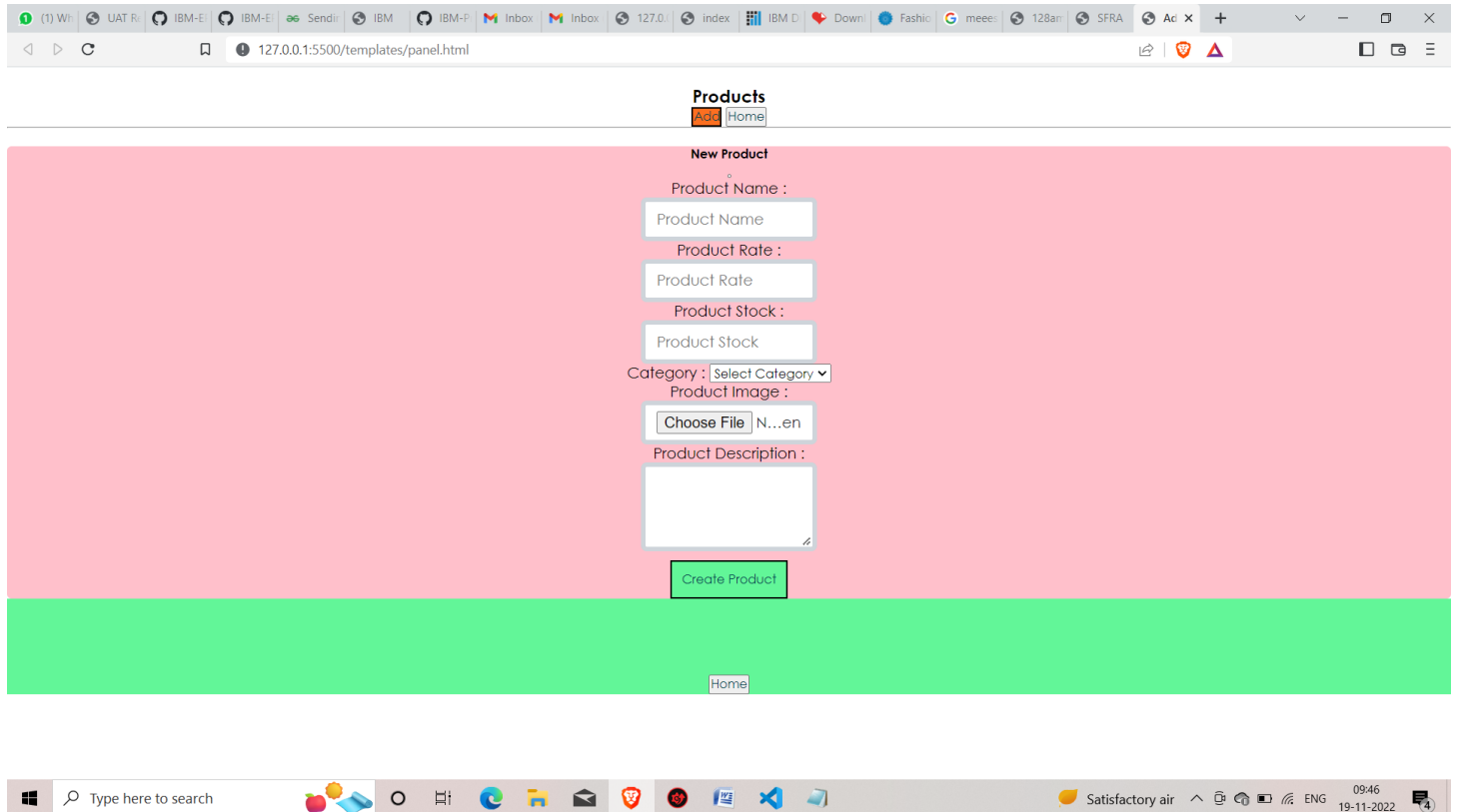
TEST CASES FOR USER PANEL:

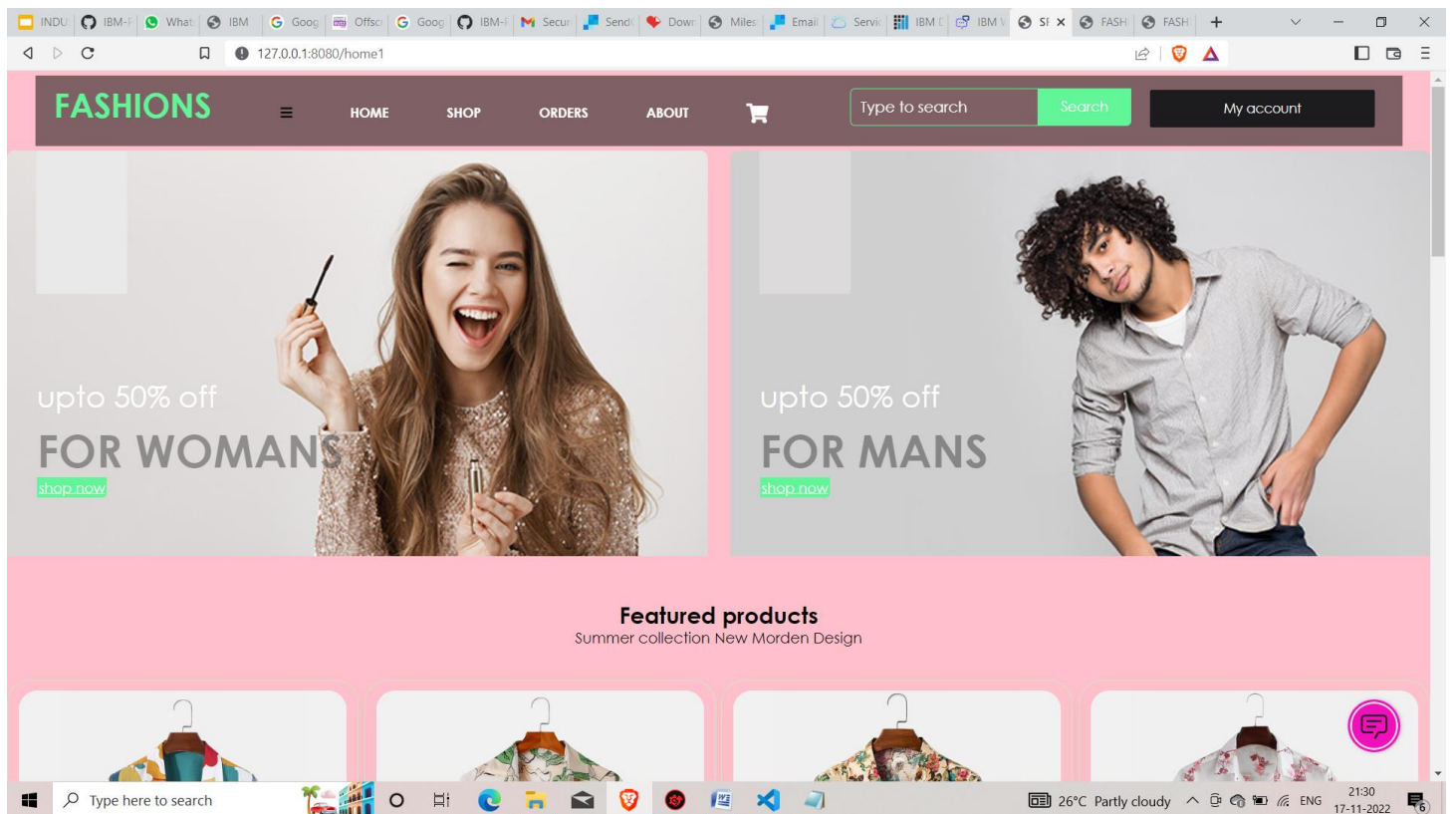
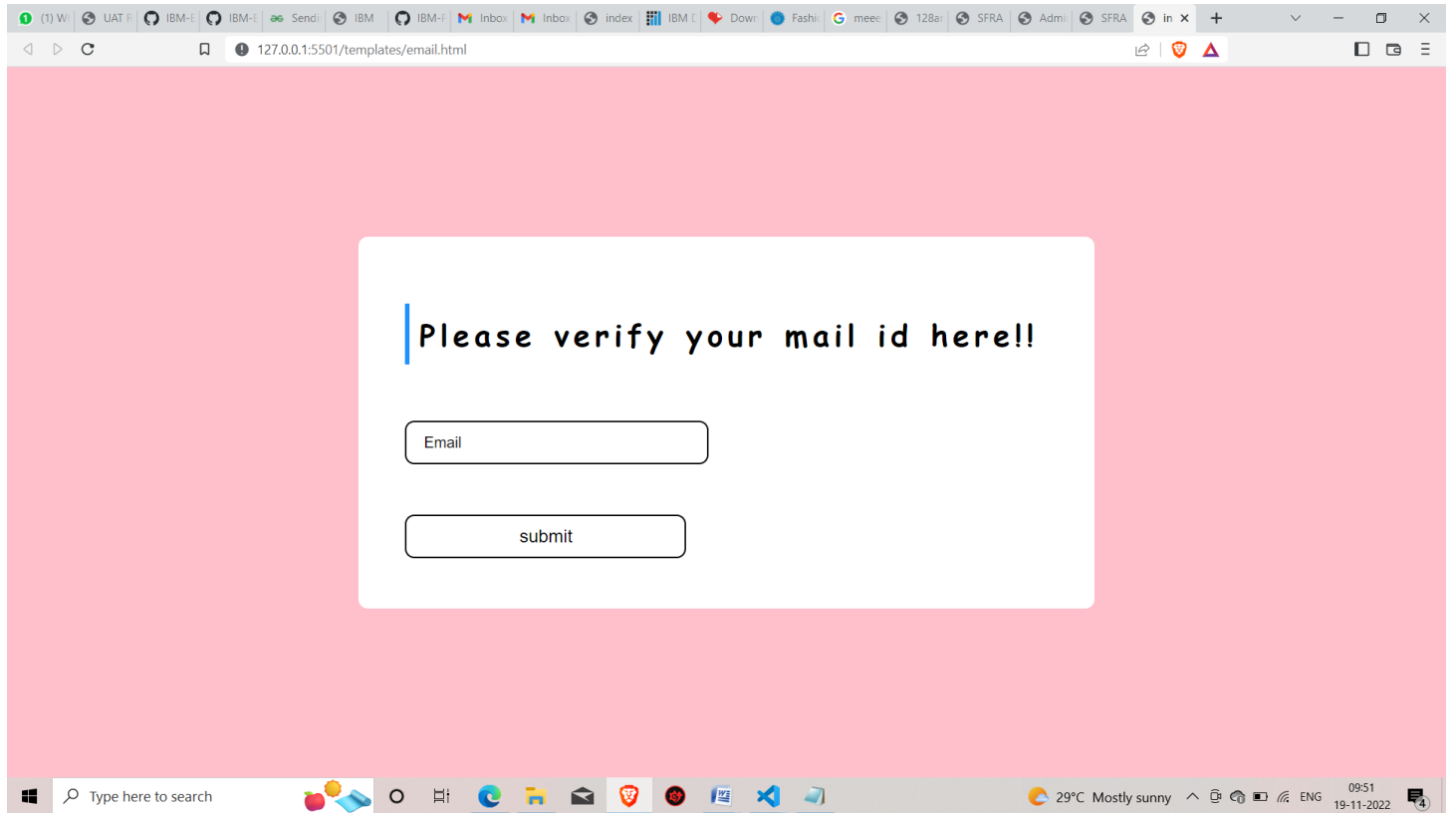
S.NO	INPUT	EXPECTED OUTPUT	GENERATED OUTPUT	RESULT
1.	User details	User can register	user can register	PASS
2.	User details	User can login	User can login	PASS
3.	User verification	User verified	User verified	PASS
4.	Add to cart and orders	Products added to the cart	Products added to the cart	PASS

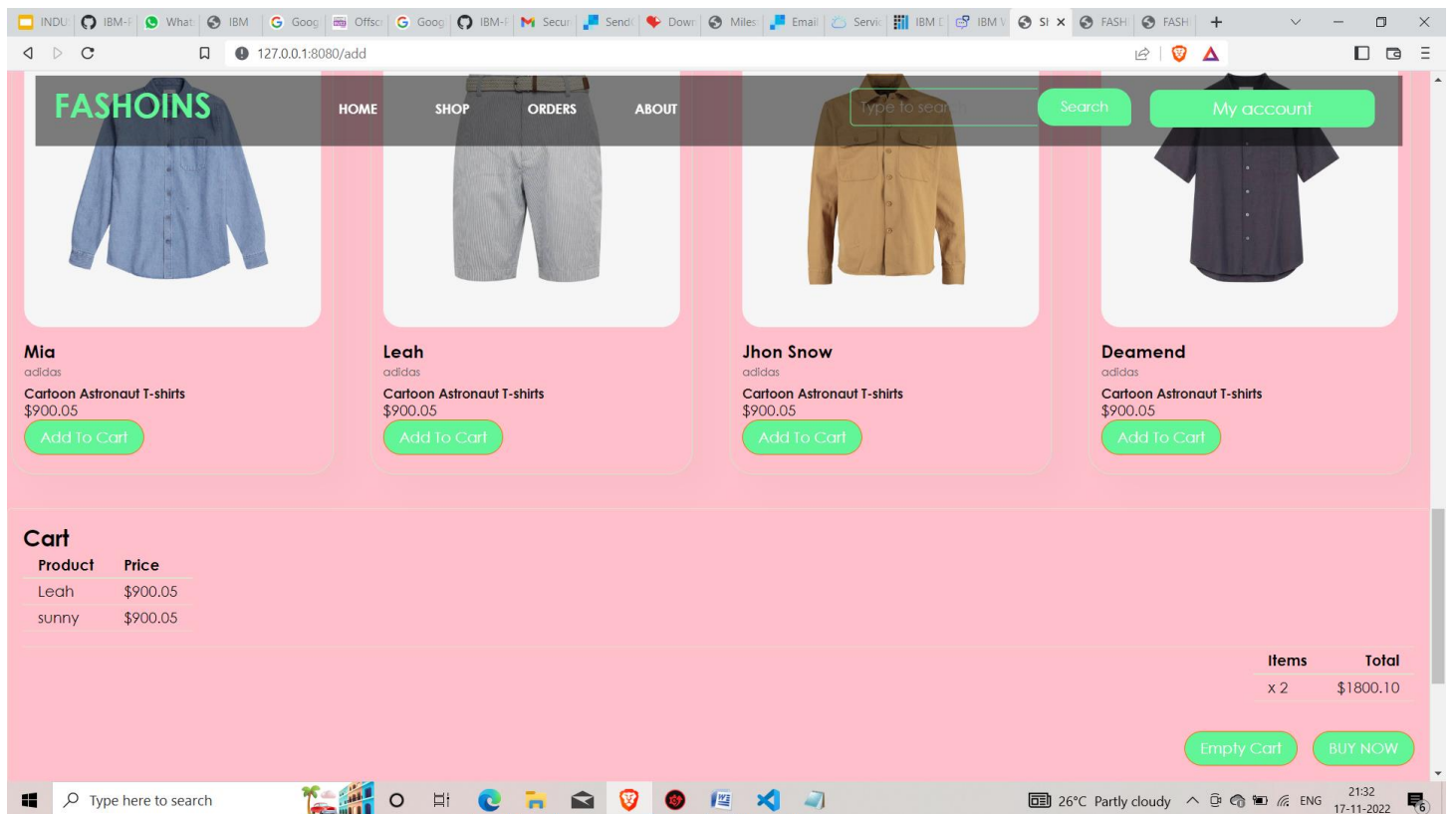
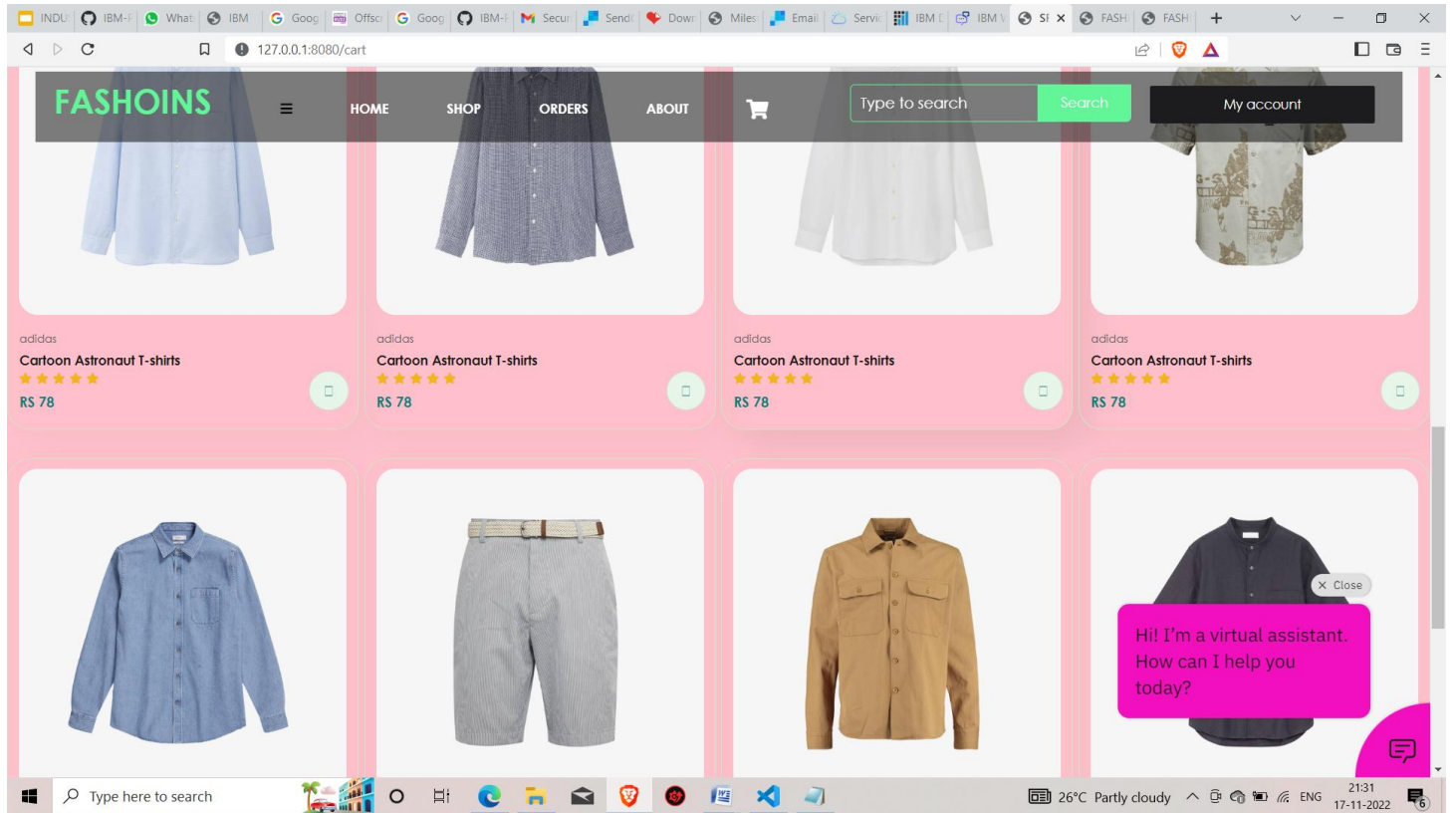
TEST CASES FOR CHATBOT:

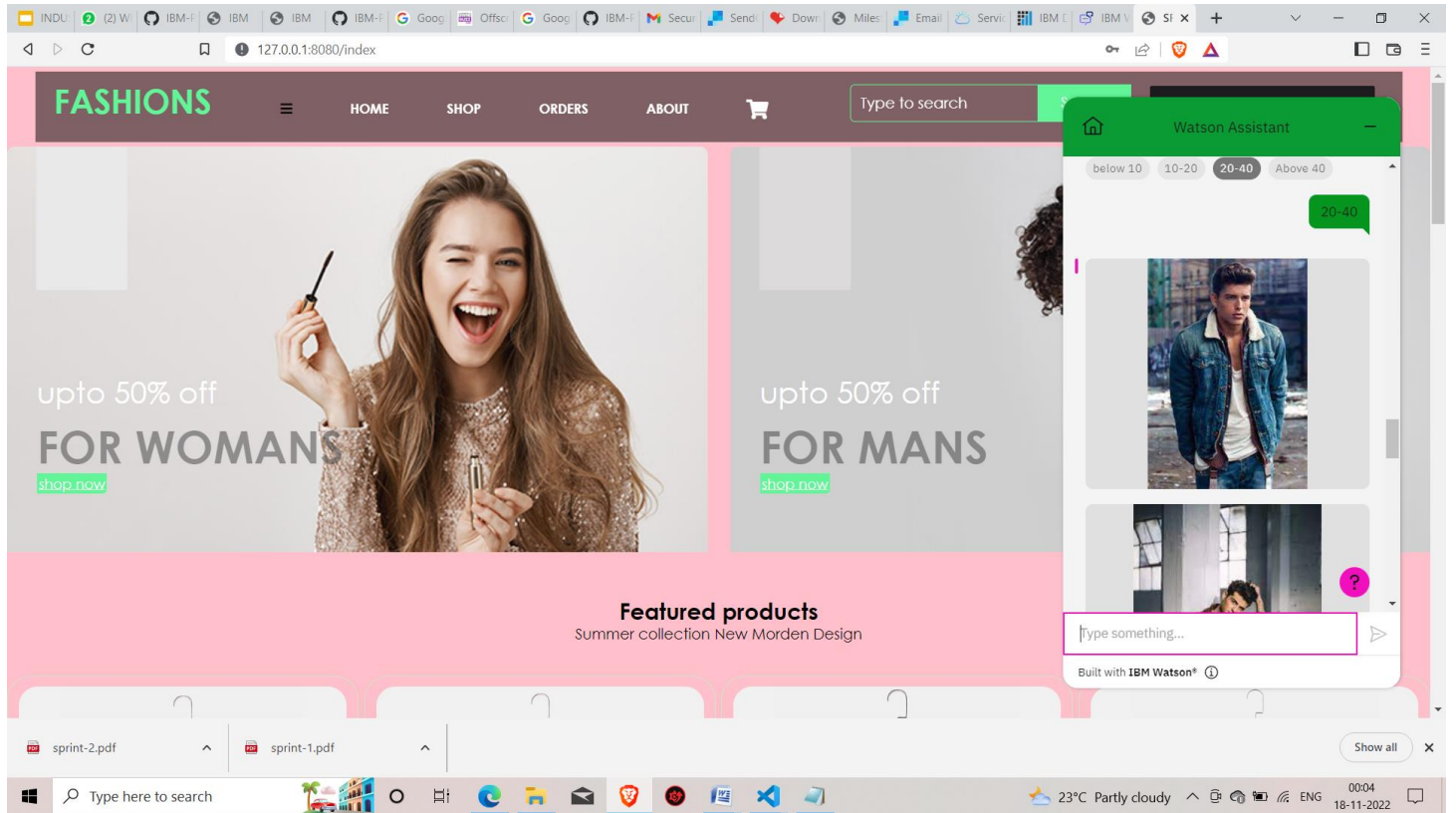
S.NO	INPUT	EXPECTED OUTPUT	GENERATED OUTPUT	RESULT
1.	Automatic product search based on user information	Automatic product search	Automatic product search	PASS
2.	Product recommend based on user details	Recommended products	Recommended products	PASS











USER ACCEPTANCE TESTNG

SECTION	TOTAL CASES	NOT TESTED	FAIL	PASS
Admin login	2	0	0	2
User register	3	0	0	3
User login	2	0	0	2
Homepage	1	0	0	1
Product list	1	0	0	1
Product add to cart	1	0	0	1
Recommend the product	1	0	0	1

8. RESULTS

PERFORMANCE METRICS:

The performance of a recommendation algorithm is evaluated by using some specific metrics that indicate the accuracy of the system. The type of metric used depends on the type of filtering technique. Root Mean Square Error (RMSE), Receiver Operating Characteristics (ROC), Area Under Cover (AUC), Precision, Recall and F1 score is generally used to evaluate the performance or accuracy of the recommendation algorithms.

Root-mean square error (RMSE). RMSE is widely used in evaluating and comparing the performance of a recommendation system model compared to other models. A lower RMSE value indicates higher performance by the recommendation model. RMSE, as mentioned by, can be as represented as follows:

$$RMSE = \sqrt{\frac{1}{N_p} \sum_{u,i} (p_{ui} - r_{ui})^2} \quad (1)$$

where, N_p is the total number of predictions, p_{ui} is the predicted rating that a user u will select an item i and r_{ui} is the real rating.

Precision. Precision can be defined as the fraction of correct recommendations or predictions (known as True Positive) to the total number of recommendations provided, which can be as represented as follows:

$$Precision = \frac{True\ Positive\ (TP)}{True\ Positive\ (TP) + False\ Positive\ (FP)} \quad (2)$$

It is also defined as the ratio of the number of relevant recommended items to the number of recommended items expressed as percentages.

Recall. Recall can be defined as the fraction of correct recommendations or predictions (known as True Positive) to the total number of correct relevant recommendations provided, which can be as represented as follows:

$$Recall = \frac{True\ Positive\ (TP)}{True\ Positive\ (TP) + False\ Negative\ (FN)} \quad (3)$$

It is also defined as the ratio of the number of relevant recommended items to the total number of relevant items expressed as percentages.

F1 Score. F1 score is an indicator of the accuracy of the model and ranges from 0 to 1, where a value close to 1 represents higher recommendation or prediction accuracy. It represents precision and recall as a single metric and can be as represented as follows:

$$F1\ score = 2 \times \frac{Precision * Recall}{Precision + Recall} \quad (4)$$

Coverage. Coverage is used to measure the percentage of items which are recommended by the algorithm among all of the items.

Accuracy. Accuracy can be defined as the ratio of the number of total correct recommendations to the total recommendations provided.

9. ADVANTAGES & DISADVANTAGES

ADVANTAGES:

- Smart fashion recommender application is the user friendly.
- With the help of chatbot user can find the products very easily.
- This application used to discover the product based on the user's choice, very easily and quickly.

DISADVANTAGES:

- It needs active internet connection.
- Privacy concerns.

10. CONCLUSION

The Fashion Recommendation System is mainly used to recommend the best possible outfit combinations to a user who has no fashion sense based on their wardrobe . Also another reason is that fashion is highly dependent on the time period. However the system does a great job in inculcating a fashion sense among the users and can provide the best recommendations based on the user's wardrobe. Since the system is implemented as a website, it is very easy for the end users to access as well as use. The scope of this system can be expanded by including the ability to detect the various design and patterns on clothing, and to increase the number of occasions.

11. FUTURE SCOPE

In the future, to implement this recommendation system to be extended to include male and non-binary fashion items including apparel, footwear, accessories etc. This work can further be enhanced to predict fashion items based on the skin colour and weather conditions.

.

12. APPENDIX

SOURCE CODE:

homepage.html

```
<head>
  <title> SFRA </title>
  <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.15.4/css/all.css">

</head>
<style>
  *{
margin: 0;
padding: 0;
font-family:"Century Gothic", CenturyGothic, AppleGothic, sans-serif;

}
.main{
width: 100%;
background: linear-gradient(to top, rgba(0,0,0,0.5),rgba(0,0,0,0.5)50%);
background-position: center;
background-size: cover;
height: 100%;
font-family:"Century Gothic", CenturyGothic, AppleGothic, sans-serif;

}

.navbar{
width: 100%;
height: 75px;
margin: auto;
}

.icon{
width: 200px;
float: left;
height: 70px;
}

.logo{
color:rgb(98, 246, 152);
font-size: 35px;

padding-left: 20px;
float: left;
padding-top: 10px;
```

```
}
```

```
.menu{  
  width: 400px;  
  float: left;  
  height: 70px;  
}
```

```
ul{  
  float: left;  
  display: flex;  
  justify-content: center;  
  align-items: center;  
}
```

```
ul li{  
  list-style: none;  
  margin-left: 62px;  
  margin-top: 27px;  
  font-size: 14px;  
}
```

```
ul li a{  
  text-decoration: none;  
  color: #ffff;  
  
  font-weight: bold;  
  transition: 0.4s ease-in-out;  
}
```

```
ul li a:hover{  
  color: rgb(98, 246, 152);  
}
```

```
.search{  
  width: 330px;  
  float: left;  
  margin-left: 270px;  
}
```

```
.srch{  
  
  width: 200px;  
  height: 40px;  
  background: transparent;  
  border: 1px solid rgb(98, 246, 152);  
  margin-top: 13px;  
  color: #ffff;  
  border-right: none;  
  font-size: 16px;  
  float: left;
```



```

padding: 10px;
border-bottom-left-radius: 5px;
border-top-left-radius: 5px;
}

.btn{
width: 100px;
height: 40px;
background:rgb(98, 246, 152) ;
border: 2px solid rgb(98, 246, 152);
margin-top: 13px;
color: #ffff;
font-size: 15px;
border-bottom-right-radius: 5px;
border-bottom-right-radius: 5px;
}

.btn:focus{
outline: none;
}

.srch:focus{
outline: none;
}

.content{
width: 1200px;
height: auto;
margin: auto;
color: #ffff;
position: relative;
}

.content.par{
padding-left: 20px;
padding-bottom: 25px;

letter-spacing: 1.2px;
line-height: 30px;
}

.content h1{

font-size: 50px;
padding-left: 20px;
margin-top: 1%;
letter-spacing: 2px;
color: black;
}

.content h5{

```

```
font-size: 50px;
padding-left: 10px;
margin-top: 9%;
letter-spacing: 2px;
color: black;
}
```

```
.content .cn{
width: 160px;
height: 40px;
background: rgb(98, 246, 152);
border: none;
margin-bottom: 10px;
margin-left: 20px;
font-size: 18px;
border-radius: 10px;
cursor: pointer;
transition: .4s ease;
}
```

```
.content .cn a{
text-decoration: none;
color: #000;
transition: .3s ease;
}
```

```
.cn:hover{
background-color: #fff;
}
```

```
.content span{
color:red;
font-size: 60px;
}
```

```
.form{
width: 250px;
height: 380px;
background: linear-gradient(to top,rgba(0,0,0,0.8)50%,rgba(0,0,0,0.8)50%);
position: absolute;
top: -20px;
left: 870px;
border-radius: 10px;
padding: 25px;
}
```

```
.form h2{
width: 220px;
```

```

text-align: center;
color: green;
font-size: 22px;

border-radius: 10px;
margin: 2px;
padding: 8px;
}

.form input{
width: 240px;
height: 35px;
background: transparent;
}

.form input{
width: 240px;
height: 35px;
background: transparent;
border-bottom: 1px solid rgb(98, 246, 152);
border-top: none;
border-right: none;
border-left: none;
color: #fff;
font-size: 15px;
letter-spacing: 1px;
margin-top: 30px;
}

.form input:focus{
outline: none;
}

::placeholder{
color: #fff;
}

.reg{
position: fixed;

width: 240px;
height: 40px;
background: rgb(98, 246, 152);
border: none;
margin-top: 15px;
margin-left: 20px;
border-radius: 10px;
font-size: 18px;
border-radius: 10px;

```

```

    cursor: pointer;
    color: #fff;
    transition: 0.4s ease;
}

.btnn:hover{
    background: #fff;
    color: rgb(98, 246, 152);
}

.btnn a{
    text-decoration: none;
    color: #000;
    font-weight: bold;
}

.form .link{

    font-size: 17px;
    padding-top: 20px;
    text-align: center;
}

.form .link a{
    text-decoration: none;
    color: rgb(98, 246, 152);
}

.liw{
    padding-top: 15px;
    padding-bottom: 10px;
    text-align: center;
}

.reg{
    color: white;
    background-color: #1c1c1e;
    border: none;
    outline: none;
    border-radius: 2px;
    font-size: 14px;
    padding: 5px 12px;
    font-weight: 500;
}

#header {
    display: flex;
    align-items: center;
    justify-content: center;
    padding: 5px 30px;
    z-index: 999;
    position: sticky;
    top: 0;

```

```

left: 0;

}
body{
background-color: pink;
background-image: url("/static/image.jpeg");
height: 90vh;
width: 100%;
background-size: cover;
background-position: top 25% right 0;
}

</style>
<body>
  <section id="header">
    <div class="main">
      <div class="navbar">
        <div class="icon">
          <h2 class="logo">FASHOINS</h2>
        </div>

        <div class="menu">
          <ul>
            <li><a href="/">HOME</a></li>
            <li><a href="/admin">ADMIN</a></li>

            </ul>
          </div>

          <div class="search">
            <input class="srch" type="search" name="" placeholder="Type to search">
            <a href="/registertemp"><button class="btn">Search</button></a>
            <a href="/index"><button class="reg" type='submit'>LOGIN</button></a>
          </div>

        </div>
      </section>
      <div class="content">
        <h5 class="leo">Welcome To </h5>
        <h1> Smart Fashion <br><span>Up to 50% offer</span></h1>

      </div>

    </body>
  </html>

```

index.html

```
<html>
  <head>
    <title> SFRA </title>
    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.15.4/css/all.css">

  </head>
  <style>
    *{
      margin: 0;
      padding: 0;
      font-family:"Century Gothic", CenturyGothic, AppleGothic, sans-serif;

    }
    .main{
      width: 100%;
      background: linear-gradient(to top, rgba(0,0,0,0.5),rgba(0,0,0,0.5)50%);
      background-position: center;
      background-size: cover;
      height: 100%;
      font-family:"Century Gothic", CenturyGothic, AppleGothic, sans-serif;

    }

    .navbar{
      width: 100%;
      height: 75px;
      margin: auto;
    }

    .icon{
      width: 200px;
      float: left;
      height: 70px;
    }

    .logo{
      color:rgb(98, 246, 152);
      font-size: 35px;

      padding-left: 20px;
      float: left;
      padding-top: 10px;
    }

    .menu{
      width: 400px;
      float: left;
      height: 70px;
```

```

}

ul{
  float: left;
  display: flex;
  justify-content: center;
  align-items: center;
}

ul li{
  list-style: none;
  margin-left: 62px;
  margin-top: 27px;
  font-size: 14px;
}

ul li a{
  text-decoration: none;
  color: #ffff;

  font-weight: bold;
  transition: 0.4s ease-in-out;
}

ul li a:hover{
  color: rgb(98, 246, 152);
}

.search{
  width: 330px;
  float: left;
  margin-left: 270px;
}

.srch{

  width: 200px;
  height: 40px;
  background: transparent;
  border: 1px solid rgb(98, 246, 152);
  margin-top: 13px;
  color: #ffff;
  border-right: none;
  font-size: 16px;
  float: left;
  padding: 10px;
  border-bottom-left-radius: 5px;
  border-top-left-radius: 5px;
}

.btn{

```

```

width: 100px;
height: 40px;
background:rgb(98, 246, 152) ;
border: 2px solid rgb(98, 246, 152);
margin-top: 13px;
color: #ffff;
font-size: 15px;
border-bottom-right-radius: 5px;
border-bottom-right-radius: 5px;
}

```

```

.btn:focus{
outline: none;
}

```

```

.srch:focus{
outline: none;
}

```

```

.content{
width: 1200px;
height: auto;
margin: auto;
color: #ffff;
position: relative;
}

```

```

.content.par{
padding-left: 20px;
padding-bottom: 25px;

letter-spacing: 1.2px;
line-height: 30px;
}

```

```

.content h1{

font-size: 50px;
padding-left: 20px;
margin-top: 9%;
letter-spacing: 2px;
}

```

```

.content .cn{
width: 160px;
height: 40px;
background: rgb(98, 246, 152);
border: none;
margin-bottom: 10px;
margin-left: 20px;
font-size: 18px;
}

```



```

border-radius: 10px;
cursor: pointer;
transition: .4s ease;
}

.content .cn a{
text-decoration: none;
color: #000;
transition: .3s ease;
}

.cn:hover{
background-color: #fff;
}

.content span{
color:rgb(98, 246, 152);
font-size: 60px;
}

.form{
width: 250px;
height: 380px;
background: linear-gradient(to top,rgba(0,0,0,0.8)50%,rgba(0,0,0,0.8)50%);
position: absolute;
top: -20px;
left: 870px;
border-radius: 10px;
padding: 25px;
}

.form h2{
width: 220px;

text-align: center;
color:rgb(98, 246, 152);
font-size: 22px;

border-radius: 10px;
margin: 2px;
padding: 8px;
}

.form input{
width: 240px;
height: 35px;
background: transparent;
}

.form input{
width: 240px;

```

```

height: 35px;
background: transparent;
border-bottom: 1px solid rgb(98, 246, 152);
border-top: none;
border-right: none;
border-left: none;
color: #fff;
font-size: 15px;
letter-spacing: 1px;
margin-top: 30px;
}

.form input:focus{
  outline: none;
}

::placeholder{
  color: #fff;
}

.btnn{
  width: 240px;
  height: 40px;
  background: rgb(98, 246, 152);
  border: none;
  margin-top: 30px;
  font-size: 18px;
  border-radius: 10px;
  cursor: pointer;
  color: #fff;
  transition: 0.4s ease;
}

.btnn:hover{
  background: #fff;
  color: rgb(98, 246, 152);
}

.btnn a{
  text-decoration: none;
  color: #000;
  font-weight: bold;
}

.form .link{

  font-size: 17px;
  padding-top: 20px;
  text-align: center;

```

```

}

.form .link a{
  text-decoration: none;
  color: rgb(98, 246, 152);
}

.liw{
  padding-top: 15px;
  padding-bottom: 10px;
  text-align: center;
}
body{
  background-color: pink;
  background-image: url("/static/image.jpeg");
  height: 90vh;
  width: 100%;
  background-size: cover;
  background-position: top 25% right 0;
}

</style>

<body>

<div class="main">
  <div class="navbar">
    <div class="icon">
      <h2 class="logo">MSB FASHIONS</h2>
    </div>

    <div class="menu">
      <ul>

        <li><a href="/admin">ADMIN</a></li>

      >

    </ul>
  </div>

  <div class="search">
    <input class="srch" type="search" name="" placeholder="Type to search">
    <a href="#"><button class="btn">Search</button></a>
  </div>

</div>

<div class="content">
  <h1>Smart Fashion <br><span>Application</span></h1>

```

```

<div class="form">
  <form action="{ { url_for('login') } }" method="post">
    <div class="msg">{ { msg } }</div>
    <h2>SMART LOGIN</h2>
    <form action="/Login" method="post">
      <input type="text" name="username" placeholder="Enter Username Here">
      <input type="password" name="password" placeholder="Enter Password here">
      <button type="submit" class="btnn"><a href="home1.html">Login</a></button>

      <p class="link">Don't have an account<br>
      <a href="/reg">Sign up </a> here</a></p>

    </form>

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

```

Admin.html

```

<html>
  <head>
    <title> SFRA </title>
    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.15.4/css/all.css">

  </head>
  <style>
    *{
      margin: 0;
      padding: 0;
      font-family:"Century Gothic", CenturyGothic, AppleGothic, sans-serif;

    }
    .main{
      width: 100%;
      background: linear-gradient(to top, rgba(0,0,0,0.5),rgba(0,0,0,0.5)50%);
      background-position: center;
      background-size: cover;
      height: 100%;
      font-family:"Century Gothic", CenturyGothic, AppleGothic, sans-serif;

    }

    .navbar{
      width: 100%;
      height: 75px;

```

```

    margin: auto;
}

.icon{
    width: 200px;
    float: left;
    height: 70px;
}

.logo{
    color:rgb(98, 246, 152);
    font-size: 35px;

    padding-left: 20px;
    float: left;
    padding-top: 10px;
}

.menu{
    width: 400px;
    float: left;
    height: 70px;
}

ul{
    float: left;
    display: flex;
    justify-content: center;
    align-items: center;
}

ul li{
    list-style: none;
    margin-left: 62px;
    margin-top: 27px;
    font-size: 14px;
}

ul li a{
    text-decoration: none;
    color: #ffff;

    font-weight: bold;
    transition: 0.4s ease-in-out;
}

ul li a:hover{
    color: rgb(98, 246, 152);
}

.search{

```

```

width: 330px;
float: left;
margin-left: 270px;
}

.srch{

width: 200px;
height: 40px;
background: transparent;
border: 1px solid rgb(98, 246, 152);
margin-top: 13px;
color: #ffff;
border-right: none;
font-size: 16px;
float: left;
padding: 10px;
border-bottom-left-radius: 5px;
border-top-left-radius: 5px;
}

.btn{
width: 100px;
height: 40px;
background:rgb(98, 246, 152) ;
border: 2px solid rgb(98, 246, 152);
margin-top: 13px;
color: #ffff;
font-size: 15px;
border-bottom-right-radius: 5px;
border-bottom-right-radius: 5px;
}

.btn:focus{
outline: none;
}

.srch:focus{
outline: none;
}

.content{
width: 1200px;
height: auto;
margin: auto;
color: #ffff;
position: relative;
}

.content.par{
padding-left: 20px;

```

```

padding-bottom: 25px;

letter-spacing: 1.2px;
line-height: 30px;
}

.content h1{

font-size: 50px;
padding-left: 20px;
margin-top: 9%;
letter-spacing: 2px;
}

.content .cn{
width: 160px;
height: 40px;
background: rgb(98, 246, 152);
border: none;
margin-bottom: 10px;
margin-left: 20px;
font-size: 18px;
border-radius: 10px;
cursor: pointer;
transition: .4s ease;
}

.content .cn a{
text-decoration: none;
color: #000;
transition: .3s ease;
}

.cn:hover{
background-color: #fff;
}

.content span{
color:rgb(98, 246, 152);
font-size: 60px;
}

.form{
width: 250px;
height: 380px;
background: linear-gradient(to top,rgba(0,0,0,0.8)50%,rgba(0,0,0,0.8)50%);
position: absolute;
top: -20px;
left: 870px;
border-radius: 10px;
padding: 25px;

```

```

}

.form h2{
  width: 220px;

  text-align: center;
  color:rgb(98, 246, 152);
  font-size: 22px;

  border-radius: 10px;
  margin: 2px;
  padding: 8px;
}

.form input{
  width: 240px;
  height: 35px;
  background: transparent;
}

.form input{
  width: 240px;
  height: 35px;
  background: transparent;
  border-bottom: 1px solid rgb(98, 246, 152);
  border-top: none;
  border-right: none;
  border-left: none;
  color: #fff;
  font-size: 15px;
  letter-spacing: 1px;
  margin-top: 30px;
}

.form input:focus{
  outline: none;
}

::placeholder{
  color: #fff;
}

.btnn{
  width: 240px;
  height: 40px;
  background: rgb(98, 246, 152);
  border: none;
  margin-top: 30px;
  font-size: 18px;
}

```



```

    border-radius: 10px;
    cursor: pointer;
    color: #fff;
    transition: 0.4s ease;
}

.btnn:hover{
    background: #fff;
    color: rgb(98, 246, 152);
}

.btnn a{
    text-decoration: none;
    color: #000;
    font-weight: bold;
}

.form .link{

    font-size: 17px;
    padding-top: 20px;
    text-align: center;
}

.form .link a{
    text-decoration: none;
    color: rgb(98, 246, 152);
}

.liw{
    padding-top: 15px;
    padding-bottom: 10px;
    text-align: center;
}
body{
    background-color: pink;
    background-image: url("/static/image.jpeg");
    height: 90vh;
    width: 100%;
    background-size: cover;
    background-position: top 25% right 0;
}

</style>

<body>

<div class="main">
    <div class="navbar">
        <div class="icon">
            <h2 class="logo">MSB FASHIONS</h2>

```

</div>

<div class="menu">

ADMIN

>

</div>

<div class="search">

<input class="srch" type="search" name="" placeholder="Type to search">

<button class="btn">Search</button>

</div>

</div>

<div class="content">

<h1>Smart Fashion
Application</h1>

<div class="form">

<form action="{ { url_for('login') } }" method="post">

<div class="msg">{ { msg } }</div>

<h2>SMART LOGIN</h2>

<form action="/Login" method="post">

<input type="text" name="username" placeholder="Enter Username Here">

<input type="password" name="password" placeholder="Enter Password here">

<button type="submit" class="btnn">Login</button>

<p class="link">Don't have an account

Sign up here</p>

</form>

</div>

</div>

</div>

</body>

</html>

Home1.html

<!DOCTYPE html>

<html>

<head>

<title> SFRA </title>

<link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.15.4/css/all.css">

```

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css">
<link rel="stylesheet" href="https://unpkg.com/swiper/swiper-bundle.min.css" />

<link rel="stylesheet" href="/static/style.css">
<script>
window.watsonAssistantChatOptions = {
  integrationID: "aaaf7abf-17ba-428c-9a28-5efeac60506d", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "76aac77a-9dd4-4f60-b169-6fecece3d4b1", // 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>

</head>

<body>
<section id="header">
<div class="main">
  <div class="navbar">
    <div class="icon">
      <h2 class="logo">FASHIONS</h2>
    </div>

    <div class="menu">
      <ul>
        <li> <div id="menu-bar" class="fas fa-bars"></div> </li>
        <li><a href="/home1">HOME</a></li>
        <li><a href="/cart">SHOP</a></li>
        <li><a href="#">ORDERS</a></li>
        <li><a href="#">ABOUT</a></li>
        <li> <h1><a href="/add"><i class=" fa fa-shopping-cart"></i></a></h1> </li>

      </ul>
    </div>

    <div class="search">
      <input class="srch" type="search" name="" placeholder="Type to search">
      <a href="/registertemp"><button class="btn">Search</button></a>
      <a href="/profile"><button class="reg" type='submit'>My account</button></a>
    </div>

  </div>
</section>

```

```
<section class="category">
```

```
<div class="box-container">
```

```
<div class="box">
```

```

```

```
<div class="content">
```

```
<span>upto 50% off</span>
```

```
<h3>for womans</h3>
```

```
<a href="/cart" class="btn">shop now</a>
```

```
</div>
```

```
</div>
```

```
<div class="box">
```

```

```

```
<div class="content">
```

```
<span>upto 50% off</span>
```

```
<h3>for mans</h3>
```

```
<a href="/cart" class="btn">shop now</a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</section>
```

```
<section id="product1" class="section-p1">
```

```
<h2>Featured products</h2>
```

```
<p>Summer collection New Morden Design</p>
```

```
<div class="pro-container">
```

```
<div class="pro">
```

```

```

```
<div class="des">
```

```
<span>adidas</span>
```

```
<h5>Cartoon Astronaut T-shirts</h5>
```

```
<div class="star">
```

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

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

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

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

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

```
</div>
```

```
<h4>$78</h4>
```

```
</div>
```

```
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
```

```
</div>
```

```
<div class="pro">
```

```

```

```
<div class="des">
```

```
<span>adidas</span>
```

```

<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
</div>
<h4>RS78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">

<div class="des">
  <span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">

<div class="des">
  <span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">

<div class="des">
  <span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
  <i class="fas fa-star"></i>

```

```

    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">

<div class="des">
<span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">

<div class="des">
<span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">

<div class="des">
<span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>

```

```

        <i class="fas fa-star"></i>
    </div>
    <h4>RS 78</h4>
</div>
    <a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
</div>
</section>

```

```

<section id="product1" class="section-p1">
    <h2>New Arrivals</h2>
    <p>Summer collection New Morden Design</p>
    <div class="pro-container">
        <div class="pro">
            
            <div class="des">
                <span>adidas</span>
                <h5>Cartoon Astronaut T-shirts</h5>
                <div class="star">
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                </div>
                <h4>RS 78</h4>
            </div>
            <a href="#"><i class="fal fa-shopping-cart cart"></i></a>
        </div>
        <div class="pro">
            
            <div class="des">
                <span>adidas</span>
                <h5>Cartoon Astronaut T-shirts</h5>
                <div class="star">
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                    <i class="fas fa-star"></i>
                </div>
                <h4>RS 78</h4>
            </div>
            <a href="#"><i class="fal fa-shopping-cart cart"></i></a>
        </div>
        <div class="pro">
            
            <div class="des">
                <span>adidas</span>
                <h5>Cartoon Astronaut T-shirts</h5>

```

```

<div class="star">
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">

<div class="des">
  <span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">

<div class="des">
  <span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">

<div class="des">
  <span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>

```



```

    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
  </div>
  <h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">
  
  <div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <h4>RS 78</h4>
  </div>
  <a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">
  
  <div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <h4>RS 78</h4>
  </div>
  <a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
</div>

```

```

<div class="foot">

```

```

<h1> ABOUT US </h1>

```

```

<p>We are maximisers. We're out on our own journeys to maximise - <br>
be the best at what we choose and care about the most - whether it be <br>
our impact, voice, potential, ideas, influence, well-being or more. <br>
Because when we maximise ourselves in our inclusive teams,our site <br>
is able to deliver the best imaginable value for our customers, <br>
stakeholders and the planet!</p>

```

```

    <footer>
    <h1>Contact</h1>
    <ul>
    <li>Phone : +919876543214</li><br>
    <li>Email : Fashion@gmail.com</li>
    <li>Address :N0:6 , Vivekananthar theru,<br> Dubai kurukkusanthu,<br>Dubai main road ,<br>
Dubai </li><br>
    </ul>

    </footer>
</div>

```

```

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

```

```

<!-- products section starts -->

```

Cart.html

```

<!DOCTYPE html>
<html>
<head>
    <title> SFRA </title>
    <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.15.4/css/all.css">
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css">
    <link rel="stylesheet" href="https://unpkg.com/swiper/swiper-bundle.min.css" />

    <link rel="stylesheet" href="/static/style.css">

    <script>
    window.watsonAssistantChatOptions = {
        integrationID: "aaaf7abf-17ba-428c-9a28-5efeac60506d", // The ID of this integration.
        region: "au-syd", // The region your integration is hosted in.
        serviceInstanceID: "76aac77a-9dd4-4f60-b169-6fecece3d4b1", // 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>

</head>

```

```

<body>
<section id="header">
<div class="main">
<div class="navbar">
<div class="icon">
<h2 class="logo">FASHOINS</h2>
</div>

<div class="menu">
<ul>
<li> <div id="menu-bar" class="fas fa-bars"></div> </li>
<li><a href="/home1">HOME</a></li>
<li><a href="#">SHOP</a></li>
<li><a href="#">ORDERS</a></li>
<li><a href="#">ABOUT</a></li>
<li> <h1><a href="/add"><i class=" fa fa-shopping-cart"></i></a></h1> </li>

</ul>
</div>

<div class="search">
<input class="srch" type="search" name="" placeholder="Type to search">
<a href="/registertemp"><button class="btn">Search</button></a>
<a href="/profile"><button class="reg" type='submit'>My account</button></a>
</div>

</div>
</section>
<section id="product1" class="section-p1">
<h2>Featured products</h2>
<p>Summer collection New Morden Design</p>
<div class="pro-container">
<div class="pro" onclick="window.location.href='/single';">

<div class="des">
<span>adidas</span>

<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
</div>
<h4>$78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro" onclick="window.location.href='/single1';">


```

```

<div class="des">
  <span>adidas</span>
  <h5>Cartoon Astronaut T-shirts</h5>
  <div class="star">
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
  </div>
  <h4>RS78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro" onclick="window.location.href='/single2';">
  
  <div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <h4>RS 78</h4>
  </div>
  <a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro" onclick="window.location.href='/single3';">
  
  <div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <h4>RS 78</h4>
  </div>
  <a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro" onclick="window.location.href='/single4';">
  
  <div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>

```

```

<div class="star">
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
  <i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro" onclick="window.location.href='/single5';">
  
  <div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <h4>RS 78</h4>
  </div>
  <a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro" onclick="window.location.href='/single6';">
  
  <div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <h4>RS 78</h4>
  </div>
  <a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro" onclick="window.location.href='/single7';">
  
  <div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>

```

```

    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
    <i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>

<div class="pro" onclick="window.location.href='/single8';">

<div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
    </div>
    <h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>

<div class="pro" onclick="window.location.href='/single9';">

<div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
    </div>
    <h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>

<div class="pro" onclick="window.location.href='/single10';">

<div class="des">
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
    </div>

```

```

    <i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro" onclick="window.location.href='/single11';">

<div class="des">
<span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro" onclick="window.location.href='/single12';">

<div class="des">
<span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro" onclick="window.location.href='/single13';">

<div class="des">
<span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>

```

```

</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro" onclick="window.location.href='/single14';">

<div class="des">
<span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro" onclick="window.location.href='/single15';">

<div class="des">
<span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
</div>
</section>
<section id="pagination" class="section-p1">
<a href="/cart">1</a>
<a href="/page2">2</a>

</section>

<div class="foot">

<h1> ABOUT US </h1>
<p>We are maximisers. We're out on our own journeys to maximise - <br>
be the best at what we choose and care about the most - whether it be <br>
our impact, voice, potential, ideas, influence, well-being or more. <br>

```


Because when we maximise ourselves in our inclusive teams,our site

is able to deliver the best imaginable value for our customers,

stakeholders and the planet!</p>

```
<footer>
<h1>Contact</h1>
<ul>
  <li>Phone : +919876543214</li><br>
  <li>Email : Fashion@gmail.com</li>
  <li>Address :N0:6 , Vivekananthar theru,<br> Dubai kurukkusanthu,<br>Dubai main road ,<br> Dubai
</li><br>
</ul>
```

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

```
<script src="script.js" ></script>
</body>
</html>
```

```
<!-- products section starts -->
```

Add.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <meta name="author" content="CodeHim">
  <title>Shopping Cart Example</title>

  <!-- Style CSS -->
  <link rel="stylesheet" href="/static/add.css">
  <!-- Demo CSS (No need to include it into your project) -->
  <link rel="stylesheet" href="demo.css">

</head>
<body>

  <section id="header">
    <div class="main">
      <div class="navbar">
        <div class="icon">
          <h2 class="logo">FASHOINS</h2>
        </div>

        <div class="menu">
          <ul>
```

```

<li> <div id="menu-bar" class="fas fa-bars"></div> </li>
<li><a href="/home1">HOME</a></li>
<li><a href="/cart">SHOP</a></li>
<li><a href="#">ORDERS</a></li>
<li><a href="#">ABOUT</a></li>
<li> <h1><i class=" fa fa-shopping-cart"></i></h1> </li>

```

```

</ul>
</div>

```

```

<div class="search">
  <input class="srch" type="search" name="" placeholder="Type to search">
  <a href="/registertemp"><button class="btn">Search</button></a>
  <a href="profile.html"><button class="reg" type='submit'>My account</button></a>
</div>

```

```

</div>
</section>

```

```

<main>
  <!-- Start DEMO HTML (Use the following code into your project)-->
  <div class="container">

```

```

    <div id="alerts"></div>

```

```

  <div class="productcont">

```

```

    <div class="product">
      <section id="product1" class="section-p1">
        <div class="pro-container">
          <div class="pro">
            
            <div class="des">
              <h3 class="productname">sunny</h3>
              <span>adidas</span>
              <h5>Cartoon Astronaut T-shirts</h5>
              <div class="star">
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
                <i class="fas fa-star"></i>
              </div>
              <p class="price">$900.05</p>
              <button class="addtocart">Add To Cart</button>
            </div>
          </div>
        </div>
      </section>
    </div>

```

```

<div class="pro">
  
  <div class="des">
    <h3 class="productname">Jhony</h3>
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <p class="price">$900.05</p>
    <button class="addtocart">Add To Cart</button>
  </div>
</div>

```

```

<div class="pro">
  
  <div class="des">
    <h3 class="productname">summer</h3>
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <p class="price">$900.05</p>
    <button class="addtocart">Add To Cart</button>
  </div>
</div>

```

```

<div class="pro">
  
  <div class="des">
    <h3 class="productname">Dany</h3>
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <p class="price">$900.05</p>
    <button class="addtocart">Add To Cart</button>
  </div>
</div>

```

```

    </div>
</div>

<div class="pro">
  
  <div class="des">
    <h3 class="productname">Aegon</h3>
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <p class="price">$900.05</p>
    <button class="addtocart">Add To Cart</button>
  </div>
</div>

<div class="pro">
  
  <div class="des">
    <h3 class="productname">Thomas</h3>
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <p class="price">$900.05</p>
    <button class="addtocart">Add To Cart</button>
  </div>
</div>

<div class="pro">
  
  <div class="des">
    <h3 class="productname">vikram</h3>
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>

```

```

    </div>
    <p class="price">$900.05</p>
    <button class="addtocart">Add To Cart</button>
  </div>
</div>

```

```

<div class="pro">
  
  <div class="des">
    <h3 class="productname">Thalapathy</h3>
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <p class="price">$900.05</p>
    <button class="addtocart">Add To Cart</button>
  </div>
</div>

```

```

<div class="pro">
  
  <div class="des">
    <h3 class="productname">Thala</h3>
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <p class="price">$900.05</p>
    <button class="addtocart">Add To Cart</button>
  </div>
</div>

```

```

<div class="pro">
  
  <div class="des">
    <h3 class="productname">Ragnar</h3>
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>

```

```

        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
    </div>
    <p class="price">$900.05</p>
    <button class="addtocart">Add To Cart</button>
</div>
</div>

```

```

<div class="pro">
    
    <div class="des">
        <h3 class="productname">Wallter</h3>
        <span>adidas</span>
        <h5>Cartoon Astronaut T-shirts</h5>
        <div class="star">
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
        </div>
        <p class="price">$900.05</p>
        <button class="addtocart">Add To Cart</button>
    </div>
</div>

```

```

<div class="pro">
    
    <div class="des">
        <h3 class="productname">Hisenberg</h3>
        <span>adidas</span>
        <h5>Cartoon Astronaut T-shirts</h5>
        <div class="star">
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
        </div>
        <p class="price">$900.05</p>
        <button class="addtocart">Add To Cart</button>
    </div>
</div>

```

```

<div class="pro">
    
    <div class="des">
        <h3 class="productname">Mia</h3>
        <span>adidas</span>
        <h5>Cartoon Astronaut T-shirts</h5>
    </div>

```

```

    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <p class="price">$900.05</p>
    <button class="addtocart">Add To Cart</button>
  </div>
</div>

```

```

<div class="pro">
  
  <div class="des">
    <h3 class="productname">Leah</h3>
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <p class="price">$900.05</p>
    <button class="addtocart">Add To Cart</button>
  </div>
</div>

```

```

<div class="pro">
  
  <div class="des">
    <h3 class="productname">Jhon Snow</h3>
    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
      <i class="fas fa-star"></i>
    </div>
    <p class="price">$900.05</p>
    <button class="addtocart">Add To Cart</button>
  </div>
</div>

```

```

<div class="pro">
  
  <div class="des">

```

```

        <h3 class="productname">Deamend</h3>
        <span>adidas</span>
        <h5>Cartoon Astronaut T-shirts</h5>
        <div class="star">
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
            <i class="fas fa-star"></i>
        </div>
        <p class="price">$900.05</p>
        <button class="addtocart">Add To Cart</button>
    </div>
</div>
</section>
</div>
</div>

```

```

<div class="cart-container">
    <h2>Cart</h2>
    <table>
        <thead>
            <tr>
                <th><strong>Product</strong></th>
                <th><strong>Price</strong></th>
            </tr>
        </thead>
        <tbody id="carttable">
            </tbody>
        </table>
        <hr>
        <table id="carttotals">
            <tr>
                <td><strong>Items</strong></td>
                <td><strong>Total</strong></td>
            </tr>
            <tr>
                <td>x <span id="itemsquantity">0</span></td>
                <td>$<span id="total">0</span></td>
            </tr>
        </table>
    </div>

```

```

<div class="cart-buttons">
    <button id="emptycart">Empty Cart</button>
    <a href="/pay">
        <button id="checkout">BUY NOW</button></a>
    </div>
</div>

```



```
<!-- partial -->
```

```
    <!-- END EDMO HTML (Happy Coding!)-->
</main>
```

```
<div class="foot">
```

```
    <h1> ABOUT US </h1>
```

```
    <p>We are maximisers. We're out on our own journeys to maximise - <br>
    be the best at what we choose and care about the most - whether it be <br>
    our impact, voice, potential, ideas, influence, well-being or more. <br>
    Because when we maximise ourselves in our inclusive teams,our site <br>
    is able to deliver the best imaginable value for our customers, <br>
    stakeholders and the planet!</p>
```

```
<footer>
```

```
    <h1>Contact</h1>
```

```
    <ul>
        <li>Phone : +919876543214</li><br>
        <li>Email : Fashion@gmail.com</li>
        <li>Address :N0:6 , Vivekananthar theru,<br> Dubai kurukkusanthu,<br>Dubai main road ,<br> Dubai
    </li><br>
    </ul>
```

```
</footer>
```

```
</div>
```

```
<footer></footer>
```

```
    <script>
        /* get cart total from session on load */
updateCartTotal();

/* button event listeners */
document.getElementById("emptycart").addEventListener("click", emptyCart);
var btns = document.getElementsByClassName('addtocart');
for (var i = 0; i < btns.length; i++) {
    btns[i].addEventListener('click', function() {addToCart(this);});
}

/* ADD TO CART functions */

function addToCart(elem) {
    //init
    var sibs = [];
    var getprice;
    var getproductName;
    var cart = [];
    var stringCart;
```

```

//cycles siblings for product info near the add button
while(elem = elem.previousSibling) {
    if (elem.nodeType === 3) continue; // text node
    if(elem.className == "price"){
        getprice = elem.innerText;
    }
    if (elem.className == "productname") {
        getproductName = elem.innerText;
    }
    sibs.push(elem);
}
//create product object
var product = {
    productname : getproductName,
    price : getprice
};
//convert product data to JSON for storage
var stringProduct = JSON.stringify(product);
/*send product data to session storage */

if(!sessionStorage.getItem('cart')){
    //append product JSON object to cart array
    cart.push(stringProduct);
    //cart to JSON
    stringCart = JSON.stringify(cart);
    //create session storage cart item
    sessionStorage.setItem('cart', stringCart);
    addToCart(getproductName);
    updateCartTotal();
}
else {
    //get existing cart data from storage and convert back into array
    cart = JSON.parse(sessionStorage.getItem('cart'));
    //append new product JSON object
    cart.push(stringProduct);
    //cart back to JSON
    stringCart = JSON.stringify(cart);
    //overwrite cart data in sessionstorage
    sessionStorage.setItem('cart', stringCart);
    addToCart(getproductName);
    updateCartTotal();
}
}
/* Calculate Cart Total */
function updateCartTotal(){
    //init
    var total = 0;
    var price = 0;
    var items = 0;
    var productname = "";
    var carttable = "";

```

```

if(sessionStorage.getItem('cart')) {
    //get cart data & parse to array
    var cart = JSON.parse(sessionStorage.getItem('cart'));
    //get no of items in cart
    items = cart.length;
    //loop over cart array
    for (var i = 0; i < items; i++){
        //convert each JSON product in array back into object
        var x = JSON.parse(cart[i]);
        //get property value of price
        price = parseFloat(x.price.split('$')[1]);
        productname = x.productname;
        //add price to total
        carttable += "<tr><td>" + productname + "</td><td>$" + price.toFixed(2) + "</td></tr>";
        total += price;
    }

}
//update total on website HTML
document.getElementById("total").innerHTML = total.toFixed(2);
//insert saved products to cart table
document.getElementById("carttable").innerHTML = carttable;
//update items in cart on website HTML
document.getElementById("itemsquantity").innerHTML = items;
}
//user feedback on successful add
function addToCart(pname) {
    var message = pname + " was added to the cart";
    var alerts = document.getElementById("alerts");
    alerts.innerHTML = message;
    if(!alerts.classList.contains("message")){
        alerts.classList.add("message");
    }
}
/* User Manually empty cart */
function emptyCart() {
    //remove cart session storage object & refresh cart totals
    if(sessionStorage.getItem('cart')){
        sessionStorage.removeItem('cart');
        updateCartTotal();
        //clear message and remove class style
        var alerts = document.getElementById("alerts");
        alerts.innerHTML = "";
        if(alerts.classList.contains("message")){
            alerts.classList.remove("message");
        }
    }
}
</script>
</body>
</html>

```

Single.html

```
<!DOCTYPE html>
<html>
<head>
  <title> SFRA </title>
  <link rel="stylesheet" href="https://use.fontawesome.com/releases/v5.15.4/css/all.css">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css">
  <link rel="stylesheet" href="https://unpkg.com/swiper/swiper-bundle.min.css" />

  <link rel="stylesheet" href="/static/style.css">
  <script>
    window.watsonAssistantChatOptions = {
      integrationID: "aaaf7abf-17ba-428c-9a28-5efeac60506d", // The ID of this integration.
      region: "au-syd", // The region your integration is hosted in.
      serviceInstanceID: "76aac77a-9dd4-4f60-b169-6fecece3d4b1", // 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>

</head>

<body>
  <section id="header">
    <div class="main">
      <div class="navbar">
        <div class="icon">
          <h2 class="logo">FASHOINS</h2>
        </div>

        <div class="menu">
          <ul>
            <li> <div id="menu-bar" class="fas fa-bars"></div> </li>
            <li><a href="/home1">HOME</a></li>
            <li><a href="/cart">SHOP</a></li>
            <li><a href="#">ORDERS</a></li>
            <li><a href="#">ABOUT</a></li>
            <li> <h1><a href="/add"><i class=" fa fa-shopping-cart"></i></a></h1> </li>

          </ul>
        </div>

        <div class="search">
```

```

        <input class="srch" type="search" name="" placeholder="Type to search">
        <a href="/registertemp"><button class="btn">Search</button></a>
        <a href="/profile"><button class="reg" type='submit'>My account</button></a>
    </div>

</div>
</section>
<section id="prodetails" class="section-p1">
    <div class="single-pro-image">
        

    <div class="small-img-group">
        <div class="small-img-col">
            
        </div>
        <div class="small-img-col">
            
        </div>
        <div class="small-img-col">
            
        </div>
        <div class="small-img-col">
            
        </div>
    </div>
</div>
</div>

<div class="single-pro-details">
    <h6> Home/shirt</h6>
    <h4>MEN FASHION SHIRT</h4>
    <h2>RS.200 </h2>
    <select>
        <option>Select size</option>
        <option>S</option>
        <option>M</option>
        <option>L</option>
        <option>XL</option>
        <option>XXL</option>
    </select>
    <input type="number" value="1">

    <a href="/pay">
        <button class="buy" >BUY NOW</button></a>
    </div>
</section>

<section id="product1" class="section-p1">
    <h2>Recommended Product</h2>
    <p> New Morden Design</p>
    <div class="pro-container">

```

```

<div class="pro">

<div class="des">
<span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">

<div class="des">
<span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">

<div class="des">
<span>adidas</span>
<h5>Cartoon Astronaut T-shirts</h5>
<div class="star">
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
<i class="fas fa-star"></i>
</div>
<h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>
<div class="pro">

<div class="des">

```

```

    <span>adidas</span>
    <h5>Cartoon Astronaut T-shirts</h5>
    <div class="star">
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
    </div>
    <h4>RS 78</h4>
</div>
<a href="#"><i class="fal fa-shopping-cart cart"></i></a>
</div>

</div>
</section>

<script>
var MainImg = document.getElementById("MainImg");
var smallimg = document.getElementsByClassName("small-img");

smallimg[0].onclick =function(){
    MainImg.src = smallimg[0].src;
}
smallimg[1].onclick =function(){
    MainImg.src = smallimg[1].src;
}
smallimg[2].onclick =function(){
    MainImg.src = smallimg[2].src;
}
smallimg[3].onclick =function(){
    MainImg.src = smallimg[3].src;
}
</script>

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

</body>
</html>

<!-- products section starts -->

```

Pay.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

```

```

<!-- custom css file link -->
<link rel="stylesheet" href="/static/pay.css">

</head>
<body>

<div class="container">

  <form action="">

    <div class="row">

      <div class="col">

        <h3 class="title">billing address</h3>

        <div class="inputBox">
          <span>full name :</span>
          <input type="text" placeholder="alex">
        </div>
        <div class="inputBox">
          <span>email :</span>
          <input type="email" placeholder="example@example.com">
        </div>
        <div class="inputBox">
          <span>address :</span>
          <input type="text" placeholder="room - street - locality">
        </div>
        <div class="inputBox">
          <span>city :</span>
          <input type="text" placeholder="chennai">
        </div>

        <div class="flex">
          <div class="inputBox">
            <span>state :</span>
            <input type="text" placeholder="india">
          </div>
          <div class="inputBox">
            <span>zip code :</span>
            <input type="text" placeholder="123 456">
          </div>
        </div>

      </div>

      <div class="col">

        <h3 class="title">payment</h3>

```



```

<div class="inputBox">
  <span>cards accepted :</span>
  
</div>
<div class="inputBox">
  <span>name on card :</span>
  <input type="text" placeholder="mr.alex">
</div>
<div class="inputBox">
  <span>credit card number :</span>
  <input type="number" placeholder="1 1 1 1-2222-3333-4444">
</div>
<div class="inputBox">
  <span>exp month :</span>
  <input type="text" placeholder="january">
</div>

<div class="flex">
  <div class="inputBox">
    <span>exp year :</span>
    <input type="number" placeholder="2022">
  </div>
  <div class="inputBox">
    <span>CVV :</span>
    <input type="text" placeholder="1234">
  </div>
</div>

</div>

</div>

</form>
<div class="pop">
<button type="submit" class="btn" onclick="openPopup()">Proceed To Pay</button>
  <div class="popup" id="popup">
    
    <h2>Thank You</h2>
    <p>Payment Successful. Thanks</p>
    <a href="/home1">
      <button type="button" onclick="closePopup()">OK</button></a>
    </div>
  </div>
<script>
let popup= document.getElementById("popup");
function openPopup(){
  popup.classList.add("open-popup");
}
function closePopup(){
  popup.classList.remove("open-popup");
}

```

```
}  
</script>  
  
</body>  
</html>
```

INTEGRATING APPLICATION WITH CHATBOT USING WATSON ASSISTANT

CODE :

```
<script>
window.watsonAssistantChatOptions = {
  integrationID: "aaaf7abf-17ba-428c-9a28-5efeac60506d", // The ID of this integration.
  region: "au-syd", // The region your integration is hosted in.
  serviceInstanceID: "76aac77a-9dd4-4f60-b169-6fecece3d4b1", // 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>
```

GITHUB & PROJECT DEMO LINK

GITHUB LINK:

<https://github.com/IBM-EPBL/IBM-Project-48558-1660809304>

YOUTUBE LINK: https://youtu.be/nuIn_CfqSQ

DIRECT LINK: <https://github.com/IBM-EPBL/IBM-Project-48558-1660809304/raw/main/Final%20Deliverables/DemoVideo.mp4>

