

1. Introduction:

1.1 Project Overview:

We have come up with a new innovative solution through which you can directly do your online shopping based on your choice without any search

1.2 Purpose:

This paper proposes a new intelligent fashion recommender system to select the most relevant garment design scheme for a specific consumer in order to deliver new personalized garment products. This system integrates emotional fashion themes and human perception on personalized body shapes and professional designers' knowledge

2.Literature Survey:

2.1 Existing Problem:

2.2 References:

TITLE	A Novel Approach For Ontology-Driven Information Retrieving Chatbot For Fashion Brands	Chatbot design approaches for fashion E-commerce	Recommender Systems in E-Commerce
METHODOLOGY USED	Resource Description Framework (RDF) Schema and Web Ontology Language (OWL) VOWL and OntoGraf SPARQL . Jena	New algorithms related to Natural Language Processing (NLP) like Machine Translation, Text Classification Named Entity Extraction, digital communication and consumer management.	AIS, SETM, Apriori and variations of the latter., Matrix factorization-based algorithms, deep learning methods, and clustering algorithms.
ADVANTAGES	It resolves the problem for fashion industry through developing clothing brand ontology, yielded through the handcrafted dataset of 5000 pairs of questions/answers, and integrating it with a conversation agent to facilitate online customer	It is very helpful in providing answers to frequently asked questions, such as the delivery conditions, the refund policy, the store locations, etc.	It allows the active user to get recommendation based on products that users with similar interest have purchased and rated positively, and by using the active user's previous ratings and transaction history to build a model that provides a new set of similar products
DISADVANTAGES	It is limited to only ten clothing brands and provides concern areas information to customers	Users are limited in communication, and have a low level of speech recognition.	It is an extremely difficult task to provide recommendations when the user has been browsing and purchasing anonymously

2.3 Problem Statement:

This project is to facilitate the customers who need the latest information about brand facilities such as packages, discounts, sales, prices, varieties, online shopping, home delivery services, etc. The Chatbot also covers all necessary and general information relevant to clothing brands like dress designs, fabric stuff, the material used in the product, accessories, and services like home delivery, return, exchange, discounts, sales, and, etc.

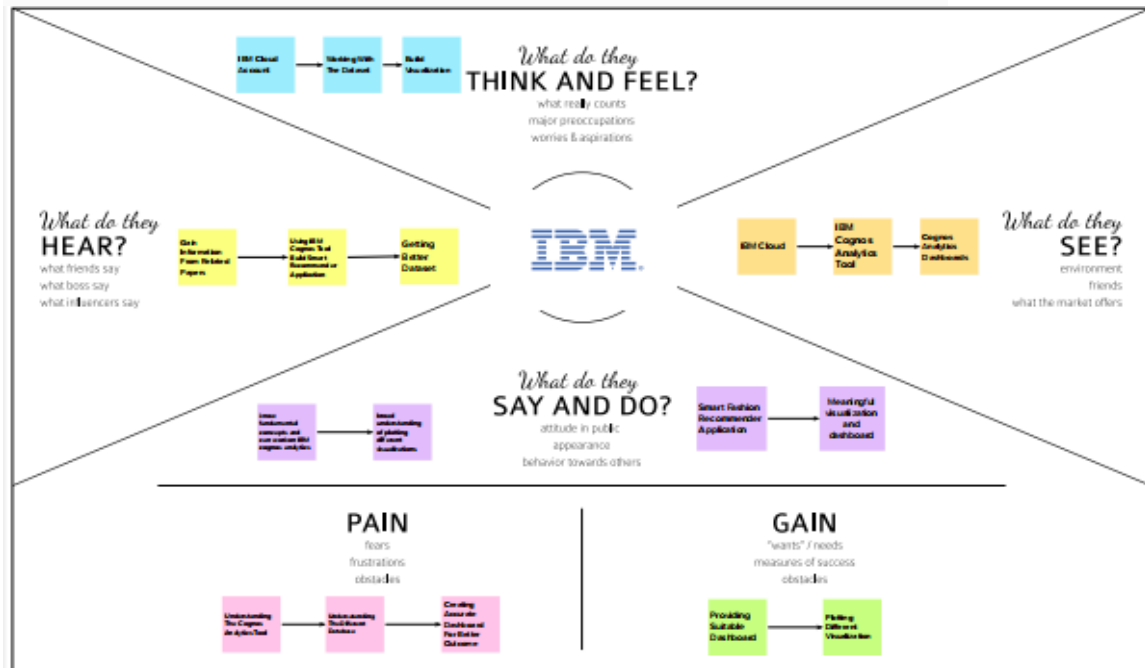
3. Ideation & Proposed Solution:

3.1 Empathy Map Canvas:

Gain insight and understanding on solving customer problems

1

Build empathy and keep your focus on the user by putting yourself in their shoes.



Share your feedback

3.2 Ideation & Brainstorming:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions. Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

Step-1: Team Gathering, Collaboration and Select the Problem Statement
Step-2: Brainstorm, Idea Listing and Grouping
Step-3: Idea Prioritization

Brainstorm & idea prioritization

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

⌚ 10 minutes to prepare
 🕒 1 hour to collaborate
 👤 2-8 people recommended

[Share template feedback](#)

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

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

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

[Open article](#) →

PROBLEM STATEMENT

This problem has frustrated the customers who need the latest information about the stock facilities such as prices, discounts, stock prices, volume, order history, and delivery status. The facilitator will define the problem and guide the team to define the scope of the problem and generate ideas to solve the problem. The facilitator will guide the team to define the scope of the problem and generate ideas to solve the problem.

Key rules of brainstorming

To run a smooth and productive session

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

Step-2: Brainstorm, Idea Listing and Grouping

KEERTHANA M

Application can be used flexibly

Should get a new update about the fashion

Suggested for user's need

Business can encourage customers to be involved

Chatbots can answer queries at customer queries

Improve the experience quicker than ever

BOWSHIYA RANI R

Facilitator should provide the best possible solution during the session

Facilitator should provide the best possible solution during the session

Facilitator should provide the best possible solution during the session

Guide customers to find answers

Update customers on order status

Send personalized message about order

INDHUMATHI A

Chatbot can be available for 24/7

Facilitator can be available for 24/7

Facilitator can be available for 24/7

Provide the latest stock price

Facilitator can be available for 24/7

Will check the stock chart

PRITHIKA T

Facilitator should provide the best possible solution during the session

Facilitator should provide the best possible solution during the session

Facilitator should provide the best possible solution during the session

Use chat services

Facilitator can be available for 24/7

Facilitator can be available for 24/7

Step-3: Idea Prioritization

Suggestion for user's need

Chatbots can answer most of customer queries

Resolve the enquiries quicker than ever

Update customers on order status

Send personalized message about order

They can be integrated with virtual on a phone

Will check the size chart

They can provide information about delivery status

Provide the latest stock price

For more information, please contact our customer service team

Also, please contact our customer service team

Chatbot can be used to answer customer queries

Guide customers to find answer

Chatbot can be used to answer customer queries

Application can be user friendly

Real time experience

Instant and interactive interfaces

Chatbot can be available for 24/7

Live chat services

Should give more details about the items

We can help with any questions you have

E-commerce product page

Empower customers to find products

Recommendation products based on the user's past purchase history

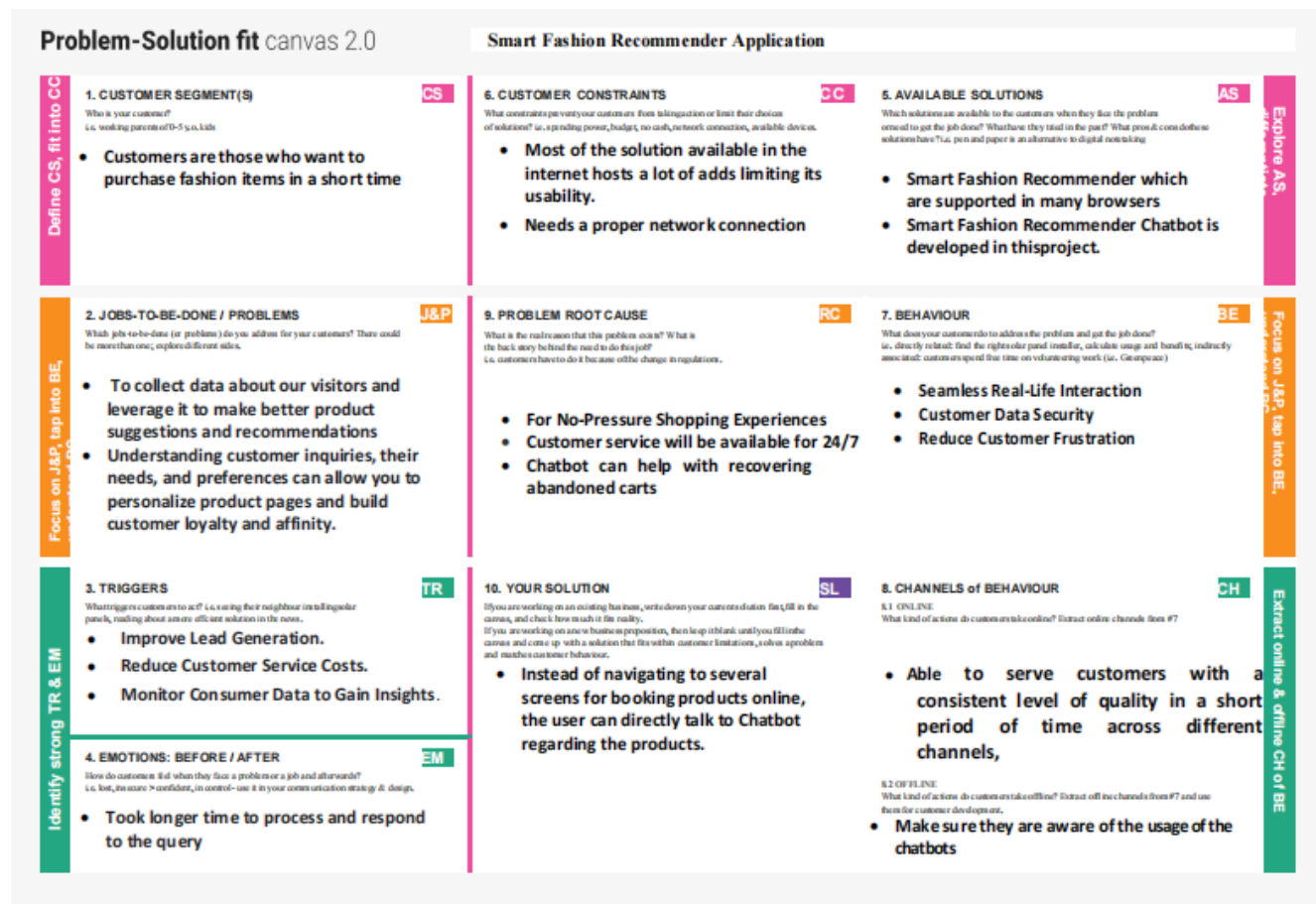


3.4 Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	This project is to facilitate the customers who need the latest information about brand facilities such as packages, discounts, sales, prices, varieties, online shopping, home delivery services, etc. The Chatbot also covers all necessary and general information relevant to clothing brands like dress designs, fabric stuff, the material used in the product, accessories, and services like home delivery, return, exchange, discounts, sales, and, etc.
2.	Idea / Solution description	The user will login into the website and go through the products available on the website. Instead of navigating to several screens for booking products online, the user can directly talk to Chatbot regarding the products. Get the recommendations based on information provided by the user.
3.	Novelty / Uniqueness	Consumers want capable, fast, and, most importantly, reliable assistance. They don't want something that feels like it's trying to trick them into buying something they don't need or giving up information they don't want to share. And when we push the identity facet of a bot too far, that's the perception we create.
4.	Social Impact / Customer Satisfaction	Fashion chatbots take customers beyond narrow browse and search functionality to a place that can help them build the confidence that the purchase they're making is the right one for them.
5.	Business Model (Revenue Model)	
6.	Scalability of the Solution	It is being able to make effective use of data to customize an experience for your
		end users is crucial to making these new experiences stick.

3.4 Problem Solution Fit:



4. Requirement Analysis:

4.1 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 registration Form , Gmail , mobile number.
FR-2	User Confirmation	* User confirmation via Email and email – OTP.
FR-3	Live chat - ChatBot	<p>* User recommendations can be made by the chatbot depending on their interests.</p> <p>* It may advertise the day's top specials and promotions.</p> <p>* It will keep a database of the customer's information and orders.</p> <p>* If the order is accepted, the chatbot will notify the customers.</p> <p>* Additionally, chatbots can be used to gather customer feedback.</p>
FR-4	Checking item availability	* Item availability in specific locations

FR-5	Shopping cart	* My cart button , Add-to-cart button , Remove-fromcart button.
FR-6	Super-fast checkout	* Online transfer, * Credit card payment, * Paying with mobile wallets
FR-7	Checking the shipping status	* Option to easily check the shipping status of items ordered in the store.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	* If people search on google for a product you offer it should be on the first page of result and good quality images that will attract buyers.
NFR-2	Security	* This Application will collect a lot of users' private information to complete a purchase (banking, shipping/home address, email, etc.) Data protection is the priority.
NFR-3	Reliability	* Ability of the software to perform critical tasks like collecting and securing customer data, providing payment gateway to function correctly in a given environment, for a particular amount of time.
NFR-4	Performance	* Speed up the webpage and Site optimization based on the data analysis.
		* Good use of the product description.

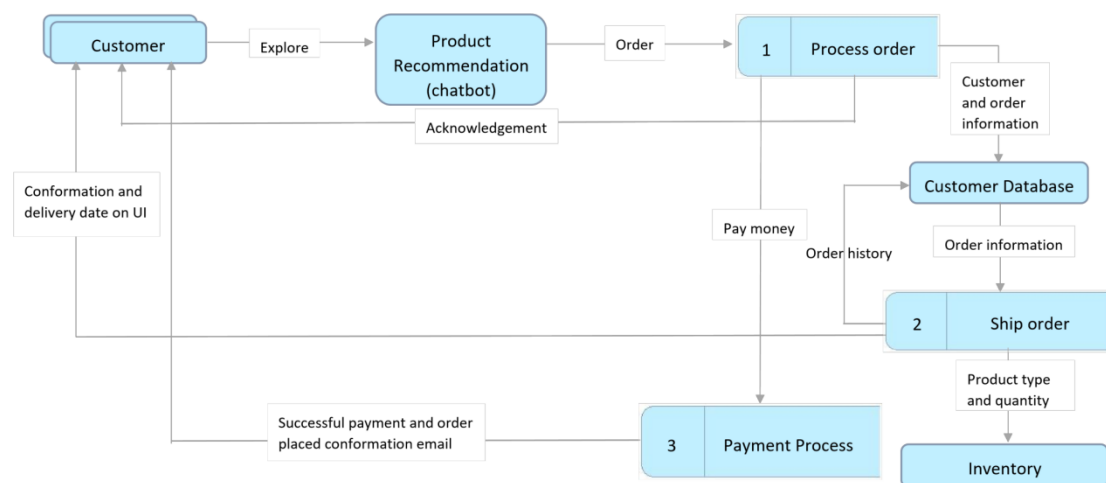
4.2 Non-functional Requirements:

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

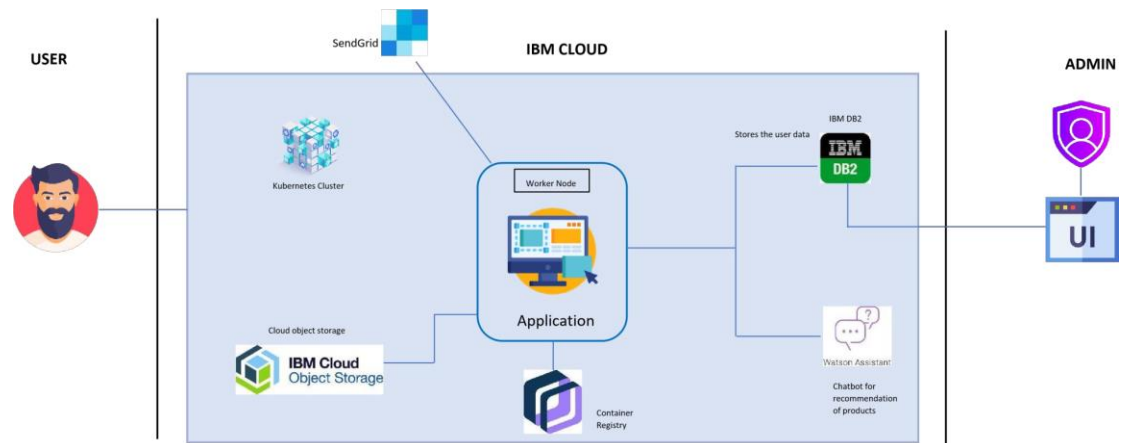
NFR-5	Availability	* The administrator needs to look up the stock availability in the database.
NFR-6	Scalability	 * Having a plan to handle demand peaks. Avoid downtime, preserve the customer experience, and ensure deliveries go out on time at all costs. * Chatbots to provide scalable customer Support.

5. Project Design:

5.1 Data Flow Diagrams:



5.2 Solution & Technical Architecture:



1.	User Interface	The user interacts with web application e.g., Web UI	HTML, CSS, JavaScript, Flask.
2.	Application Logic-1	The application includes login where user can login with their credentials and also supports registration where new users can be added.	Python
3.	Application Logic-2	The application includes a chatbot which helps the user in recommendation of products.	IBM Watson Assistant
4.	Database	Details of customers and products are stored	MySQL
5.	Cloud Database	The cloud database ensures secured storage of data	IBM DB2, IBM Cloudant, etc.
6.	File Storage	File storage requirements	IBM Object Storage or Other Storage Service or Local Filesystem
7.	External API	To send emails from the application	SendGrid
8.	Infrastructure (Server / Cloud)	Application Deployment on Local System / Cloud Local Server Configuration: Cloud Server Configuration:	Docker, Kubernetes, etc.

Table-2: Application Characteristics:

S. No	Characteristics	Description	Technology
1.	Open-Source Frameworks	Flask is an open-source web framework. The web application is built using Flask	Flask
2.	Security Implementations	<ul style="list-style-type: none"> Enable Role-based access control Enables strict version control and permits rapid rollbacks if a vulnerability is uncovered in new code. 	Container registry, Kubernetes
3.	Scalable Architecture	Handles large number users on demand	Container registry, Kubernetes
4.	Availability	The application can be accessed at any time	Docker
5.	Performance	Handles many numbers of user's requests without ambiguity	Docker

5.3 User Stories:

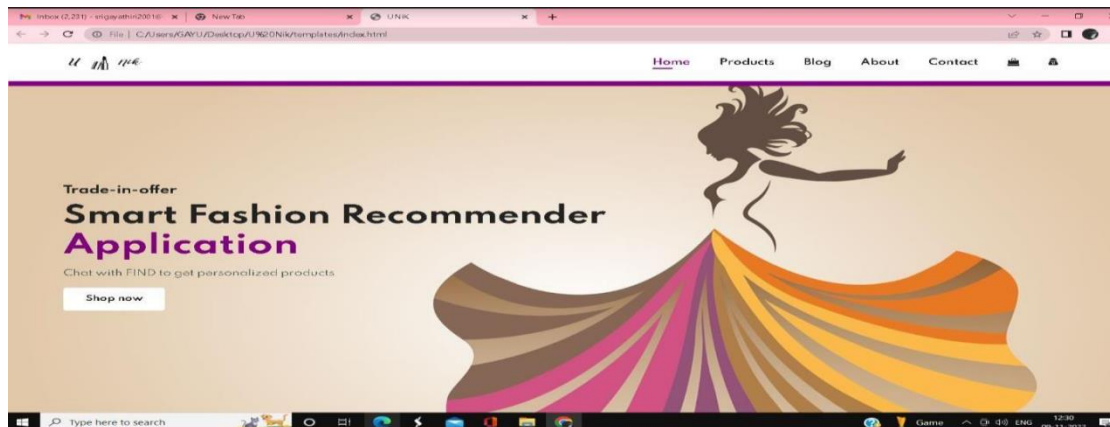
User Stories

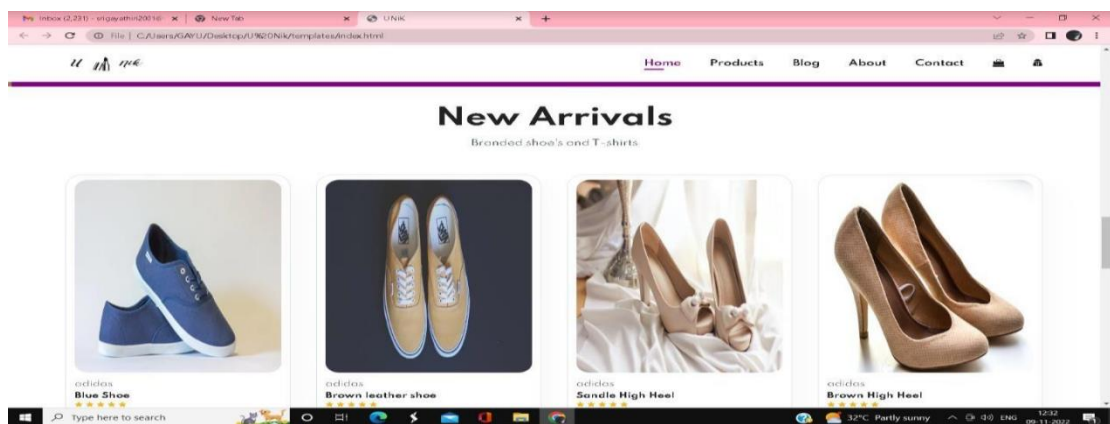
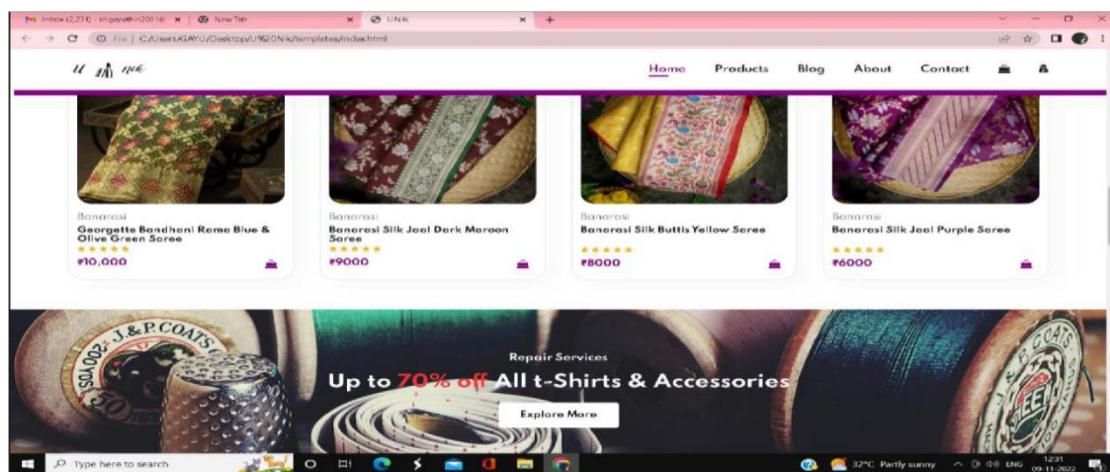
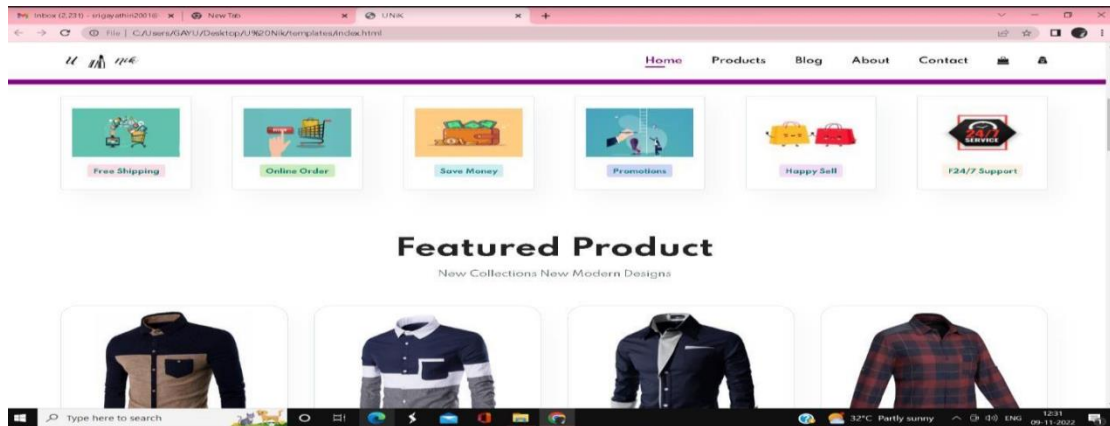
Use the below template to list all the user stories for the product.

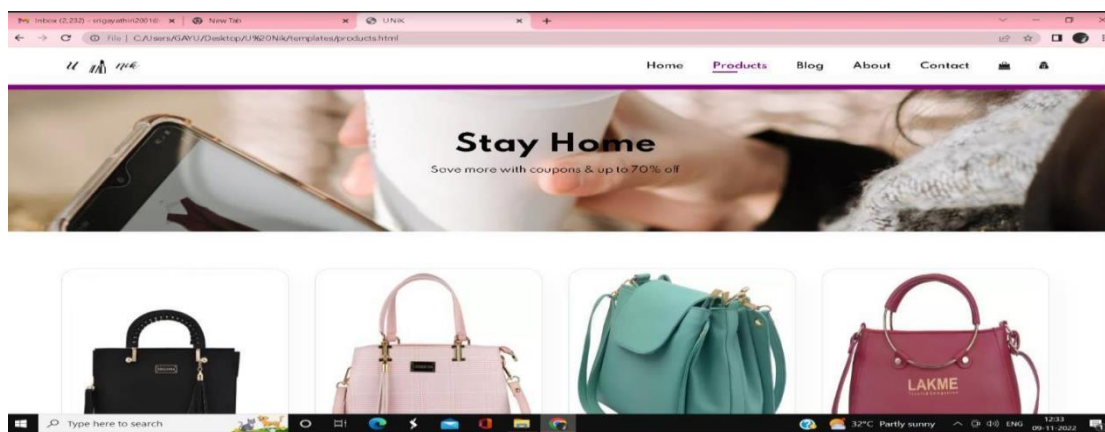
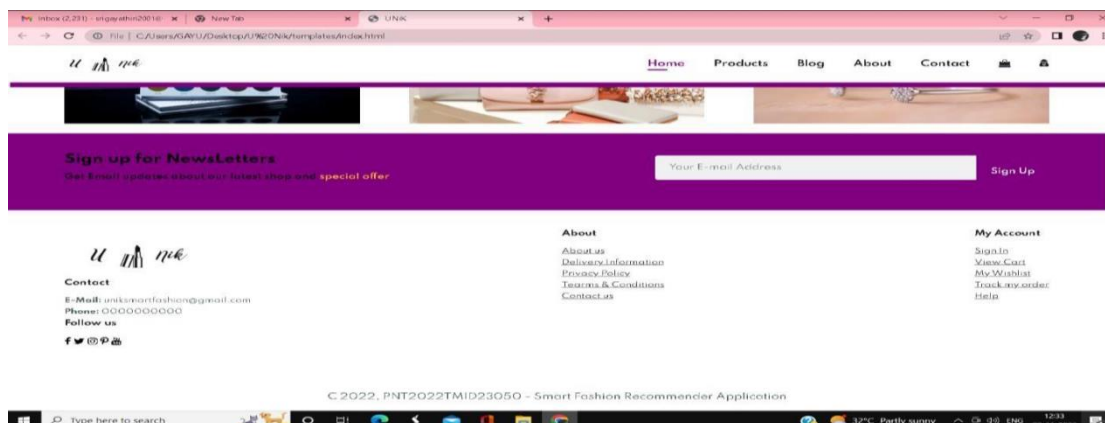
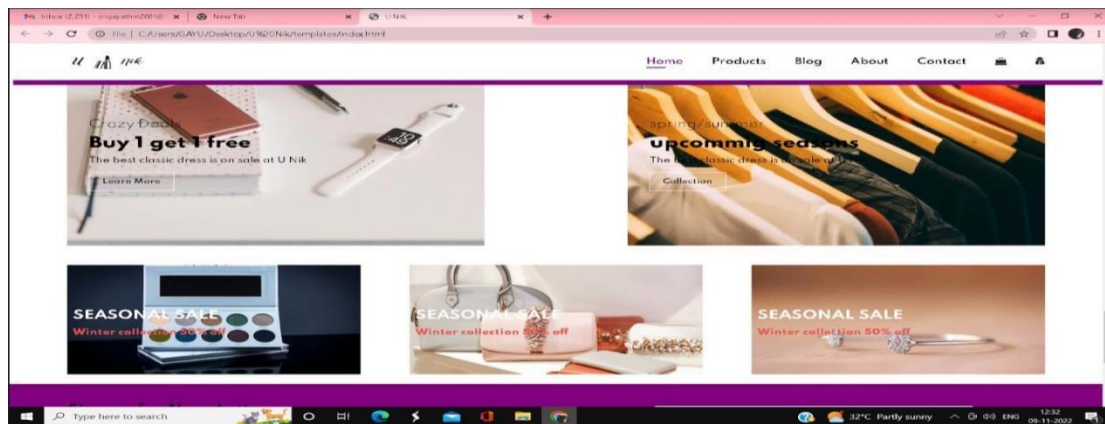
User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
				I can check the database of the stock.		
Customer (Web user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account or redirected to the next process.	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
	Login	USN-3	As a user, I can log into the application by entering email & password	I can be redirected to the dashboard.	High	Sprint-1
	Dashboard	USN-4	As a user, I can explore the products on the site.	I can ask recommendations from the chatbot.	High	Sprint-1
				I can view the offers and deals.		
	Chatbot	USN-5	As a user, I can find my desired products through recommendation.	I can save my time in exploring the products.	High	Sprint-2
	Wishlist	USN-6	As a user, I can add the products to my wish list.	I can save products for future reference.	Medium	Sprint-2
	Payment	USN-7	As a user, I can make payment.	I will receive mail after successful payment.	High	Sprint-3
	Order Confirmation	USN-8	As a user, I will receive a confirmation email.	I can be assured of secured payment.	High	Sprint-3
	Coupon Generation	USN-9	As a user, I will be provided with customised coupons on my birthday.	I will be contented and saving money on my special day.	Low	Sprint-4
	Shipping	USN-10	As a user, I will be able to view the estimated time of delivery.	I can track my orders.	Medium	Sprint-4
Administrator	Login	USN-11	As an admin, I can register for the application by entering my email, password, and confirming my password.	I can track users' purchases.	High	Sprint-4

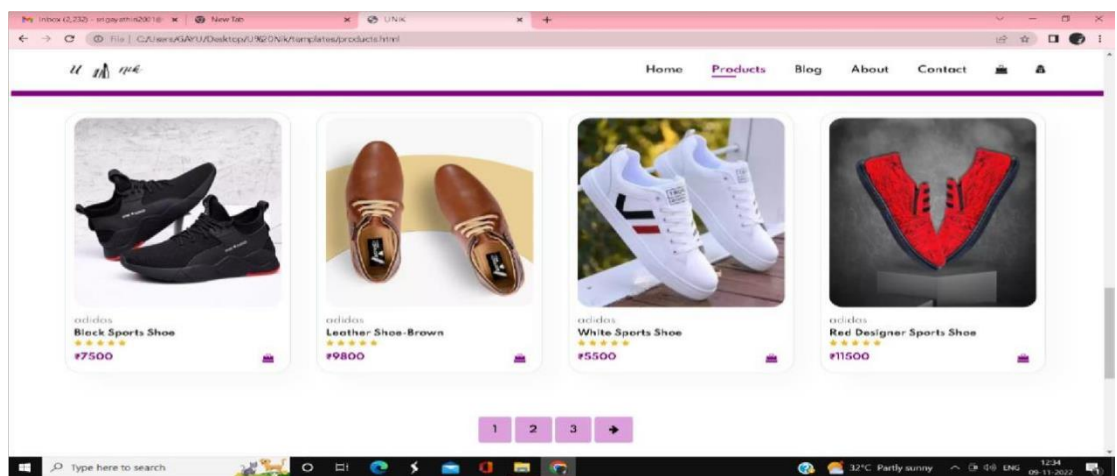
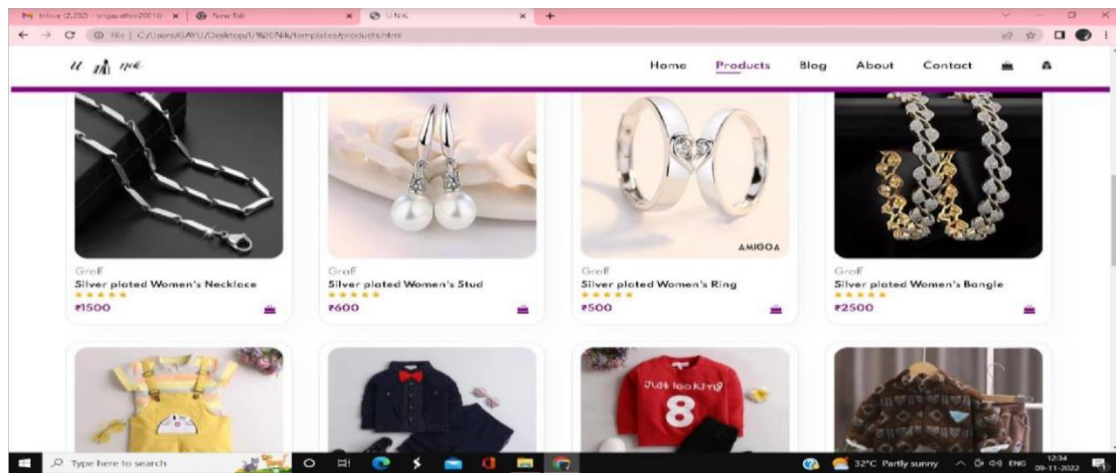
6.PROJECT PLANNING AND SCHEDULING

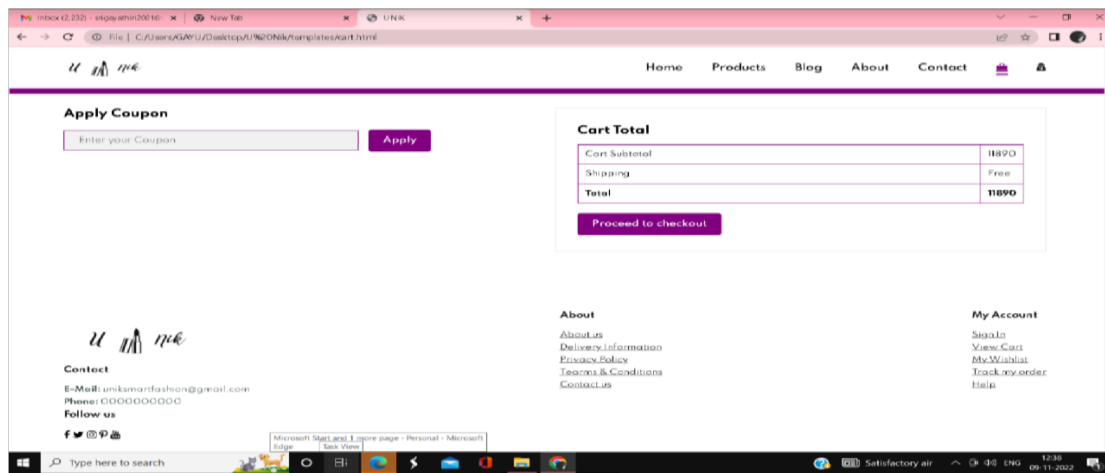
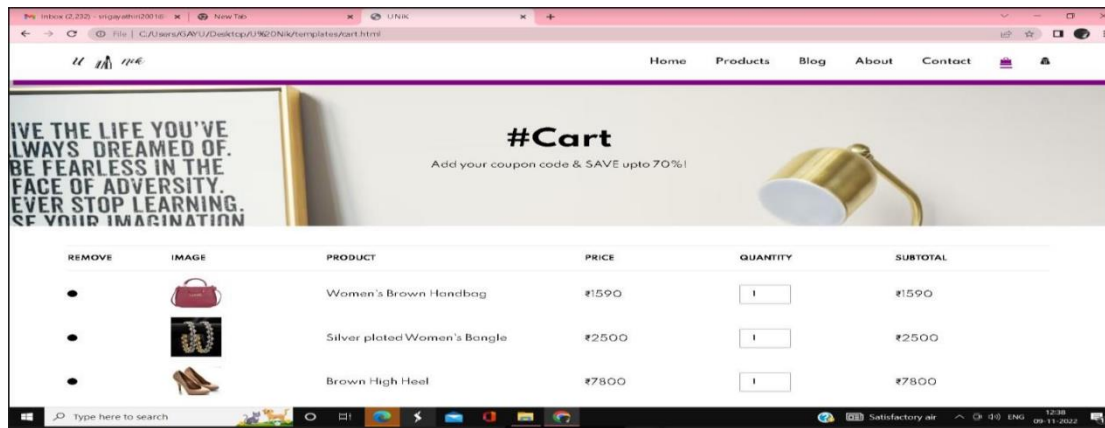
6.1 SPRINT PLANNING AND ESTIMATION



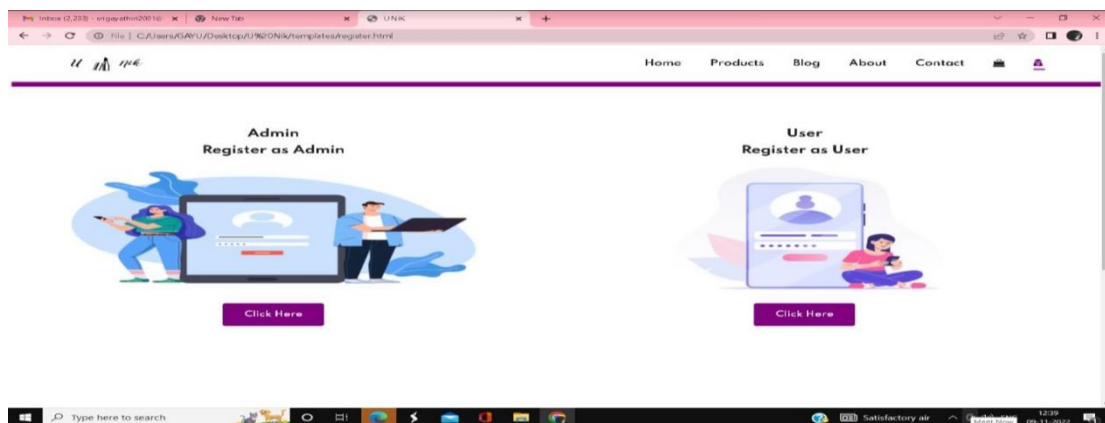




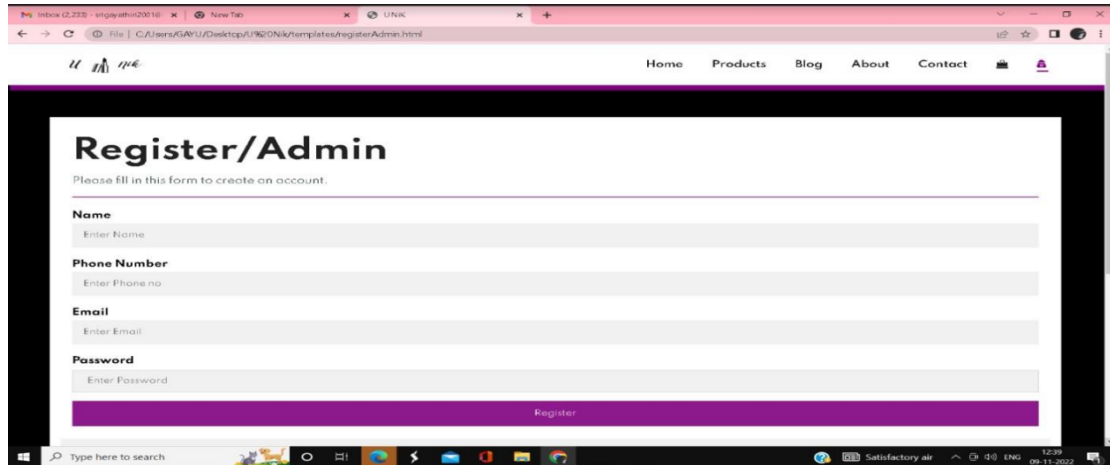




Register and Login Page:

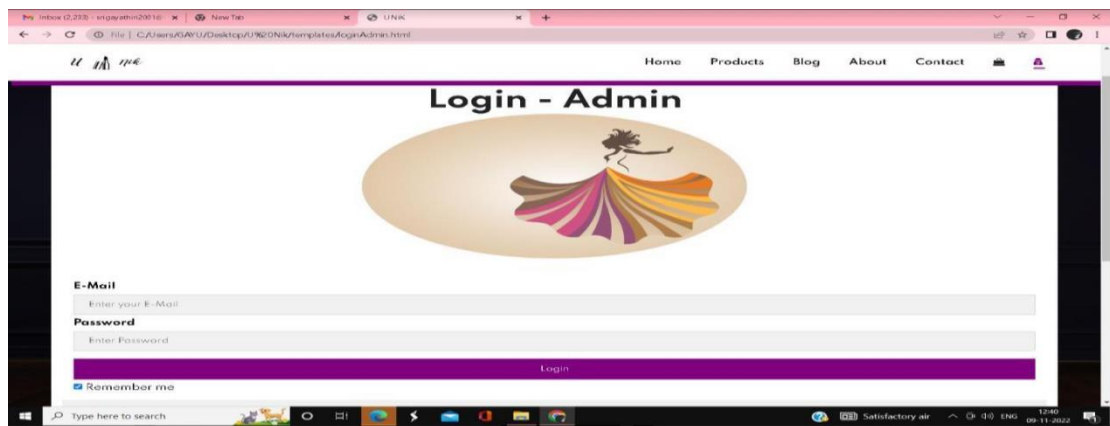


Admin Register Page:



The screenshot shows a web browser window with the URL `file:///C:/Users/ASAF/Desktop/UNIK/templates/registerAdmin.html`. The page has a navigation bar with links: Home, Products, Blog, About, Contact. The main content area is titled "Register/Admin" and includes the instruction "Please fill in this form to create an account." Below this, there are four input fields: "Name" (placeholder: Enter Name), "Phone Number" (placeholder: Enter Phone no), "Email" (placeholder: Enter Email), and "Password" (placeholder: Enter Password). A purple "Register" button is at the bottom of the form.

Admin Login Page:



The screenshot shows a web browser window with the URL `file:///C:/Users/ASAF/Desktop/UNIK/templates/loginAdmin.html`. The page has a navigation bar with links: Home, Products, Blog, About, Contact. The main content area is titled "Login - Admin" and features a decorative illustration of a person in a colorful, flowing dress. Below the illustration, there are two input fields: "E-Mail" (placeholder: Enter your E-Mail) and "Password" (placeholder: Enter Password). A purple "Login" button is at the bottom of the form, and a "Remember me" checkbox is located below the button.

User Register Page:

Register/User

Please fill in this form to create an account.

Name
Enter Name

Phone Number
Enter Phone no

Email
Enter Email

Password
Enter Password

Register

User Login Page:

Login - User

E-Mail
Enter your E-Mail

Password
Enter Password

Remember me

Login

6.2 Sprint delivery schedule:

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	User Panel	USN-1	The user will login into the website and go through the products available on the website	20	High	Monica M Mahima K Nivetha A Pavithra devi V
Sprint-2	Admin panel	USN-2	The role of the admin is to check out the database about the stock and have a track of all the things that the users are purchasing.	20	High	Monica M Mahima K Nivetha A Pavithra devi V
Sprint-3	Chat Bot	USN-3	The user can directly talk to Chatbot regarding the products. Get the recommendations based on information provided by the user.	20	High	Monica M Mahima K Nivetha A Pavithra devi V
Sprint-4	Final delivery	USN-4	Container of applications using docker kubernetes and deployment the application. Create the documentation and final submit the application	20	High	Monica M Mahima K Nivetha A Pavithra devi V

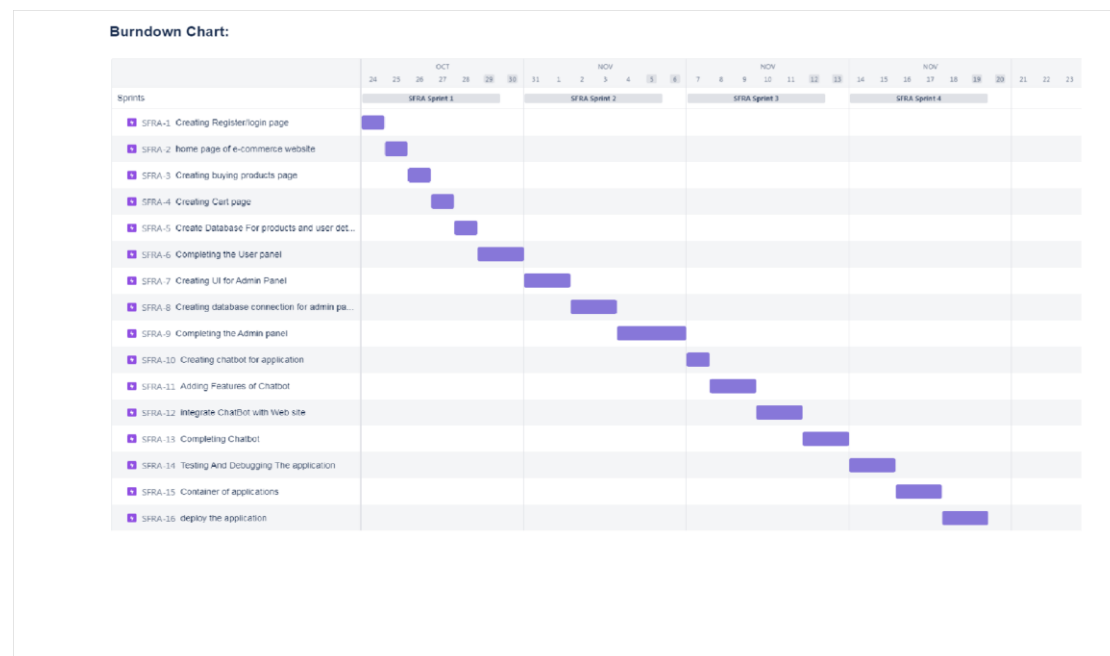
Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022		29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 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)

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



7. Coding & Solutioning:

7.1 Feature 1:

AI Technology Deep Learning Accurately and effectively analyze models of clothing, bring a diverse clothing warehouse to help you create an impressive virtual display stall on Smart Fashion application.

Home.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>View Product</title>
  <script src="https://cdn.jsdelivr.net/npm/@splidejs/splide@2.4.21/dist/js/splide.min.js"></script>
  <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/@splidejs/splide@2.4.21/dist/css/splide.min.css"/>
```

```
<meta content="text/html; charset=iso-8859-2" http-equiv="Content-Type">
<link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
<link rel="stylesheet" href="{{url_for('static',filename='styles/home.css')}}">
<style>
    @import
url('https://fonts.googleapis.com/css2?family=Poppins:ital,wght@0,100;0,200;0,300;0,400;0,500;0,600;0,700;0,800;0,900;1,100;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900&display=swap');
h1,h2,h3{
    color: #fff;
    font-family: 'Poppins', sans-serif;
}
</style>
</head>
<body>
<div class="navbar">
<a href="/logout">LOG OUT</a>
<div class="title">
<h3 style="right:0;font-family:'Lobster', cursive; color: #fff;margin: 1%;">InfiniteArt</h3>
</div>
</div>
<div class="co">
<div class="w3-content w3-section" style="max-width:100%;;>



</div>
</div>
<h2>TRENDING SHIRTS</h2>
<div class="splide" style="padding: 0;margin:0">
<div class="splide__track">
<ul class="splide__list">
{% for item in dictionary %}
<li class="splide__slide">
<div class="container">
<div class="card">

<div class="image">


</div>

<div class="descrpton">

<h2>{{item.NAME}}</h2>

<div class="size">
<span>7</span>
<span>8</span>
<span>9</span>
<span>10</span>
</div>
<h3>£8360;{{item.RATE}}</h3>
<div class="color">
<h3>Color: </h3>

```

```

        <span></span>
        <span></span>
        <span></span>
    </div>
    <a href="#">Buy now</a>
</div>

</div>
</div>
</li>
{% endfor %}
<!-- pant -->
</ul>
</div>
</div>
<H2>TRENDING PANTS</H2>
<div id="pant" class="splide" style="margin:0;background: #131313;" >
    <div class="splide__track">
        <ul class="splide__list">
            {% for item in pants %}
            <li class="splide__slide">
                <div class="container">
                    <div class="card">

                        <div class="image">
                            

                        </div>

                        <div class="descripton">

                            <h2>{{item.NAME}}</h2>

                            <div class="size">
                                <span>7</span>
                                <span>8</span>
                                <span>9</span>
                                <span>10</span>
                            </div>
                            <h3>&#8360;{{item.RATE}}</h3>
                            <div class="color">
                                <h3>Color: </h3>
                                <span></span>
                                <span></span>
                                <span></span>
                            </div>
                            <a href="#">Buy now</a>
                        </div>
                    </div>
                </div>
            </li>
            {% endfor %}
            <!-- pant -->
        </ul>
    </div>
</div>

```

```

<h2>TRENDING WATCHES</h2>
<div id="watch" class="splide" style="padding: 0;margin:0;background: #131313;" >
  <div class="splide__track">
    <ul class="splide__list">
      {% for item in watchs %}
      <li class="splide__slide">
        <div class="container">
          <div class="card">

            <div class="image">
              

            </div>

            <div class="descrpton">

              <h2>{{item.NAME}}</h2>

              <div class="size">
                <span>7</span>
                <span>8</span>
                <span>9</span>
                <span>10</span>
              </div>
              <h3>&#360;{{item.RATE}}</h3>
              <div class="color">
                <h3>Color: </h3>
                <span></span>
                <span></span>
                <span></span>
              </div>
              <a href="#">Buy now</a>
            </div>
          </div>
        </li>
      {% endfor %}
    </ul>
  </div>
</div>
<h2>TRENDING RINGS</h2>
<div id="ring" class="splide" style="padding: 0;margin:0;background: #131313;" >
  <div class="splide__track">
    <ul class="splide__list">
      {% for item in rings %}
      <li class="splide__slide">
        <div class="container">
          <div class="card">

            <div class="image">
              

            </div>

            <div class="descrpton">

```



```

        <h2>{{item.NAME}}</h2>

        <div class="size">
            <span>7</span>
            <span>8</span>
            <span>9</span>
            <span>10</span>
        </div>
        <h3>{{item.RATE}}</h3>
        <div class="color">
            <h3>Color: </h3>
            <span></span>
            <span></span>
            <span></span>
        </div>
        <a href="#">Buy now</a>
    </div>
</div>
</li>
{% endfor %}
<!-- pant -->
</ul>
</div>

</div>
<script>
var splide = new Splide( '.splide', {
    type : 'loop',
    perPage : 4,
    autoplay: true,
});

splide.mount();

document.addEventListener('DOMContentLoaded', function () {
    new Splide('#pant', {
        perPage: 4,
        perMove: 1,
        gap: "30px",
        pagination: false,
    }).mount();
});

document.addEventListener('DOMContentLoaded', function () {
    new Splide('#watch', {
        perPage: 4,
        perMove: 1,
        gap: "30px",
        pagination: false,
    }).mount();
});

document.addEventListener('DOMContentLoaded', function () {
    new Splide('#ring', {
        perPage: 4,
        perMove: 1,

```

```
gap: "30px",
pagination: false,
}).mount();
});
```

```
</script>
```

```
<script>
var splid = new Splide( '.splid', {
type  : 'loop',
perPage : 4,
autoplay: true,
} );
splid.mount();
</script>
```

```
<script>
var myIndex = 0;
carousel();

function carousel() {
var i;
var x = document.getElementsByClassName("mySlides");
for (i = 0; i < x.length; i++) {
x[i].style.display = "none";
}
myIndex++;
if (myIndex > x.length) {myIndex = 1}
x[myIndex-1].style.display = "block";
setTimeout(carousel, 2000); // Change image every 2 seconds
}
</script>
```

```
</body>
```

```
</html>
```

Index.html:

```
<!DOCTYPE html>
```

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

```
<head>
```

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

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

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

```
  <title>U NiK</title>
```

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

```
  <link rel="stylesheet" href="https://unik.s3.jp-tok.cloud-object-storage.appdomain.cloud/style.css">
```

```
</head>
```

```
<body>
```

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

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

```
  <div>
```

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

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

```

        <li><a href="/products">Products</a></li>
        <li><a href="/blog">Blog</a></li>
        <li><a href="/about">About</a></li>
        <li><a href="/contact">Contact</a></li>
        <li><a href="/cart"><i class="fa fa-shopping-bag"></i></a></li>
        <li><a href="/register"><i class="fa fa-user-secret"></i></a></li>
    </ul>
</div>
</section>

<section id="hero">
    <h4>Trade-in-offer</h4>
    <h2>Smart Fashion Recommender</h2>
    <h1>Application</h1>
    <p>Chat with FIND to get personalized products</p>
    <a href="/products"><button class="normal">Shop now</button></a>
</section>

<section id="feature" class="section-p1">
    <div class="fe-box">
        
        <h6>Free Shipping</h6>
    </div>
    <div class="fe-box">
        
        <h6>Online Order</h6>
    </div>
    <div class="fe-box">
        
        <h6>Save Money</h6>
    </div>
    <div class="fe-box">
        
        <h6>Promotions</h6>
    </div>
    <div class="fe-box">
        
        <h6>Happy Sell</h6>
    </div>
    <div class="fe-box">
        
        <h6>F24/7 Support</h6>
    </div>
</section>

<section id="product1" class="section-p1">
    <h2>Featured Product</h2>
    <p>New Collections New Modern Designs</p>
    <div class="pro-container">
        <div class="pro">
            

```

```

<div class="des">
  <span>adidas</span>
  <h5>Blue n Brown T-Shirts</h5>
  <div class="star">
    <i class="fa fa-star"></i>
    <i class="fa fa-star"></i>
    <i class="fa fa-star"></i>
    <i class="fa fa-star"></i>
    <i class="fa fa-star"></i>
  </div>
  <h4>₹1500</h4>
</div>
<a href="#"><i class="fa fa-shopping-bag bag"></i></a>
</div>
<div class="pro">
  
  <div class="des">
    <span>adidas</span>
    <h5>Blue strip T-Shirts</h5>
    <div class="star">
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
    </div>
    <h4>₹1570</h4>
  </div>
  <a href="#"><i class="fa fa-shopping-bag bag"></i></a>
</div>
<div class="pro">
  
  <div class="des">
    <span>adidas</span>
    <h5>Plain T-Shirts</h5>
    <div class="star">
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
    </div>
    <h4>₹1400</h4>
  </div>
  <a href="#"><i class="fa fa-shopping-bag bag"></i></a>
</div>
<div class="pro">
  
  <div class="des">
    <span>adidas</span>
    <h5>Checked T-Shirts</h5>
    <div class="star">
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
      <i class="fa fa-star"></i>
    </div>
  </div>

```

```

        <i class="fa fa-star"></i>
    </div>
    <h4>₹2000</h4>
</div>
<a href="#"><i class="fa fa-shopping-bag bag"></i></a>
</div>
<div class="pro">
    
    <div class="des">
        <span>Banarasi</span>
        <h5>Georgette Bandhani Rama Blue & Olive Green Saree</h5>
        <div class="star">
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
        </div>
        <h4>₹10,000</h4>
    </div>
    <a href="#"><i class="fa fa-shopping-bag bag"></i></a>
</div>
<div class="pro">
    
    <div class="des">
        <span>Banarasi</span>
        <h5>Banarasi Silk Jaal Dark Maroon Saree</h5>
        <div class="star">
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
        </div>
        <h4>₹9000</h4>
    </div>
    <a href="#"><i class="fa fa-shopping-bag bag"></i></a>
</div>
<div class="pro">
    
    <div class="des">
        <span>Banarasi</span>
        <h5>Banarasi Silk Buttis Yellow Saree</h5><br>
        <div class="star">
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
        </div>
        <h4>₹8000</h4>
    </div>
    <a href="#"><i class="fa fa-shopping-bag bag"></i></a>
</div>
<div class="pro">
    
    <div class="des">

```

```

        <span>Banarasi</span>
        <h5>Banarasi Silk Jaal Purple Saree</h5><br>
        <div class="star">
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
        </div>
        <h4>₹6000</h4>
    </div>
    <a href="#"><i class="fa fa-shopping-bag bag"></i></a>
</div>
</section>

<section id="banner" class="section-m1">
    <h4>Repair Services</h4>
    <h2>Up to <span>70% off</span> All t-Shirts & Accessories</h2>
    <a href="/products"><button class="normal">Explore More</button></a>
</section>

<section id="product1" class="section-p1">
    <h2>New Arrivals</h2>
    <p>Branded shoe's and T-shirts </p>
    <div class="pro-container">
        <div class="pro">
            
            <div class="des">
                <span>adidas</span>
                <h5>Blue Shoe</h5>
                <div class="star">
                    <i class="fa fa-star"></i>
                    <i class="fa fa-star"></i>
                    <i class="fa fa-star"></i>
                    <i class="fa fa-star"></i>
                    <i class="fa fa-star"></i>
                </div>
                <h4>₹6000</h4>
            </div>
            <a href="#"><i class="fa fa-shopping-bag bag"></i></a>
        </div>
        <div class="pro">
            
            <div class="des">
                <span>adidas</span>
                <h5>Brown leather shoe</h5>
                <div class="star">
                    <i class="fa fa-star"></i>
                    <i class="fa fa-star"></i>
                    <i class="fa fa-star"></i>
                    <i class="fa fa-star"></i>
                    <i class="fa fa-star"></i>
                </div>
                <h4>₹8000</h4>
            </div>
        </div>
    </div>

```

```

        </div>
        <a href="#"><i class="fa fa-shopping-bag bag"></i></a>
    </div>
    <div class="pro">
        
        <div class="des">
            <span>adidas</span>
            <h5>Sandle High Heel</h5>
            <div class="star">
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
            </div>
            <h4>₹6600</h4>
        </div>
        <a href="#"><i class="fa fa-shopping-bag bag"></i></a>
    </div>
    <div class="pro">
        
        <div class="des">
            <span>adidas</span>
            <h5>Brown High Heel</h5>
            <div class="star">
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
            </div>
            <h4>₹7800</h4>
        </div>
        <a href="/cart"><button onclick=onclick="mycart()"><i class="fa fa-shopping-bag
bag"></i></button></a>
    </div>
    <div class="pro">
        
        <div class="des">
            <span>adidas</span>
            <h5>Black Smile T-Shirts</h5>
            <div class="star">
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
                <i class="fa fa-star"></i>
            </div>
            <h4>₹900</h4>
        </div>
        <a href="#"><i class="fa fa-shopping-bag bag"></i></a>
    </div>
    <div class="pro">
        
        <div class="des">

```

```

        <span>adidas</span>
        <h5>Pink dog T-Shirts</h5>
        <div class="star">
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
        </div>
        <h4>₹900</h4>
    </div>
    <a href="#"><i class="fa fa-shopping-bag bag"></i></a>
</div>
<div class="pro">
    
    <div class="des">
        <span>adidas</span>
        <h5>Black and White Trendy Shirt</h5>
        <div class="star">
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
        </div>
        <h4>₹1500</h4>
    </div>
    <a href="#"><i class="fa fa-shopping-bag bag"></i></a>
</div>
<div class="pro">
    
    <div class="des">
        <span>adidas</span>
        <h5>Green Panda Shirt</h5>
        <div class="star">
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
            <i class="fa fa-star"></i>
        </div>
        <h4>₹600</h4>
    </div>
    <a href="#"><i class="fa fa-shopping-bag bag"></i></a>
</div>
</div>
</section>

<section id="sm-banner" class="section-p1">
    <div class="banner-box">
        <h4>Crazy Deals</h4>
        <h2>Buy 1 get 1 free</h2>
        <span>The best classic dress is on sale at U Nik</span>
        <a href="/products"><button class="white">Learn More </button></a>
    </div>
    <div class="banner-box banner-box2">
        <h4>spring/summer</h4>

```



```

        <h2>upcommig seasons</h2>
        <span>The best classic dress is on sale at U Nik</span>
        <a href="/blog"><button class="white">Collection</button></a>
    </div >
</section>

```

```

<section id="banner3">
    <div class="banner-box">
        <h2>SEASONAL SALE</h2>
        <h3>Winter collection 50% off</h3>
    </div >
    <div class="banner-box banner-box2">
        <h2>SEASONAL SALE</h2>
        <h3>Winter collection 50% off</h3>
    </div >
    <div class="banner-box banner-box3">
        <h2>SEASONAL SALE</h2>
        <h3>Winter collection 50% off</h3>
    </div >
</section>

```

```

<section id="newsletter" class="section-p1">
    <div class="newstext">
        <h4>Sign up for NewsLetters</h4>
        <p>Get Email updates about our latest shop and <span>special offer</span>
        </p>
    </div>
    <div class="form">
        <input type="text" placeholder="Your E-mail Address">
        <button class="normal">Sign Up</button>
    </div>
</section>

```

```

<footer class="section-p1">
    <div class="col">
        
        <h4>Contact</h4>
        <p><strong>E-Mail: </strong>fashion@gmail.com</p>
        <p><strong>Phone: </strong>9898989795</p>
        <div class="follow">
            <h4>Follow us</h4>
            <div class="icon">
                <i class="fa fa-facebook-f"></i>
                <i class="fa fa-twitter"></i>
                <i class="fa fa-instagram"></i>
                <i class="fa fa-pinterest-p"></i>
                <i class="fa fa-youtube"></i>
            </div>
        </div>
    </div>
</div>

```

```

<div class="col">
    <h4>About</h4>
    <a href="#">About us</a>
    <a href="#">Delivery Information</a>
    <a href="#">Privacy Policy</a>

```

```

        <a href="#">Terms & Conditions</a>
        <a href="#">Contact us</a>
    </div>

    <div class="col">
        <h4>My Account</h4>
        <a href="#">Sign In</a>
        <a href="#">View Cart</a>
        <a href="#">My Wishlist</a>
        <a href="#">Track my order</a>
        <a href="#">Help</a>
    </div>

</footer>
    <div class="copyright">
        <center><p> C 2022, PNT2022TMID18271 - Smart Fashion Recommender Application
    </p></center>
    </div>

<script>

function mycart(){
    alert("Added to cart :)")
}

window.watsonAssistantChatOptions = {
    integrationID: "5ddc2b44-af18-41f8-b5be-fbacc52d49da", // The ID of this integration.
    region: "us-south", // The region your integration is hosted in.
    serviceInstanceID: "06c70e8f-e24c-4270-a448-65a2517c4baa", // The ID of your service instance.
    onLoad: function(instance) { instance.render(); }
};
setTimeout(function(){
    const t=document.createElement('script');
    t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
    document.head.appendChild(t);
});
</script>

</body>

</html>
Loginadmin.html:
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>U NiK</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
    <link rel="stylesheet" href="https://unik.s3.jp-tok.cloud-object-storage.appdomain.cloud/style.css">

```

</head>

<body>

<section id="header">

<div>

<ul id="navbar">

Home

Products

Blog

About

Contact

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

<i class="fa fa-user-secret"></i>

</section>

<section id="login">

<form method="post">

<div class="imgcontainer">

<h2>Login - Admin</h2>

</div>

<div class="container">

<label for="mailid">E-Mail</label>

<input type="text" placeholder="Enter your E-Mail" name="email" required>

<label for="psw">Password</label>

<input type="password" placeholder="Enter Password" name="psw" required>

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

 <h3 style="color: red">{{error}} </h3>

<h3 style="color: green">{{success}}</h3>

<label>

<input type="checkbox" checked="checked" name="remember"> Remember me

</label>

</div>

<div class="container signin">

<p>Forget Password Click here .</p>

</div>

</form>

</section>

<footer class="section-p1">

<div class="col">

<h4>Contact</h4>

```

<p><strong>E-Mail: </strong>fashion@gmail.com</p>
<p><strong>Phone: </strong>9898989795</p>
<div class="follow">
  <h4>Follow us</h4>
  <div class="icon">
    <i class="fa fa-facebook-f"></i>
    <i class="fa fa-twitter"></i>
    <i class="fa fa-instagram"></i>
    <i class="fa fa-pinterest-p"></i>
    <i class="fa fa-youtube"></i>
  </div>
</div>
</div>

<div class="col">
  <h4>About</h4>
  <a href="#">About us</a>
  <a href="#">Delivery Information</a>
  <a href="#">Privacy Policy</a>
  <a href="#">Terms & Conditions</a>
  <a href="#">Contact us</a>
</div>

<div class="col">
  <h4>My Account</h4>
  <a href="#">Sign In</a>
  <a href="#">View Cart</a>
  <a href="#">My Wishlist</a>
  <a href="#">Track my order</a>
  <a href="#">Help</a>
</div>

</footer>
  <div class="copyright">
    <center><p> C 2022, PNT2022TMID18271 - Smart Fashion Recommender Application
  </p></center>
  </div>

  <script>
window.watsonAssistantChatOptions = {
  integrationID: "5ddc2b44-af18-41f8-b5be-fbacc52d49da", // The ID of this integration.
  region: "us-south", // The region your integration is hosted in.
  serviceInstanceID: "06c70e8f-e24c-4270-a448-65a2517c4baa", // The ID of your service instance.
  onLoad: function(instance) { instance.render(); }
};
setTimeout(function(){
  const t=document.createElement('script');
  t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
  document.head.appendChild(t);
});
</script>

</body>

```

```

</html>
Loginuser.html:
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>U NiK</title>
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
  <link rel="stylesheet" href="https://unik.s3.jp-tok.cloud-object-storage.appdomain.cloud/style.css">
</head>

<body>

  <section id="header">
    <a href="#"></a>

    <div>
      <ul id="navbar">
        <li><a href="/index">Home</a></li>
        <li><a href="/products">Products</a></li>
        <li><a href="/blog">Blog</a></li>
        <li><a href="/about">About</a></li>
        <li><a href="/contact">Contact</a></li>
        <li><a href="/cart"><i class="fa fa-shopping-bag"></i></a></li>
        <li><a class="active" href="/register"><i class="fa fa-user-secret"></i></a></li>
      </ul>
    </section>

    <section id="login">

      <form method="post">
        <div class="imgcontainer">
          <h2>Login - User</h2>
          
        </div>

        <div class="container">
          <label for="mailid"><b>E-Mail</b></label>
          <input type="text" placeholder="Enter your E-Mail" name="email" required>

          <label for="psw"><b>Password</b></label>
          <input type="password" placeholder="Enter Password" name="psw" required>

          <button type="submit">Login</button>
          <br> <h3 style="color: red">{{error}} </h3>
          <h3 style="color: green">{{success}}</h3>
          <br>
          <label>
            <input type="checkbox" checked="checked" name="remember"> Remember me
          </label>

```

```

</div>

<div class="container signin">
  <p>Forget Password <a href="#"> Click here </a>.</p>
</div>
</form>
</section>

<footer class="section-p1">
  <div class="col">
    
    <h4>Contact</h4>
    <p><strong>E-Mail: </strong>fashion@gmail.com</p>
    <p><strong>Phone: </strong>9898989795</p>
    <div class="follow">
      <h4>Follow us</h4>
      <div class="icon">
        <i class="fa fa-facebook-f"></i>
        <i class="fa fa-twitter"></i>
        <i class="fa fa-instagram"></i>
        <i class="fa fa-pinterest-p"></i>
        <i class="fa fa-youtube"></i>
      </div>
    </div>
  </div>
</div>

<div class="col">
  <h4>About</h4>
  <a href="#">About us</a>
  <a href="#">Delivery Information</a>
  <a href="#">Privacy Policy</a>
  <a href="#">Terms & Conditions</a>
  <a href="#">Contact us</a>
</div>

<div class="col">
  <h4>My Account</h4>
  <a href="#">Sign In</a>
  <a href="#">View Cart</a>
  <a href="#">My Wishlist</a>
  <a href="#">Track my order</a>
  <a href="#">Help</a>
</div>

</footer>
<div class="copyright">
  <center><p> C 2022, PNT2022TMID18271 - Smart Fashion Recommender Application
</p></center>
</div>

<script>
window.watsonAssistantChatOptions = {

```

```

integrationID: "5ddc2b44-af18-41f8-b5be-fbacc52d49da", // The ID of this integration.
region: "us-south", // The region your integration is hosted in.
serviceInstanceID: "06c70e8f-e24c-4270-a448-65a2517c4baa", // The ID of your service instance.
onLoad: function(instance) { instance.render(); }
};
setTimeout(function(){
  const t=document.createElement('script');
  t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
  document.head.appendChild(t);
});
</script>

```

```
</body>
```

```
</html>
```

Register.html:

```
<!DOCTYPE html>
```

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

```
<head>
```

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

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

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

```
  <title>U NiK</title>
```

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

```
  <link rel="stylesheet" href="https://unik.s3.jp-tok.cloud-object-storage.appdomain.cloud/style.css">
```

```
  <style>
```

```
    * {
      box-sizing: border-box;
    }
```

```
    #split{
      padding-top:40px;
    }
```

```
    #split .row{
      padding-bottom:125px;
    }
```

```
    #split h4{
      padding-top:10px;
      text-align:center;
    }
```

```
    .column {
      float: left;
      width: 43.33%;
      margin:40px;
      padding: 5px;
    }
```

```
    button.normal{
      font-size:14px;
      font-weight:600;
    }
```

```

padding:15px 30px;
color:#fff;
background-color:#800080;
border-radius:4px;
cursor:pointer;
border:none;
outline:none;
transition:0.2s;
}

/* Clearfix (clear floats) */
.row::after {
  content: "";
  clear: both;
  display: table;
}
</style>
</head>

<body>

  <section id="header">
    <a href="#"></a>

    <div>
      <ul id="navbar">
        <li><a href="/index">Home</a></li>
        <li><a href="/products">Products</a></li>
        <li><a href="/blog">Blog</a></li>
        <li><a href="/about">About</a></li>
        <li><a href="/contact">Contact</a></li>
        <li><a href="/cart"><i class="fa fa-shopping-bag"></i></a></li>
        <li><a class="active" href="/register"><i class="fa fa-user-secret"></i></a></li>
      </ul>
    </section>

    <section id="split">
      <div class="row">
        <div class="column">
          <h4>Admin</h4>
          <h4>Register as Admin</h4>
          
          <a href="/registerAdmin"><center><button class="normalr">Click Here</button></center></a>
        </div>
        <div class="column">
          <h4>User</h4>
          <h4>Register as User</h4>
          
          <a href="/registerUser"><center><button class="normalr">Click Here</button></center></a>
        </div>
      </div>
    </section>

```



```

<footer class="section-p1">
  <div class="col">
    
    <h4>Contact</h4>
    <h4>Admin</h4>
    <p><strong>E-Mail: </strong>fashion@gmail.com</p>
    <p><strong>Phone: </strong>9898989795</p>
    <div class="follow">
      <h4>Follow us</h4>
      <div class="icon">
        <i class="fa fa-facebook-f"></i>
        <i class="fa fa-twitter"></i>
        <i class="fa fa-instagram"></i>
        <i class="fa fa-pinterest-p"></i>
        <i class="fa fa-youtube"></i>
      </div>
    </div>
  </div>

  <div class="col">
    <h4>About</h4>
    <a href="#">About us</a>
    <a href="#">Delivery Information</a>
    <a href="#">Privacy Policy</a>
    <a href="#">Terms & Conditions</a>
    <a href="#">Contact us</a>
  </div>

  <div class="col">
    <h4>My Account</h4>
    <a href="#">Sign In</a>
    <a href="#">View Cart</a>
    <a href="#">My Wishlist</a>
    <a href="#">Track my order</a>
    <a href="#">Help</a>
  </div>

</footer>
<div class="copyright">
  <center><p> C 2022, PNT2022TMID18271 - Smart Fashion Recommender Application
</p></center>
</div>

```

```

<script>
window.watsonAssistantChatOptions = {
  integrationID: "5ddc2b44-af18-41f8-b5be-fbacc52d49da", // The ID of this integration.
  region: "us-south", // The region your integration is hosted in.
  serviceInstanceID: "06c70e8f-e24c-4270-a448-65a2517c4baa", // The ID of your service instance.
  onLoad: function(instance) { instance.render(); }
};
setTimeout(function(){
  const t=document.createElement('script');

```

```

        t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
        document.head.appendChild(t);
    });
</script>

</body>

</html>
registerAdmin.html:
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>U NiK</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-
awesome.min.css">
    <link rel="stylesheet" href="https://unik.s3.jp-tok.cloud-object-storage.appdomain.cloud/style.css">
</head>

<body>

    <section id="header">
        <a href="#"></a>

        <div>
            <ul id="navbar">
                <li><a href="/index">Home</a></li>
                <li><a href="/products">Products</a></li>
                <li><a href="/blog">Blog</a></li>
                <li><a href="/about">About</a></li>
                <li><a href="/contact">Contact</a></li>
                <li><a href="/cart"><i class="fa fa-shopping-bag"></i></a></li>
                <li><a class="active" href="/register"><i class="fa fa-user-secret"></i></a></li>
            </ul>
        </section>

        <section id="register">
            <form method="post">
                <div class="container">
                    <h1>Register/Admin</h1>
                    <p>Please fill in this form to create an account.</p>
                    <hr>

                    <label for="name"><b>Name</b></label>
                    <input type="text" placeholder="Enter Name" name="name" id="name" required>

                    <label for="phn"><b>Email</b></label>
                    <input type="text" placeholder="Enter Email" name="email" id="phn" required>

                    <label for="email"><b>Phone Number</b></label>
                    <input type="text" placeholder="Enter Phone Number" name="phn" id="email" required>

```

```

<label for="psw"><b>Password</b></label>
<input type="password" placeholder="Enter Password" name="psw" id="psw" required>

<button type="submit" class="registerbtn">Register</button>
</div>

<br> <h3 style="color: red">{{error}} </h3>
    <h3 style="color: green">{{success}}</h3>
<br>

<div class="container signin">
<p>Already have an account? <a href="/loginAdmin">Sign in</a>.</p>
</div>
</form>
</section>

<footer class="section-p1">
    <div class="col">
        
        <h4>Contact</h4>
        <p><strong>E-Mail: </strong>fashion@gmail.com</p>
        <p><strong>Phone: </strong>9898989795</p>
        <div class="follow">
            <h4>Follow us</h4>
            <div class="icon">
                <i class="fa fa-facebook-f"></i>
                <i class="fa fa-twitter"></i>
                <i class="fa fa-instagram"></i>
                <i class="fa fa-pinterest-p"></i>
                <i class="fa fa-youtube"></i>
            </div>
        </div>
    </div>
</div>

<div class="col">
    <h4>About</h4>
    <a href="#">About us</a>
    <a href="#">Delivery Information</a>
    <a href="#">Privacy Policy</a>
    <a href="#">Terms & Conditions</a>
    <a href="#">Contact us</a>
</div>

<div class="col">
    <h4>My Account</h4>
    <a href="#">Sign In</a>
    <a href="#">View Cart</a>
    <a href="#">My Wishlist</a>
    <a href="#">Track my order</a>
    <a href="#">Help</a>
</div>

</footer>
    <div class="copyright">

```

```
        <center><p> C 2022, PNT2022TMID18271 - Smart Fashion Recommender Application
    </p></center>
    </div>
```

```
    <script>
    window.watsonAssistantChatOptions = {
      integrationID: "5ddc2b44-af18-41f8-b5be-fbacc52d49da", // The ID of this integration.
      region: "us-south", // The region your integration is hosted in.
      serviceInstanceID: "06c70e8f-e24c-4270-a448-65a2517c4baa", // The ID of your service instance.
      onLoad: function(instance) { instance.render(); }
    };
    setTimeout(function(){
      const t=document.createElement('script');
      t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
      document.head.appendChild(t);
    });
    </script>
```

```
</body>
```

```
</html>
```

registerUser.html:

```
<!DOCTYPE html>
```

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

```
<head>
```

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

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

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

```
  <title>U NiK</title>
```

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

```
  <link rel="stylesheet" href="https://unik.s3.jp-tok.cloud-object-storage.appdomain.cloud/style.css">
```

```
</head>
```

```
<body>
```

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

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

```
    <div>
```

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

```
        <li><a href="/index">Home</a></li>
```

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

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

```
        <li><a href="/about">About</a></li>
```

```
        <li><a href="/contact">Contact</a></li>
```

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

```
        <li><a class="active" href="/register"><i class="fa fa-user-secret"></i></a></li>
```

```
      </ul>
```

```
    </section>
```

```

<section id="register">
  <form method="post">
    <div class="container">
      <h1>Register/User</h1>
      <p>Please fill in this form to create an account.</p>
      <hr>

      <label for="name"><b>Name</b></label>
      <input type="text" placeholder="Enter Name" name="name" id="name" required>

      <label for="phn"><b>Email</b></label>
      <input type="text" placeholder="Enter Email" name="email" id="phn" required>

      <label for="email"><b>Phone Number</b></label>
      <input type="text" placeholder="Enter Phone Number" name="phn" id="email" required>

      <label for="psw"><b>Password</b></label>
      <input type="password" placeholder="Enter Password" name="psw" id="psw" required>

      <button type="submit" class="registerbtn">Register</button>

      <br> <h3 style="color: red">{{error}} </h3>
      <h3 style="color: green">{{success}}</h3>
      <br>
    </div>

    <div class="container signin">
      <p>Already have an account? <a href="/loginUser">Sign in</a>.</p>
    </div>
  </form>
</section>

```

```

<footer class="section-p1">
  <div class="col">
    
    <h4>Contact</h4>
    <p><strong>E-Mail: </strong>fashion@gmail.com</p>
    <p><strong>Phone: </strong>9898989795</p>
    <div class="follow">
      <h4>Follow us</h4>
      <div class="icon">
        <i class="fa fa-facebook-f"></i>
        <i class="fa fa-twitter"></i>
        <i class="fa fa-instagram"></i>
        <i class="fa fa-pinterest-p"></i>
        <i class="fa fa-youtube"></i>
      </div>
    </div>
  </div>
</div>

<div class="col">
  <h4>About</h4>
  <a href="#">About us</a>
  <a href="#">Delivery Information</a>

```

```

        <a href="#">Privacy Policy</a>
        <a href="#">Terms & Conditions</a>
        <a href="#">Contact us</a>
    </div>

    <div class="col">
        <h4>My Account</h4>
        <a href="#">Sign In</a>
        <a href="#">View Cart</a>
        <a href="#">My Wishlist</a>
        <a href="#">Track my order</a>
        <a href="#">Help</a>
    </div>

</footer>
    <div class="copyright">
        <center><p> C 2022, PNT2022TMID18271 - Smart Fashion Recommender Application
    </p></center>
    </div>

</body>

<script>
window.watsonAssistantChatOptions = {
  integrationID: "5ddc2b44-af18-41f8-b5be-fbacc52d49da", // The ID of this integration.
  region: "us-south", // The region your integration is hosted in.
  serviceInstanceID: "06c70e8f-e24c-4270-a448-65a2517c4baa", // The ID of your service instance.
  onLoad: function(instance) { instance.render(); }
};
setTimeout(function(){
  const t=document.createElement('script');
  t.src="https://web-chat.global.assistant.watson.appdomain.cloud/versions/" +
(window.watsonAssistantChatOptions.clientVersion || 'latest') + "/WatsonAssistantChatEntry.js";
  document.head.appendChild(t);
});
</script>

</body>

</html>

```

7.2 Feature 2:



style.css:

```
@import  
url('https://fonts.googleapis.com/css2?family=Spartan:wght@100;200;300;400;500;600;700;800;900&  
display=swap');
```

```
*{  
  margin:0;  
  padding:0;  
  box-sizing:border-box;  
  font-family: 'Spartan', sans-serif;  
}
```

```
h1{  
  font-size:50px;  
  line-height:64px;  
  color:#222;  
}
```

```
h2{  
  font-size:46px;  
  line-height:54px;  
  color:#222;  
}
```

```
h4{  
  font-size:20px;  
  color:#222;  
}
```

```
h6{  
  font-weight:700;  
  font-size:12px;
```

```

}

p{
  font-size:16px;
  color:#465b52;
  margin:15px 0 20px 0;
}

.section-p1{
  padding:40px 80px;
}

.section-m1{
  padding:40px 0;
}

button.normal{
  font-size:14px;
  font-weight:600;
  padding:15px 30px;
  color:#000;
  background-color:#fff;
  border-radius:4px;
  cursor:pointer;
  border:none;
  outline:none;
  transition:0.2s;
}

button.white{
  font-size:13px;
  font-weight:600;
  padding:11px 18px;
  color:#fff;
  background-color:transparent;
  cursor:pointer;
  border:1px solid #fff;
  outline:none;
  transition:0.2s;
}

body{
  width:100%;
}

/* Header start E3E6F3*/

#header{
  display:flex;
  align-items:center;
  justify-content:space-between;
  padding:6px 60px;
  background:#ffffff;
  box-shadow:5px 10px #800080;
  z-index:999;
  position:sticky;
  top:0;

```



```

    left:0;
}

#navbar{
    display:flex;
    align-items:center;
    justify-content:center;
}

#navbar li{
    list-style:none;
    padding:0 20px;
    position:relative;
}

#navbar li a{
    text-decoration:none;
    font-size:16px;
    font-weight:600;
    color:#1a1a1a;
    transition:0.3s ease;
}

#navbar li a:hover,
#navbar li a.active{
    color:#800080;
}

#navbar li a.active::after,
#navbar li a:hover::after{
    content:"";
    width:30%;
    height:2px;
    background:#800080;
    position:absolute;
    bottom:-4px;
    left:20px;
}

/* Home page */

#hero{
    background-image:url("https://unik.s3.jp-tok.cloud-object-storage.appdomain.cloud/home.jpg");
    height:90vh;
    width:100%;
    background-size:cover;
    background-position: top 25% right 0;
    padding:0 80px;
    display: flex;
    flex-direction:column;
    align-items:flex-start;
    justify-content:center;
}

#hero h4{
    padding-bottom:15px;
}

```

```
#hero h1{
  color:#800080;
}
```

```
#feature{
  display:flex;
  align-items:center;
  justify-content:space-between;
  flex-wrap:wrap;
}
```

```
#feature .fe-box{
  width:180px;
  text-align:center;
  padding:25px 15px;
  box-shadow:20px 20px 34px rgba(0,0,0,0.03);
  border:1px solid #cce7d0;
  border-radius:4px;
  margin:15px 0;
}
```

```
#feature .fe-box:hover{
  box-shadow:20px 10px 54px rgba(70,62,221,0.1);
}
```

```
#feature .fe-box img{
  width:100%;
  margin-bottom:10px;
}
```

```
#feature .fe-box h6{
  display:inline-block;
  padding:9px 8px 6px 8px;
  line-height:1;
  border-radius:4px;
  color:#088178;
  background-color:#fddde4;
}
```

```
#feature .fe-box:nth-child(2) h6{
  background-color: #cdebba;
}
```

```
#feature .fe-box:nth-child(3) h6{
  background-color: #d1edf2;
}
```

```
#feature .fe-box:nth-child(4) h6{
  background-color: #cdd4f8;
}
```

```
#feature .fe-box:nth-child(5) h6{
  background-color: #f6dbf6;
}
```

```
#feature .fe-box:nth-child(6) h6{
  background-color: #fff2e5;
}

#product1{
  text-align:center;
}

#product1 .pro-container{
  display:flex;
  justify-content:space-between;
  padding-top:20px;
  flex-wrap:wrap;
}

#product1 .pro{
  width:23%;
  min-width:250px;
  padding:10px 12px;
  border:1px solid #cce7d0;
  border-radius:25px;
  cursor:pointer;
  box-shadow:20px 20px 30px rgba(0,0,0,0.02);
  margin:15px 0;
  transition: 0.2s ease;
  position:relative;
}

#product1 .pro:hover{
  box-shadow:20px 20px 30px rgba(0,0,0,0.06);
}

#product1 .pro img{
  width:100%;
  border-radius:20px;
}

#product1 .pro .des{
  text-align:start;
  padding:10px 0;
}

#product1 .pro .des span{
  color:#606063;
  font-size:14px;
}

#product1 .pro .des h5{
  padding-top:7px;
  color:#1a1a1a;
  font-size:14px;
}

#product1 .pro .des i{
  font-size:12px;
  color:rgb(243,181,25);
}
```

```
#product1 .pro .des h4{
  padding-top:7px;
  color:#800080;
  font-size:15px;
  font-weight:700;
}
```

```
#product1 .pro .bag{
  width:40px;
  height:40px
  line-height:40px
  border-radius:50px
  background-color:#800080;
  font-weight:500;
  color:#800080;

  position:absolute;
  bottom:20px;
  right:10px;
}
```

```
#banner{
  display:flex;
  flex-direction:column;
  justify-content:center;
  align-items:center;
  text-align:center;
  background-image:url("https://s3.jp-tok.cloud-object-storage.appdomain.cloud/unik/banner.jpg");
  width:100%;
  height:40vh;
  background-size:cover;
  background-position:center;
}
```

```
#banner h4{
  color:#fff;
  font-size:16px;
}
```

```
#banner h2{
  color:#fff;
  font-size:30px;
  padding:10px 0;
}
```

```
#banner h2 span{
  color:#ef3636;
}
```

```
#banner button:hover,
#hero button:hover{
  background:#800080;
  color:#fff;
}
```

```
#sm-banner{
```

```

    display:flex;
    justify-content:space-between;
    flex-wrap:wrap
}

#sm-banner .banner-box{
    display:flex;
    flex-direction:column;
    justify-content:center;
    align-items:flex-start;
    background-image:url("https://s3.jp-tok.cloud-object-storage.appdomain.cloud/unik/sm.jpg");
    min-width:580px;
    height:50vh;
    background-size:cover;
    background-position:center;
    padding:30px;
}

#sm-banner .banner-box2{
    background-image:url("https://s3.jp-tok.cloud-object-storage.appdomain.cloud/unik/sm1.jpg");
}

#sm-banner h4{
    color:#000;
    font-size:20px;
    font-weight:300
}

#sm-banner h2{
    color:#000;
    font-size:28px;
    font-weight:800
}

#sm-banner span{
    color:#000;
    font-size:14px;
    font-weight:500;
    padding-bottom:15px;
}

#sm-banner button{
    color:#000;
}
#sm-banner .banner-box:hover button{
    background:#800080;
    color:#000;
}

#banner3{
    display:flex;
    justify-content:space-between;
    flex-wrap:wrap;
    padding:0 80px;
}

```

```

#banner3 .banner-box{
  display:flex;
  flex-direction:column;
  justify-content:center;
  align-items:flex-start;
  background-image:url("https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/unik/banner31.jpg");
  min-width:30%;
  height:30vh;
  background-size:cover;
  background-position:center;
  padding:8px;
  margin-bottom:20px;
}

#banner3 .banner-box2{
  background-image:url("https://s3.jp-tok.cloud-object-storage.appdomain.cloud/smart3/5.jpg");
}

#banner3 .banner-box3{
  background-image:url("https://s3.jp-tok.cloud-object-
storage.appdomain.cloud/unik/banner33.jpg");
}

#banner3 h2{
  color:#fff;
  font-weight:000;
  font-size:22px;
}

#banner3 h3{
  color:#ec544e;
  font-weight:800;
  font-size:15px;
}

#banner3 .banner-box:hover{
  box-shadow:20px 10px 54px rgba(70,62,221,0.1);
}

#newsletter{
  display:flex;
  justify-content:space-between;
  flex-wrap:wrap;
  align-items:center;
  background-image:url("img/purple.jpg");
  background-repeat:no-repeat;
  background-position:20% 30%;
  background-color:#800080;
}

#newsletter h4{
  font-size:22px;
  font-weight:700;
  color:#000;
}

```

```
#newsletter p{
  font-size:14px;
  font-weight:600;
  color:#000;
}
```

```
#newsletter p span{
  color:#ffbd27;
}
```

```
#newsletter .form{
  display:flex;
  width:40%;
}
```

```
#newsletter input{
  height:3.125rem;
  padding: 0 1.25em;
  font-size:14px;
  width:100%;
  border:1px solid transparent;
  border-radius:4px;
  outline:none;
  border-top-right-radius:0;
  border-bottom-right-radius:0;
}
```

```
#newsletter button{
  background-color:#000;
  color:#fff;
  white-space:nowrap;
  border-top-left-radius:0;
  border-bottom-left-radius:0;
}
```

```
footer{
  display:flex;
  justify-content:space-between;
  flex-wrap:wrap;
}
```

```
footer .col{
  display:flex;
  flex-direction:column;
  align-items:flex-start;
  margin-bottom:20px;
  padding-bottom:20px;
}
```

```
footer .logo{
  margin-bottom:2px;
}
```

```
footer h4{
  font-size:14px;
```

```

padding-bottom:20px;
}

footer p{
font-size:13px;
margin:0 0 8px 0;
}

footer a{
font-size:13px;
text-direction:none;
color:#222;
margin:0 0 8px 0;
}

footer a:hover{
width=100%;
text-align:center;
color:#800080;
}

/* Products Page */

#page-header{
background-image:url("https://s3.jp-tok.cloud-object-storage.appdomain.cloud/unik/pro-
banner.jpg");
width:100%;
height:40vh;
background-size:cover;
display:flex;
justify-content:center;
text-align:center;
flex-direction:column;
padding:14px;
}

#page-header h2,
#page-header p{
color:#000;
}

#pagination{
text-align:center;
}

#pagination a{
text-decoration:none;
background-color:#DDA0DD;
padding:15px 20px;
border-radius:4px;
color:#000;
font-weight:600;
}

#pagination a i{
font-size:16px;
font-weight:600;
}

```



```
}

#pagination a:hover{
    background-color:#800080;
    color:#fff;
}

/* Single Product */

#prodetails{
    display:flex;
    margin-top:20px;
}

#prodetails .single-pro-image{
    width:40%;
    margin-right:50px;
}

.small-img-group{
    display:flex;
    justify-content:space-between;
}

.small-img-col{
    flex-basis:24%;
    cursor:pointer;
}

#prodetails .single-pro-details{
    width:50%;
    padding-top:100px;
}

#prodetails .single-pro-details h4{
    padding: 40px 0 20px 0;
}

#prodetails .single-pro-details h2{
    font-size:26px;
}

#prodetails .single-pro-details select{
    display:block;
    padding:5px 10px;
    margin-bottom:10px;
}

#prodetails .single-pro-details input{
    width:50px;
    height:47px;
    padding-left:10px;
    font-size:16px;
    margin-right:10px;
}

#prodetails .single-pro-details input:focus{
```

```
    outline:none;
}

#prodetails .single-pro-details button{
    background-color:#800080;
    color:#fff;
}

#prodetails .single-pro-details span{
    line-height:25px;
}

/* Blog Page */

#page-header.blog-header{
    background-image:url("https://s3.jp-tok.cloud-object-storage.appdomain.cloud/unik/blog.jpeg");
}

#blog{
    padding :150px 150px 0 150px;
}

#blog .blog-box{
    display:flex;
    align-items:center;
    width:100%;
    position:relative;
    padding-bottom:90px;
}

#blog .blog-img{
    width:50%;
    margin-right:40px;
}

#blog img{
    width:100%;
    height:300px;
    object-fit:cover;
}

#blog .blog-details{
    width:50%;
}

#blog .blog-details a{
    text-decoration:none;
    font-size:11px;
    color:#000;
    font-weight:700;
    position:relative;
    transition:0.3s;
}

#blog .blog-details a::after{
    content:"";
```

```
width:50px;
height:1px;
background-color:#000;
position:absolute;
top:4px;
right:-60px;
}
```

```
#blog .blog-details a:hover{
  color:#800080;
}
```

```
#blog .blog-details a:hover::after{
  background-color:#800080;
}
```

```
#blog .blog-box h1{
  position:absolute;
  top:-40px;
  left:0;
  font-size:70px;
  font-weight:700;
  color:3c9cbce;
  z-index:-9;
}
```

```
/* About Page */
```

```
#page-header.about-header{
  background-image:url(https://s3.jp-tok.cloud-object-storage.appdomain.cloud/unik/about.jpg);
}
```

```
#about-head{
  display:flex;
  align-items:center;
}
```

```
#about-head img{
  width:50%;
  height:auto;
}
```

```
#about-head div{
  padding-left:40px;
}
```

```
#about-app{
  text-align:center;
}
```

```
#about-app .video{
  width:70%;
  height:100%;
  margin:30px auto 0 0;
}
```

```
#about-app .video video{
  width:100%;
  height:100%;
  margin-top:20px;
}

#contact-details{
  display:flex;
  justify-content:space-between;
  flex-wrap:wrap;
}

#contact-details .details{
  width:40%;
}

#contact-details .details span,
#form-details form span{
  font-size:12px;
}

#contact-details .details h2,
#form-details form h2{
  font-size:26px;
  line-height:35px;
  padding:20px 0;
}

#contact-details .details h3{
  font-size:16px;
  padding-bottom:15px;
}

#contact-details .details li{
  list-style:none;
  display:flex;
  padding:10px;
}

#contact-details .details li i{
  font-size:14px;
  padding-right:22px;
}

#contact-details .details li p{
  font-size:14px;
  margin:0;
}

#contact-details .map{
  width:55%;
  height:400px;
}

#contact-details .map iframe{
  width:100%;
  height:100%;
}
```

```

}

#form-details{
  display:flex;
  justify-content:space-between;
  margin:30px;
  padding:80px;
  border:1px solid #800080;
}

#form-details form{
  width:65%;
  display:flex;
  flex-direction:column;
  align-items:flex-start;
}

#form-details form input,
#form-details form textarea{
  width:100%;
  padding:12px 15px;
  outline:none;
  margin-bottom:20px;
  border:1px solid #e1e1e1;
}

#form-details form button{
  background-color:#800080;
  color:#fff;
}

#form-details .people div{
  padding-bottom:25px;
}

#form-details .people div img{
  width:65px;
  height:65px;
  object-fit:cover;
  margin-right:15px;
}

#form-details .people div p{
  margin:0;
  font-size:13px;
  line-height:25px;
}

#form-details .people div p span{
  display:block;
  font-size:16px;
  font-weight:600;
  color:#000;
}

/* Cart Page */

```

```
#cart table{
  width:100%;
  border-collapse:collapse;
  table-layout:fixed;
  white-space:nowrap;
}

#cart table img{
  width:70px;
}

#cart table td:nth-child(1){
  width:100px;
  text-align:center;
}

#cart table td:nth-child(2){
  width:150px;
  text-align:center;
}

#cart table td:nth-child(3){
  width:250px;
  text-align:center;
}

#cart table td:nth-child(4),
#cart table td:nth-child(5),
#cart table td:nth-child(6){
  width:150px;
  text-align:center;
}

#cart table td:nth-child(5) input{
  width:70px;
  padding:10px 5px 10px 15px;
}

#cart table thead{
  border:1px solid #e2e9e1;
  border-left:none;
  border-right:none;
}

#cart table thead td{
  font-weight:bold;
  text-transform:uppercase;
  font-size:13px;
  padding:18px 0;
}

#cart table tbody tr td{
  padding-top:15px;
}
```

```
#cart table tbody t{
  font-size:13px;
}

#cart-add{
  display:flex;
  flex-wrap:wrap;
  justify-content:space-between;
}

#coupon{
  width:50%;
  margin-bottom:30px;
}

#coupon h3,
#subtotal h3{
  padding-bottom:15px;
}

#coupon input{
  padding:10px 20px;
  outline:none;
  width:60%;
  margin-right:10px;
  border:1px solid #800080;
}

#coupon button,
#subtotal button,
#newsletter button{
  background-color:#800080;
  color:#fff;
  padding:12px 20px;
}

#subtotal{
  width:50%;
  margin-bottom:30px;
  border:1px solid #e2e9e1;
  padding:30px;
}

#subtotal table{
  border-collapse:collapse;
  width:100%
  margin-bottom:20px;
}

#subtotal table td{
  width:100%;
  border:1px solid #800080;
  padding:10px;
  font-size:13px;
}
```

```

/* Register */

/* Add padding to containers */
.container,
.imgcontainer {
    padding: 16px;
    background-color: white;
}

#register,
#login{
    border: 60px solid ;
    padding: 15px;
}

/* Full-width input fields */
input[type=text], input[type=password] {
    width: 100%;
    padding: 15px;
    margin: 5px 0 22px 0;
    display: inline-block;
    border: none;
    background: #f1f1f1;
}

input[type=text]:focus, input[type=password]:focus {
    background-color: #fff;
    outline: none;
}

/* Overwrite default styles of hr */
hr {
    border: 1px solid #800080;
    margin-bottom: 25px;
}

/* Set a style for the submit button */
.registerbtn {
    background-color: #800080;
    color: white;
    padding: 16px 20px;
    margin: 8px 0;
    border: none;
    cursor: pointer;
    width: 100%;
    opacity: 0.9;
}
.registerbtn:hover {
    opacity: 1;
}

/* Add a blue text color to links */
#register a {
    color:#800080 ;

```



```

}

/* Set a grey background color and center the text of the "sign in" section */
.signin {
    background-color: #f1f1f1;
    text-align: center;
}

/* Login Page */

#login input[type=text], input[type=password] {
    width: 100%;
    padding: 12px 20px;
    margin: 8px 0;
    display: inline-block;
    border: 1px solid #ccc;
    box-sizing: border-box;
}

#login{
    border: 60px solid ;
    padding: 15px;
    border-image: url(img1.jpg) 30 stretch;
}

#login button {
    background-color: #800080;
    color: white;
    padding: 14px 20px;
    margin: 8px 0;
    border: none;
    cursor: pointer;
    width: 100%;
}

button:hover {
    opacity: 0.8;
}

.imgcontainer {
    text-align: center;
    margin: 24px 0 12px 0;
}

img.avatar {
    width: 40%;
    border-radius: 50%;
}

.container {
    padding: 16px;
}

span.psw {
    float: right;
    padding-top: 16px;
}

```

```
/* Blog 1 */

#blog1{
  text-align:center;
}

#blog1 .pro-container{
  display:flex;
  justify-content:space-between;
  padding-top:20px;
  flex-wrap:wrap;
}

#blog1 .pro{
  width:23%;
  min-width:250px;
  padding:10px 12px;
  border:1px solid #cce7d0;
  border-radius:25px;
  cursor:pointer;
  box-shadow:20px 20px 30px rgba(0,0,0,0.02);
  margin:15px 0;
  transition: 0.2s ease;
  position:relative;
}

#blog1 .pro:hover{
  box-shadow:20px 20px 30px rgba(0,0,0,0.06);
}

#blog1 .pro img{
  width:100%;
  border-radius:20px;
}
```

/* Media query*/

8. Testing:

8.1 Test cases:

Test case ID	Feature Type	Component	Test Scenario	Pre-Requisite	Steps To Execute	Test Data
LoginPage_TC_OO1	Functional	Home Page	Verify user is able to see the Login/Register in the navigation area	Laptop with internet connection	1. Enter URL and click go 2. Click on user symbol at the right corner 3. Verify login/register displayed properly	https://localhost:5000/login https://localhost:5000/register
LoginPage_TC_OO2	UI	Home Page	Verify the UI elements in Login/Register popup	Laptop with internet connection	1. Enter URL and click go 2. Click on user symbol at the right corner 3. Verify login/register link with below UI elements: a. Email text box b. Password text box c. Login button d. New customer? Create register link e. Forget password? Forget password link	https://localhost:5000/login https://localhost:5000/register
LoginPage_TC_OO3	Functional	Home page	Verify user is able to log into application with Valid credentials	Laptop with internet connection	1. Enter URL (https://localhost:5000/) and click go 2. Click on user symbol at the right corner 3. Enter Valid username/email in Email text box 4. Enter valid password in password text box 5. Click on login button	Username: monica m password: monica1234
LoginPage_TC_OO4	Functional	Login page	Verify user is able to log into application with Invalid credentials	Laptop with internet connection	1. Enter URL (https://localhost:5000/) and click go 2. Click on user symbol at the right corner 3. Enter Invalid username/email in Email text box 4. Enter valid password in password text box 5. Click on login button	Username: mahima k password: mahima1432
Verify user is able Chat with chatbot ?	Functional	Home page	Verify user is able to chat with chat Bot	Laptop with internet connection	Chat bot under the website	Purchase items
Verify user is able to Buy products	Functional	product page	verify user is able to order products	Laptop with internet connection	User will buy the products in order page	Click on add to cart

Verify user is get purchase confirmation mail?	Functional	order page	verify user is able to get confirmation mail	Laptop with internet connection	User will enter the Mail	Email

Expected Result	Actual Result	Status	Comments	T.C for Automation(Y/N)	BUG ID	Executed By
Login/Register should display in Navigation area	Working as expected	Pass				Pavithra devi V
Application should show below UI elements: a. email text box b. password text box c. Login link with purple color d. New customer? Create register link e. Forget password? Forget password link	Working as expected	Pass				Nivetha A
User should navigate to user account homepage	Working as Expected	Pass				Mahima K
Application should show 'Incorrect email or password' validation message.	Working as expected	Pass				Monica M

Application will send reply as Product	Working as expected	Pass				Pavithra devi V
Application will send order confirmation message	Working as expected	Pass				Monica M
Application will send confirmation email	Working as expected	Pass				Mahima K

8.2 User Acceptance Testing:

Acceptance Testing UAT Execution & Report Submission

1. Purpose of Document

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

2. Defect Analysis

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

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
By Design	4	4	3	4	15
Duplicate	1	0	3	0	4
External	2	3	0	1	6
Fixed	9	2	3	18	32
Not Reproduced	0	0	1	0	1
Skipped	0	0	1	1	2
Won't Fix	0	5	2	1	8
Totals	14	14	13	25	68

3. Test Case Analysis

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

Section	Total Cases	Not Tested	Fail	Pass
Login	4	0	0	4
Register	6	0	0	6
Home Page	3	0	0	3
Product	5	0	0	5
Order products	8	0	1	7
Final Report Output	3	0	0	3
Version Control	2	0	0	2

8. Results:

8.1 Performance Metrics:

There are various metrics that can help you monitor and assess the performance of your cloud computing resources, including IOPS, filesystem performance, caching, and autoscaling.

Input/Output Operations per Second (IOPS)

IOPS measures the read and write speed of your storage. It is based on variables like the configuration of the disk array, sequential or random data patterns, data block sizes, and the ratio of write and read processes. IOPS values serve as the performance benchmarks for storage devices, and impact the performance of the servers hosting the devices.

File Storage Performance

There are two primary options for managing storage in the cloud:

Running virtual machines and attaching block storage volumes to them - for example, Azure managed disks

'Using managed storage services, such as

Azure Files or Azure NetApp Files
Autoscaling

Autoscaling processes are responsible for either decreasing or increasing the provisioning of resources. There are two types of autoscaling:

Vertical scaling-the process of scaling up, during which you add resources like CPU instances or RAM. You can scale up your network, storage, and compute capabilities. Vertical scaling typically translates into better performance.

Horizontal scaling-the process of scaling out, during which you add more nodes. This means you increase the amount of servers in your current configuration.

Each cloud vendor provides different scaling options and configurations. Before scaling, check with your vendor to determine costs and specifications for each type of system.

9. Advantages:

ADVANTAGES	It resolves the problem for fashion industry through developing clothing brand ontology, yielded through the handcrafted dataset of 5000 pairs of questions/answers, and integrating it with a conversation agent to facilitate online customer	It is very helpful in providing answers to frequently asked questions, such as the delivery conditions, the refund policy, the store locations, etc.	It allows the active user to get recommendation based on products that users with similar interest have purchased and rated positively, and by using the active user's previous ratings and transaction history to build a model that provides a new set of similar products
-------------------	---	--	--

Dis advantages:

DISADVANTAGES	It is limited to only ten clothing brands and provides concern areas information to customers	Users are limited in communication, and have a low level of speech recognition.	It is an extremely difficult task to provide recommendations when the user has been browsing and purchasing anonymously
----------------------	---	---	---

10. *Conclusion:*

In this survey, we have analyzed and classified the RS that function in a specific vertical market: clothes and fashion goods. In particular, we have introduced a taxonomy of fashion recommender systems, which categorizes them according to the task (e.g., item, outfit, size recommendation, explainability among others), and type of side information (users, items, context). We have also identified the most important evaluation goals (outfit generation, outfit recommendation, pair recommendation, fill in the blank, and outfit compatibility prediction) and perspectives (evaluate the recommendation, the explanation, the generated images, or the social perspectives) exploited by the community, together with the most common datasets and evaluation metrics. This domain presents a unique collection of challenges and sub-problems pertinent to the development of successful recommender systems.

11. *Future Scope:*

The future scope of fashion designing in India is not limited to India only however you can have job opportunities aboard as well with your creativity and experience

The Indian fashion industry is estimated to be around 108 billion dollars and is expected to grow 2X by next year and to be estimated to be around 223 billion dollars. It's also an encouraging factor that consumers spend around 6% of their incomes on apparel. While Covid-19 has dented the market as it did for various industries, the sector still presents invigorating opportunities for those who want to pursue a career in it nevertheless. In a country as massive as India, despite dips in trends, the demand will stay up.

12. *Appendix:*

Source code:

App.py:

```
from flask import Flask, render_template, request, redirect, url_for, session
```

```
app = Flask(__name__)
```

```
@app.route("/", methods=['GET'])
```

```
def home():
```

```
    return render_template('index.html', name='Home')
```

```
@app.route("/index")
```

```
def index():
```

```
    return render_template('index.html')
```

```
@app.route("/products")
```

```
def products():
```

```
    return render_template('products.html')
```

```
@app.route("/product1")
```

```
def product1():
```

```
    return render_template('product1.html')
```

```
@app.route("/product2")
```

```
def products2():
```

```
    return render_template('product2.html')
```

```
@app.route("/blog")
def blog():
    return render_template('blog.html')

@app.route("/blog1")
def blog1():
    return render_template('blog1.html')

@app.route("/blog2")
def blog2():
    return render_template('blog2.html')

@app.route("/blog3")
def blog3():
    return render_template('blog3.html')

@app.route("/blog4")
def blog4():
    return render_template('blog4.html')

@app.route("/about")
def about():
    return render_template('about.html')

@app.route("/contact")
def contact():
    return render_template('contact.html')

@app.route("/cart")
def cart():
    return render_template('cart.html')

@app.route("/cart1")
def cart1():
    return render_template('cart1.html')

@app.route("/cart2")
def cart2():
    return render_template('cart2.html')

@app.route("/sproduct")
def sproducts():
    return render_template('sproduct.html')

@app.route("/register")
def registerhome():
    return render_template('register.html')

@app.route("/adminpage")
def adminpage():
    return render_template('adminpage.html')

@app.route("/shoppingcart")
def shoppingcart():
    return render_template('shoppingcart.html')

@app.route("/payment")
```

```

def payment():
    return render_template('payment.html')

@app.route("/registerUser",methods=['GET','POST'])
def register():
    return render_template('registerUser.html',name='Home')

@app.route("/loginUser",methods=['GET','POST'])
def login():
    return render_template('loginUser.html',name='Home')

@app.route("/registerAdmin",methods=['GET','POST'])
def adregister():
    return render_template('registerAdmin.html',name='Home')

@app.route("/loginAdmin",methods=['GET','POST'])
def adlogin():
    return render_template('loginAdmin.html',name='Home')

@app.route("/addproduct",methods=['GET','POST'])
def addproduct():
    return render_template('addproduct.html',success="You have entered the details")

@app.route("/data")
def display():
    col1_list=[]
    col2_list=[]
    col3_list=[]
    col4_list=[]
    #returning to HTML
    return render_template('pro.html',col1= col1_list,col2=col2_list,col3=col3_list,col4=col4_list)

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

```

Github & Project demo link: <https://drive.google.com/file/d/1-BX9J59XklUcx7ixr4KCxFTfQffrwyzl/view?usp=drivesdk>