

# **SMART - FASHION-RECOMMENDER- APPLICATION**

## **1. INTRODUCTION**

### **a. Project Overview**

Smart fashion recommendation systems (FRSs) have attracted a huge amount of attention from fast fashion retailers as they provide a personalized shopping experience to consumers. 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.

### **b. Purpose**

A well-defined user profile can differentiate a more personalized or customized recommendation system from a conventional system. Various research projects on apparel recommendation systems with personalized styling guideline and intelligent recommendation engines have been conducted based on similarity recommendation and expert advisor recommendation systems.

## **2. LITERATURE SURVEY**

### **a. Existing problem**

This article reviews various works in fashion recommenders using deep learning that are published from 2016 to 2020. Researchers have used deep learning models distinctly or by pairing with other machine learning models in building the recommendation system. The manuscript provides a brief description of the persuading deep learning models that owns a place in recommendation systems.

### **b. References**

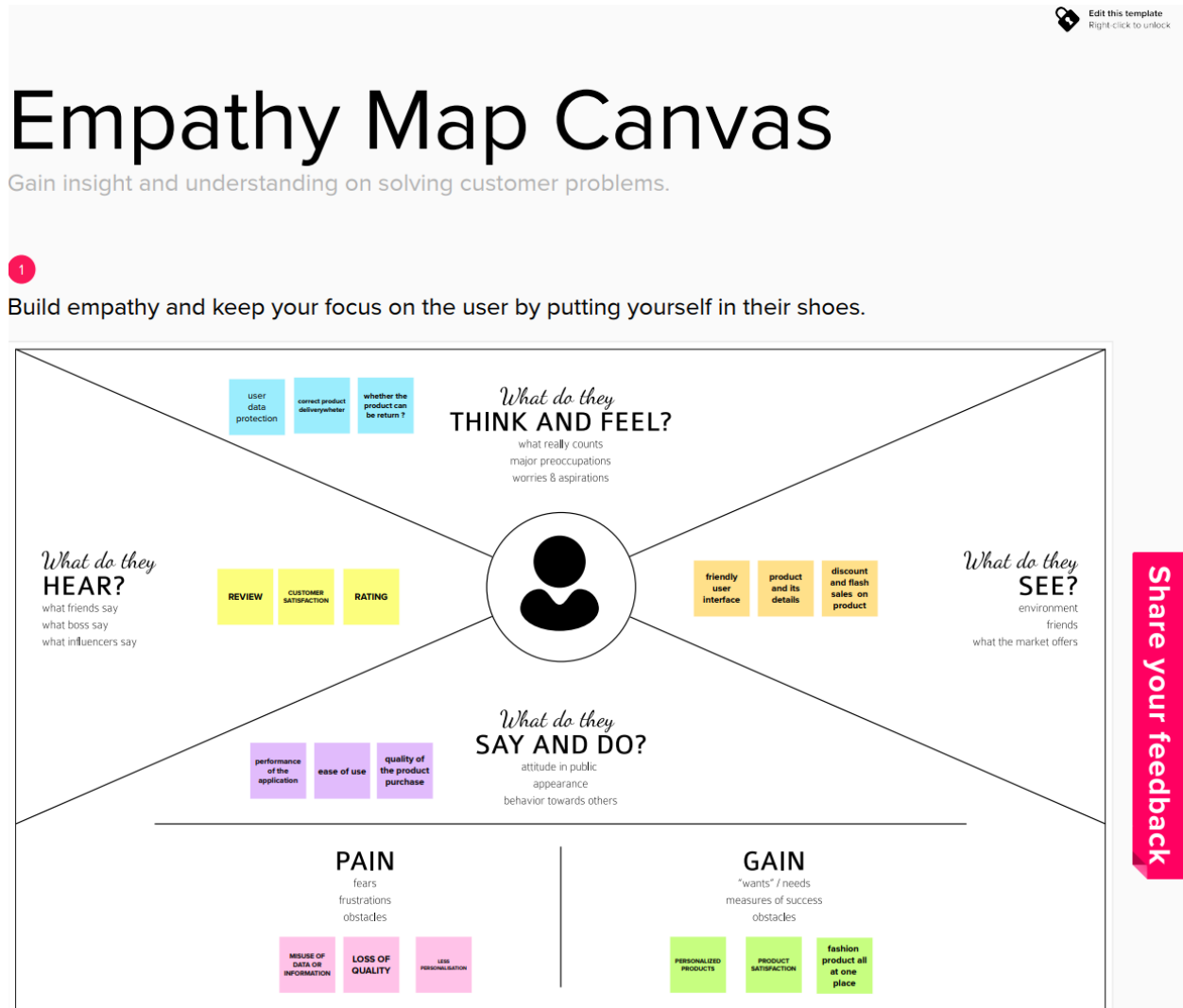
[https://www.researchgate.net/publication/334078160\\_An\\_Intelligent\\_Personalized\\_Fashion\\_Recommendation\\_System](https://www.researchgate.net/publication/334078160_An_Intelligent_Personalized_Fashion_Recommendation_System)

### **c. Problem Statement Definition**

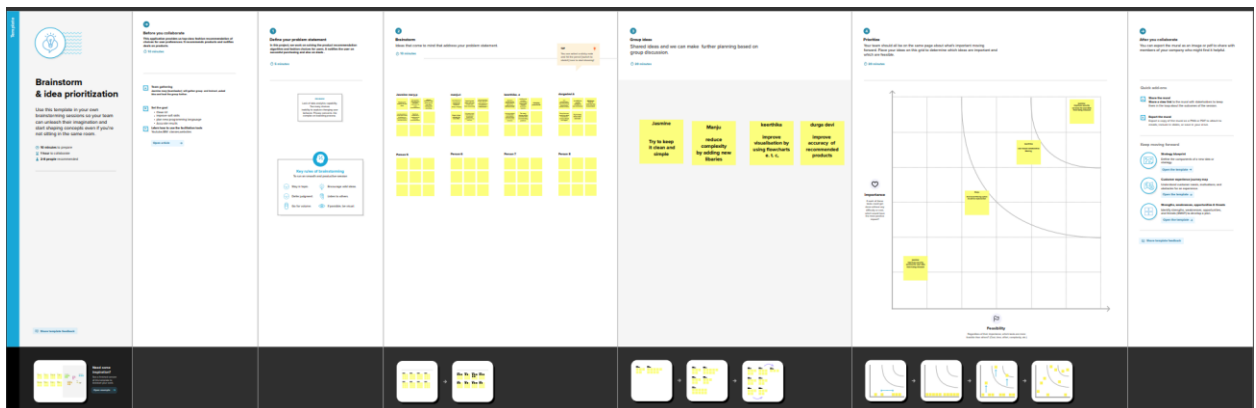
The world of retail is changing rapidly. Many brick and mortar locations are closing and being replaced by online stores, direct-to-consumer brands, and subscription/membership services. However, while the breadth of assortment is something that drives customers to a website, a lot of eCommerce platforms fail to sell through a high percentage of their merchandise.

### 3. IDEATION & PROPOSED SOLUTION

### a. Empathy Map Canvas



### b. Ideation & Brainstorming



## Project Design Phase-I Proposed

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none"> <li>● Lack of interaction between application and user</li> <li>● User need to navigate across multiple pages to choose right product</li> <li>● Confusion in choosing product</li> <li>● Lack of sales</li> <li>● Complex User Interface.</li> <li>● Lack of proper guidance.</li> </ul>
2.	Idea / Solution description	<p>By using Smart fashion recommender application:</p> <ul style="list-style-type: none"> <li>● Improve customer relationship, interactivity and services.</li> <li>● Effective recommendation of products.</li> <li>● Recommendation within a single page via chat-bot</li> <li>● Collect feedback instantly.</li> <li>● Reduce human error</li> <li>● Proper guidance in accessing application.</li> </ul>
3.	Novelty / Uniqueness	<ul style="list-style-type: none"> <li>● Chat-bot asks and learns from user preference which recommends appropriate products to the user without making them to search through various filters. Reduces time in choosing right product thus increases sales.</li> </ul>
4.	Social Impact/ Customer Satisfaction	<ul style="list-style-type: none"> <li>● Feedback from the user at the end of session or after placing order is one of the most important factor in deriving customer satisfaction and providing better services.</li> </ul>
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"> <li>● The application can be developed at minimum cost with high performance and interactive user interface.</li> </ul>
6.	Scalability of the Solution	<ul style="list-style-type: none"> <li>● The solution can be made scalable by using micro service architecture provided that each server responsible for certain functionality of the application. Storing user preferences along with product in browser cookie will enable to provide response instantly and allows for fetching related products.</li> </ul>

## c. Problem Solution fit

Problem-Solution fit canvas 2.0		Smart Fashion Recommender Application	
Define CS, fit into CC	<b>1. CUSTOMER SEGMENT(S)</b> <span>CS</span> Who is your customer? i.e. working parents of 0-5 y.o. kids <ul style="list-style-type: none"> <li>Customers are those who want to purchase fashion items in a short time</li> </ul>	<b>6. CUSTOMER CONSTRAINTS</b> <span>CC</span> 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. <ul style="list-style-type: none"> <li>Most of the solution available in the internet hosts a lot of adds limiting its usability.</li> <li>Needs a proper network connection</li> </ul>	<b>5. AVAILABLE SOLUTIONS</b> <span>AS</span> 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 <ul style="list-style-type: none"> <li>Smart Fashion Recommender which are supported in many browsers</li> <li>Smart Fashion Recommender Chatbot is developed in this project.</li> </ul>
	<b>2. JOBS-TO-BE-DONE / PROBLEMS</b> <span>J&amp;P</span> Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides. <ul style="list-style-type: none"> <li>To collect data about our visitors and leverage it to make better product suggestions and recommendations</li> <li>Understanding customer inquiries, their needs, and preferences can allow you to personalize product pages and build customer loyalty and affinity.</li> </ul>	<b>9. PROBLEM ROOT CAUSE</b> <span>RC</span> 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. <ul style="list-style-type: none"> <li>For No-Pressure Shopping Experiences</li> <li>Customer service will be available for 24/7</li> <li>Chatbot can help with recovering abandoned carts</li> </ul>	<b>7. BEHAVIOUR</b> <span>BE</span> 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) <ul style="list-style-type: none"> <li>Seamless Real-Life Interaction</li> <li>Customer Data Security</li> <li>Reduce Customer Frustration</li> </ul>
Focus on J&P, tap into BE, understand RC	<b>3. TRIGGERS</b> <span>TR</span> What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news. <ul style="list-style-type: none"> <li>Improve Lead Generation.</li> <li>Reduce Customer Service Costs.</li> <li>Monitor Consumer Data to Gain Insights.</li> </ul>	<b>10. YOUR SOLUTION</b> <span>SL</span> If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality. If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour. <ul style="list-style-type: none"> <li>Instead of navigating to several screens for booking products online, the user can directly talk to Chatbot regarding the products.</li> </ul>	<b>8. CHANNELS of BEHAVIOUR</b> <span>CH</span> <b>8.1 ONLINE</b> What kind of actions do customers take online? Extract online channels from #7 <ul style="list-style-type: none"> <li>Able to serve customers with a consistent level of quality in a short period of time across different channels,</li> </ul>
	<b>4. EMOTIONS: BEFORE / AFTER</b> <span>EM</span> 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. <ul style="list-style-type: none"> <li>Took longer time to process and respond to the query</li> </ul>	<b>8.2 OFFLINE</b> What kind of actions do customers take offline? Extract offline channels from #7 and use them for customer development. <ul style="list-style-type: none"> <li>Make sure they are aware of the usage of the chatbots</li> </ul>	Extract online & offline CH of BE
Identify strong TR & EM			

#### 4. REQUIREMENT ANALYSIS

##### a. Functional requirement

Following are the functional requirements of the proposed solution.

<b>FR No.</b>	<b>Functional Requirements</b>	<b>Sub Registration</b>
FR-1	Registration	Registration can be done using mobile number or gmail and needed some user information
FR-2	Login	User only log in by user id and password,Which is given duringregistration
FR-3	Delivery confirmation	Confirmation via emailand phone number
FR-4	Assistance	Bot is integrated with the application to make theusability simple

## Non-Functional Requirements:

Following are the Non-Functional requirements of the proposed solution.

<b>FR No.</b>	<b>Non-Functional Requirement</b>	<b>Description</b>
NFR-1	<b>Usability</b>	A user-friendly interface with chat bot to make usability efficient
NFR-2	<b>Security</b>	Secured connection HTTPS should be established for transmitting requests and responses
NFR-3	<b>Reliability</b>	The system should handle exceptions as well as unexpected errors and exceptions to avoid termination of the program
NFR-4	<b>Performance</b>	The system shall be able to handle multiple requests at any given point in time and generate an appropriate response.
NFR-5	<b>Availability</b>	It is a cloud based web application so user can access without any platform limitations, just using a browser with an internet connection is enough for use the application
NFR-6	<b>Scalability</b>	It has a quick request and response time, high throughput, enough network resources and so on.

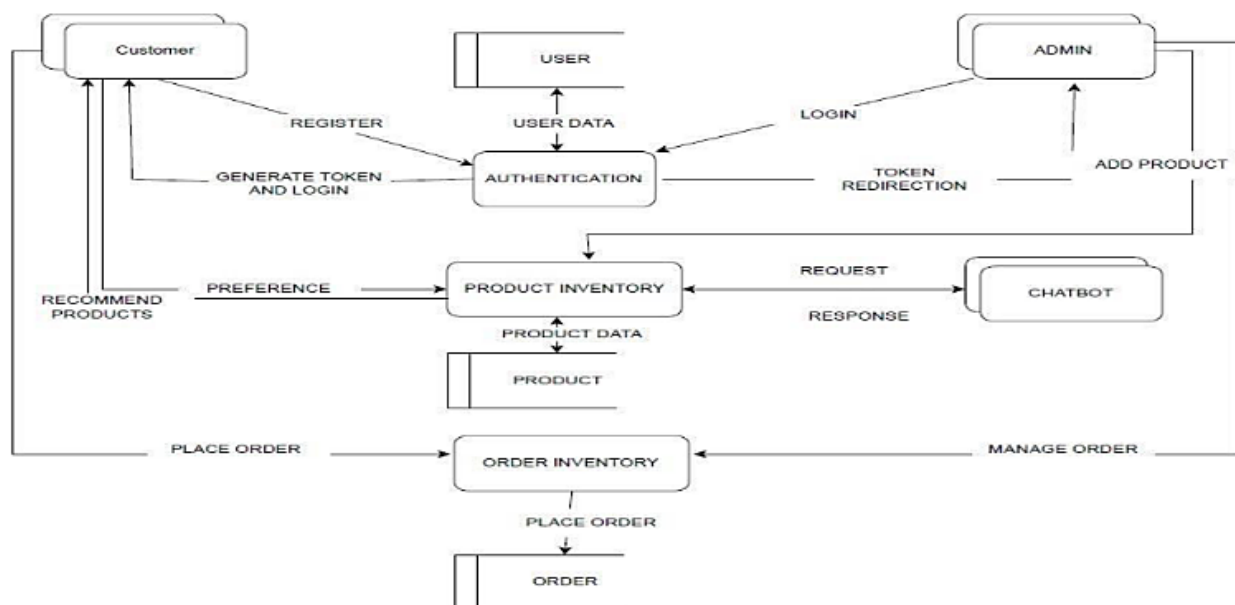
## 5.PROJECT DESIGN

### 5.1 Data Flow Diagrams

#### Data Flow Diagrams:

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

#### Data Flow Diagram for the proposed solution:



## 5.2 Solution & Technology Architecture

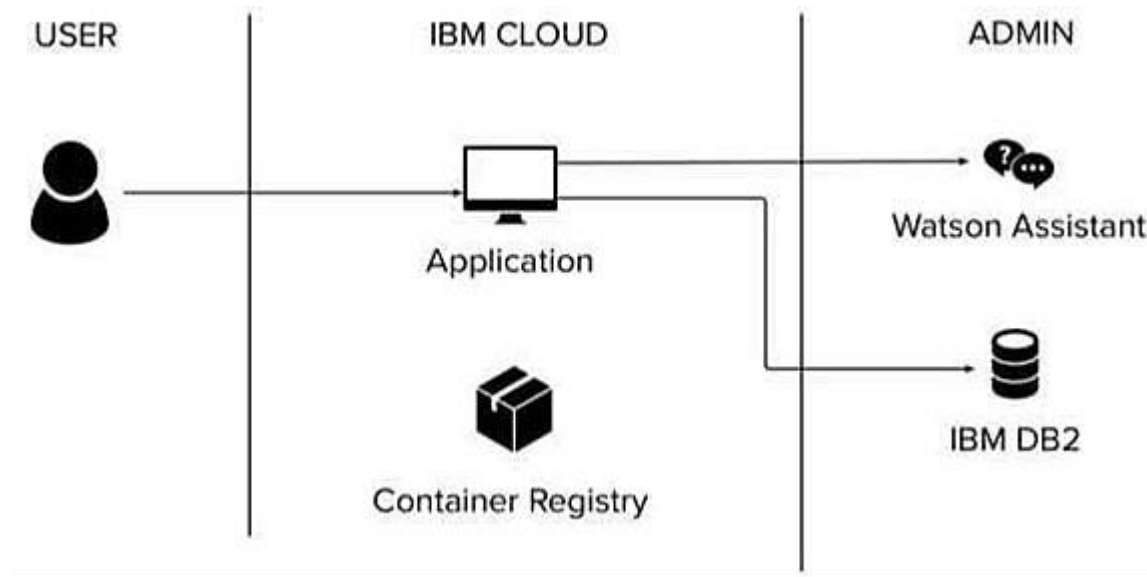
### Solution Architecture:

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.

### Technical Architecture:



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.



Table-1: Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	How user interacts with application e.g. Web UI, Mobile App, Chatbot etc.	HTML, CSS, JavaScript / Angular Js / React Js etc.
2.	Application Logic-1	Logic for a process in the application	Java / Python
3.	ApplicationLogic-2	Logic for a process in the application	IBM WatsonSTT service
4.	ApplicationLogic-3	Logic for a process in the application	IBM WatsonAssistant
5.	Database	Data Type, Configurations etc.	MySQL, NoSQL, etc.
6.	Cloud Database	Database Service on Cloud	IBM DB2, IBM Cloudant etc.
7.	File Storage	File storagerequirements	IBM Block Storage or Other Storage Service or Local Filesystem
8.	External API-1	Purpose of External API used in the application	IBM Weather API, etc.
9.	External API-2	Purpose of External API used in the application	Aadhar API, etc.
10.	Machine Learning Model	Purpose of Machine Learning Model	Object Recognition Model, etc.
11.	Infrastructure (Server/ Cloud)	Application Deployment on Local System / Cloud Local ServerConfiguration: Cloud ServerConfiguration :	Local, Cloud Foundry, Kubernetes, etc.

Table-2:Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	List the open-source frameworks used	Technology of Opensource framework
2.	Security Implementations	List all the security / access controls implemented, use of firewalls etc.	e.g. SHA-256, Encryptions, IAM Controls, OWASP etc.
3.	Scalable Architecture	Justify the scalability of architecture (3 – tier, Micro-services)	Technology used
4.	Availability	Justify the availability of application (e.g. use of load balancers, distributed servers etc.)	Technology used
5.	Performance	Design consideration for the performance of the application (number of requests per sec, use of Cache, use of CDN's) etc.	Technology used

### 5.3 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
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-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can access and make purchases.	High	Sprint-1
	Dashboard					
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 / 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-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
		USN-5	As a user, I can log into the application by entering email & password	I can access and make purchases.	High	Sprint-1
Administrator	Login	USN-1	I enter my mail and password on organisation's approval	I can approve products and purchases	High	Sprint-1 Administrator

## 6. PROJECT PLANNING & SCHEDULING

### a. Sprint Planning & Estimation

#### Remaining tasks (Milestones & Activities) to be completed

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 Line Interface
	Docker CLI Installation	Installing Docker CLI on laptop

	Create an account in sendgrid	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"> <li>● Registration page</li> <li>● Login page</li> <li>● View products page</li> <li>● Add products page</li> </ul>
	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 from the application we need to integrate the Sendgrid service
Developing a chatbot	Building a chatbot and Integrating to application	Build the chatbot and Integrate it to the flask application
Deployment of App in IBM Cloud	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

b. Sprint Delivery Schedule

**Product Backlog, Sprint Schedule, Estimation**

Sprint	Functional Requirement (Epic)	User Story November	User Story/ Task	Story points	Priority	Team Members
Sprint-1	Setting up App Environment	USN-1	As a user, I can register in ICTA Academy and create IBM cloud	2	High	Somasundaram K Sanjay S
Sprint-1		USN-2	As a user,I will create a flask project	1	Low	Ronith N Shibi R
Sprint-1		USN-3	As a user,I will install IBM Cloud CLI	2	Medium	Somasundaram K
Sprint-2	Setting up App Environment	USN-4	As a user, I can install Docker CLI	1	Low	Ronith N Vinoth R

Sprint-2		USN-5	As a user, I will Create an account Sendgrid	2	Medium	Somasundaram K Sanjay S
----------	--	-------	--	---	--------	----------------------------

Sprint-3	Implementing web application	USN-6	As a user, I Create UI to interact with the application	1	High	Shibi R Sanjay S
Sprint-3		USN-7	As a user, I Create IBM DB2 and connect with python	3	High	Somasundaram K
Sprint-3	Integrating sendgrid service	USN-8	As a user, I will integrating sendgrid with python code	2	High	Vinoth R
Sprint-3	Developing a chatbot	USN-9	As a user, I have to build a chatbot and Integrate to application	1	Medium	Ronith N
Sprint-4	Development of App in IBM Cloud	USN-10	As a user,I will Containerize the  App	1	Low	Shibi R
Sprint-4		USN-11	As a user, I will upload image to  IBM Container registry	2	Medium	Sanjay S
Sprint-4		USN-12	As a user, I will deploy App In Kebernetes cluster	3	High	Vinoth R

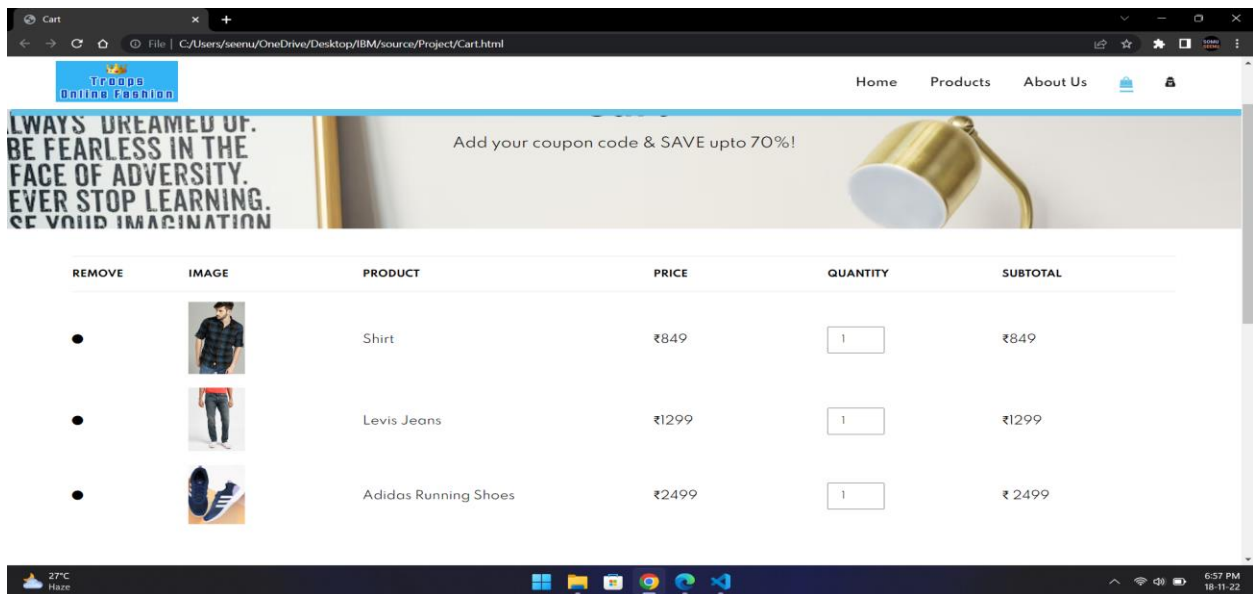
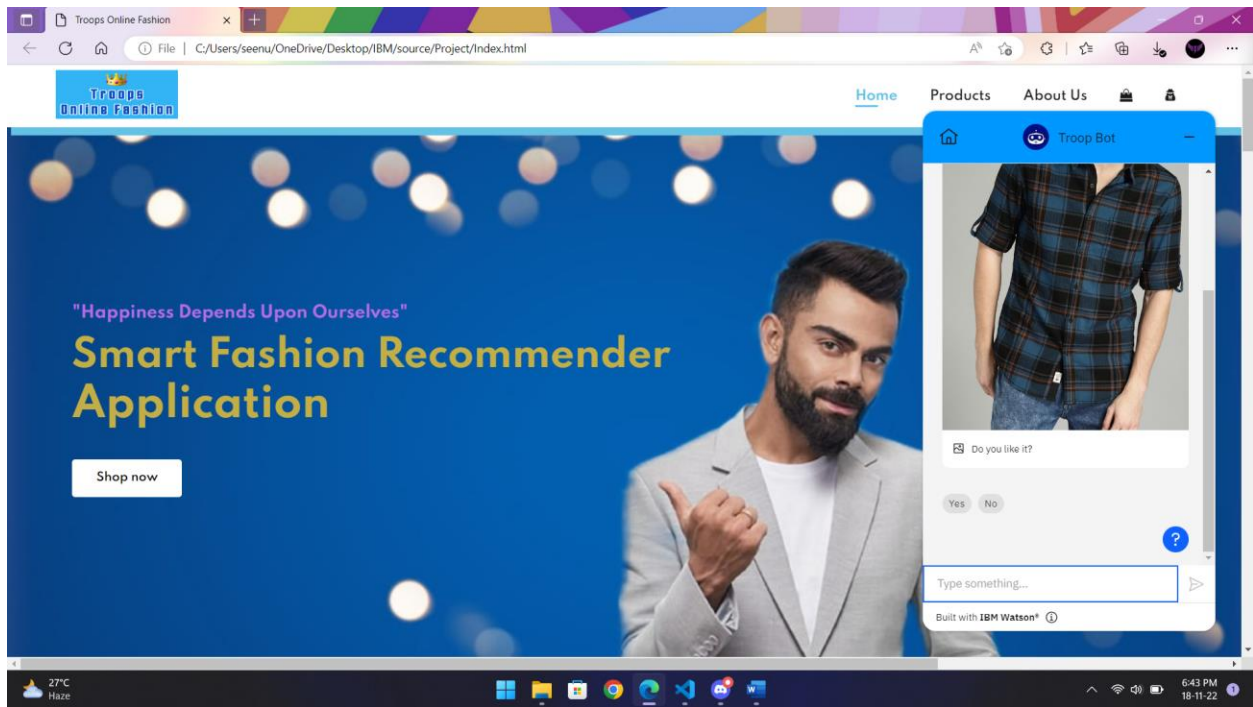
Sprint-4	User panel		As a user 1. Register, Login, Email Verification  2. Manual Search  3. Order placement, Order Details	3	High	Somasundaram K Sanjay S Shibi R Ronith R Vinoth R
----------	------------	--	--	---	------	---

### **CODING & SOLUTIONING (Explain the features added in the project along with code)**

c. Feature 1

#### **UI to Interact**

The user interface is the point at which human users interact with a computer, website or application. The goal of effective UI is to make the user's experience easy and intuitive, requiring minimum effort on the user's part to receive the maximum desired outcome.



#### d. Feature 2

### Chatbot

- Develop skills for recommendation in IBM Watson Assistant and Build a chatbot with IBM Watson Assistant to recommend the fashion based on the taste of the users.
- Using chatbot we can manage user's choices and orders.



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

```
<script>
  window.watsonAssistantChatOptions = {
    integrationID: "cd8a1c44-da34-4ce7-b464-f191d3d04985", // The ID of this integration.
    region: "au-syd", // The region your integration is hosted in.
    serviceInstanceID: "6e8d4621-abc5-4b27-9b6f-1024e347e4d9", // 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>
```

## TESTING

### e. User Acceptance Testing

## Purpose of Document

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

## Defect Analysis

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

Resolution	Severity 1	Severity 2	Severity 3	Severity 4	Subtotal
By Design	10	4	2	3	20
Duplicate	1	0	3	0	4
External	2	3	0	1	6
Fixed	11	2	4	20	37
Not Reproduced	0	0	1	0	1
Skipped	0	0	1	1	2
Won't Fix	0	5	2	1	8
Totals	24	14	13	26	77

## Test Case Analysis

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

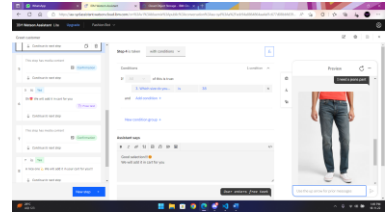

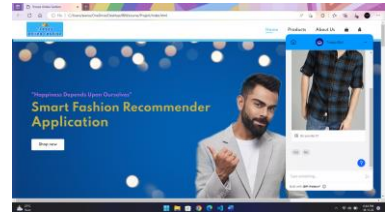
Section	Total Cases	Not Tested	Fail	Pass
Print Engine	7	0	0	7
Client Application	51	0	0	51
Security	2	0	0	2
Outsource Shipping	3	0	0	3
Exception Reporting	9	0	0	9
Final Report Output	4	0	0	4
Version Control	2	0	0	2

## RESULTS

### f. Performance Metrics

#### Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1.	Model Summary	Chatbot	
2.	Accuracy	Training Accuracy – 95% Validation Accuracy – 100%	
3.	Confidence Score	Class Detected - 5 Confidence Score - 10	

## ADVANTAGES & DISADVANTAGES

ADVANTAGES	DIS-ADVANTAGES
Fashion makes first impression of a person	May lead to financial trouble
Following fashion trends can be fun	You will have to buy new clothes often
Fashion builds your confident level	Fashion trends are not always comfortable
Puts a smile on your face	Time could be better spent on other hobbies

Makes shopping easier	Fashion trends can be costly
Following fashion trends can make you popular	Your happiness should not depend upon your style

## CONCLUSION

All the research through the years led to the birth of these fantastic smart fashion technologies, and they still have a long way to fulfill their true potential. Leading fashion industry companies are beginning to see the many advantages of intelligent fashion and are focusing their attention on this research area; thus, the field is now so vast that a mere customary keyword search might not be enough to access related research articles. This fact highlights the importance of this unified fashion-related task-based survey to draw new researchers' attention to the subject and point them towards correct research directions and sources. This field is becoming enormous, we categorized more articles into multiple task-based groups, and there are still many more. The observed trends and growth speed guarantees that we will soon witness numerous significant improvements that close the human-machine gap.

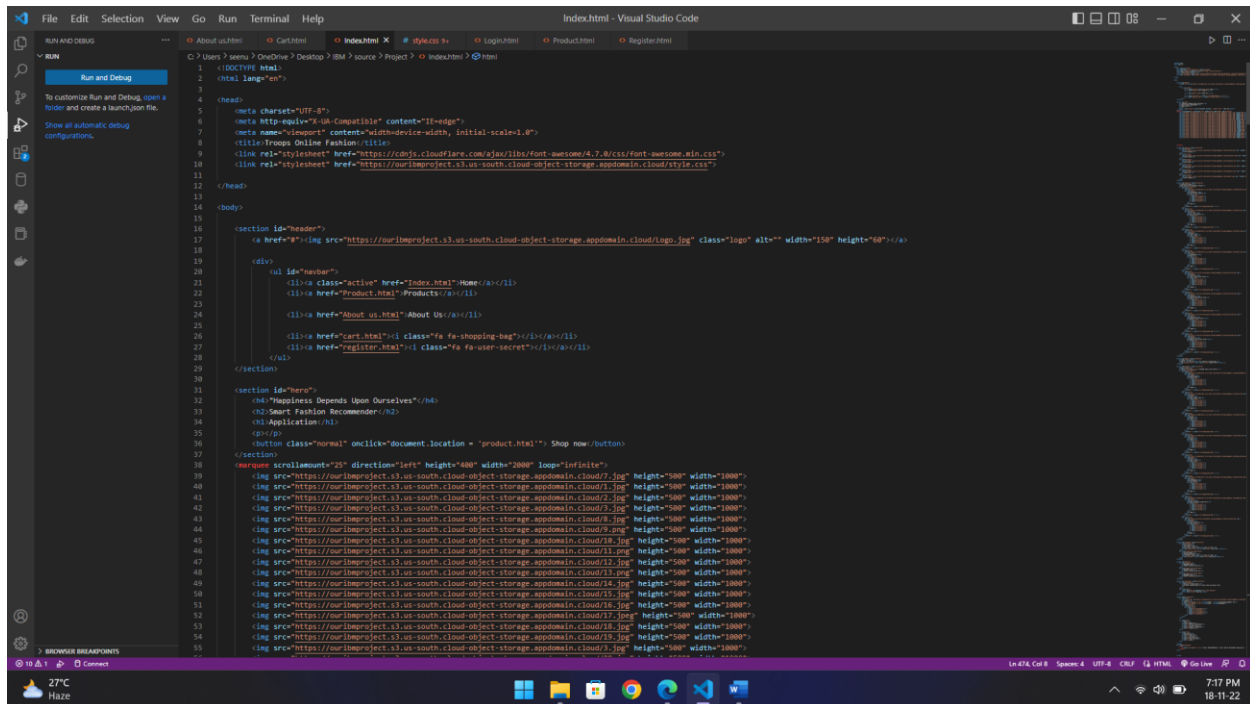
## FUTURE SCOPE

The implementation of computer vision and AI in the fashion industry is happening inevitably fast, but not fast enough. Although the past decade has witnessed a dramatic growth of research in this area, the immense size of the area, including various applications and the increased need for online fashion retail shops throughout the world due to Covid-19 pandemic situations, show that still much work needs to be done. A more thorough look at the fashion-related applications helps us understand which areas need more attention. Needless to say, all of these fashion-related tasks (and many more we did not cover here) are incredibly useful in the fashion industry, and the proper implementation of each and every one of them can be highly profitable for companies. Therefore, it is just a means to track which tasks are already hot topics, today's market needs and fast-growing, and which are neglected, thus have fantastic potential and are very promising in the coming years.

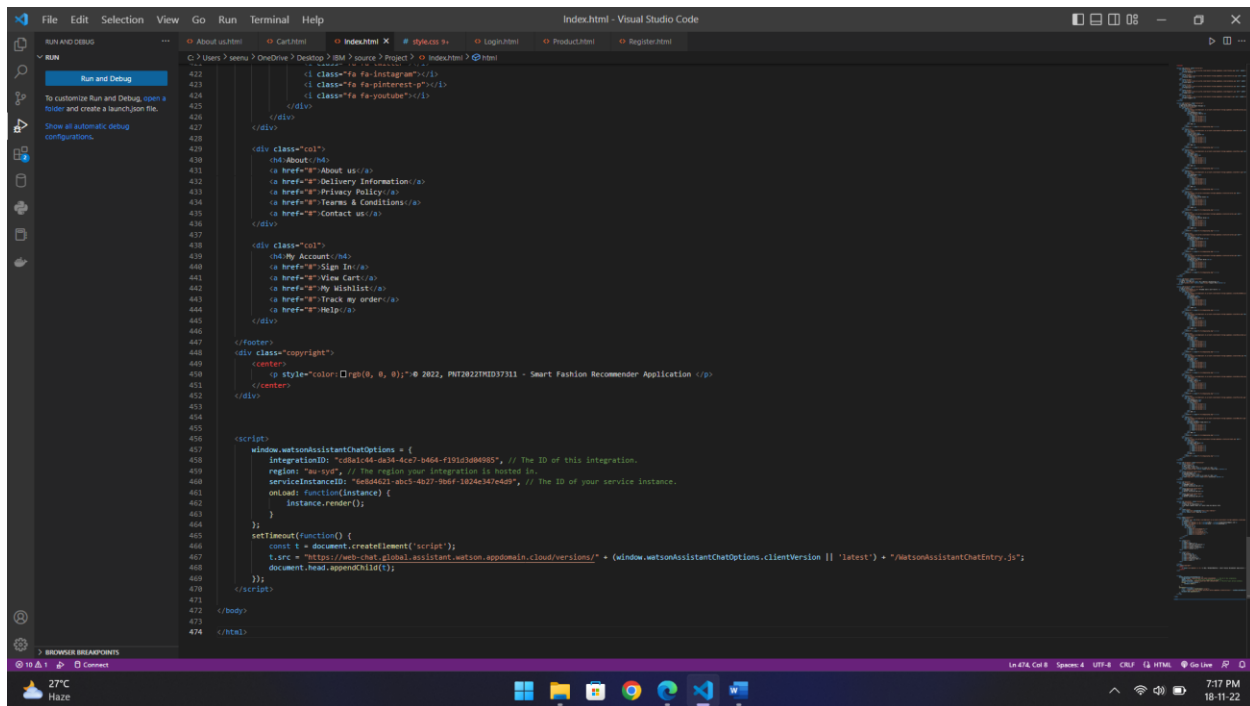
# APPENDIX

## Source Code

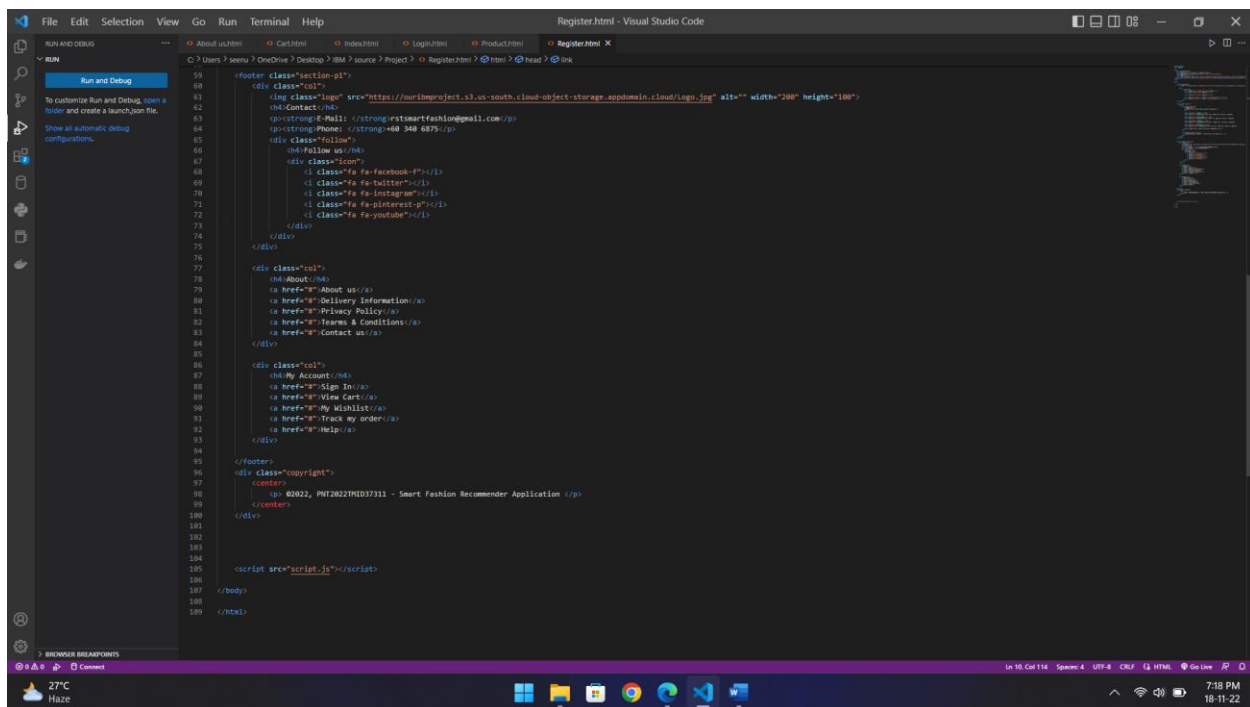
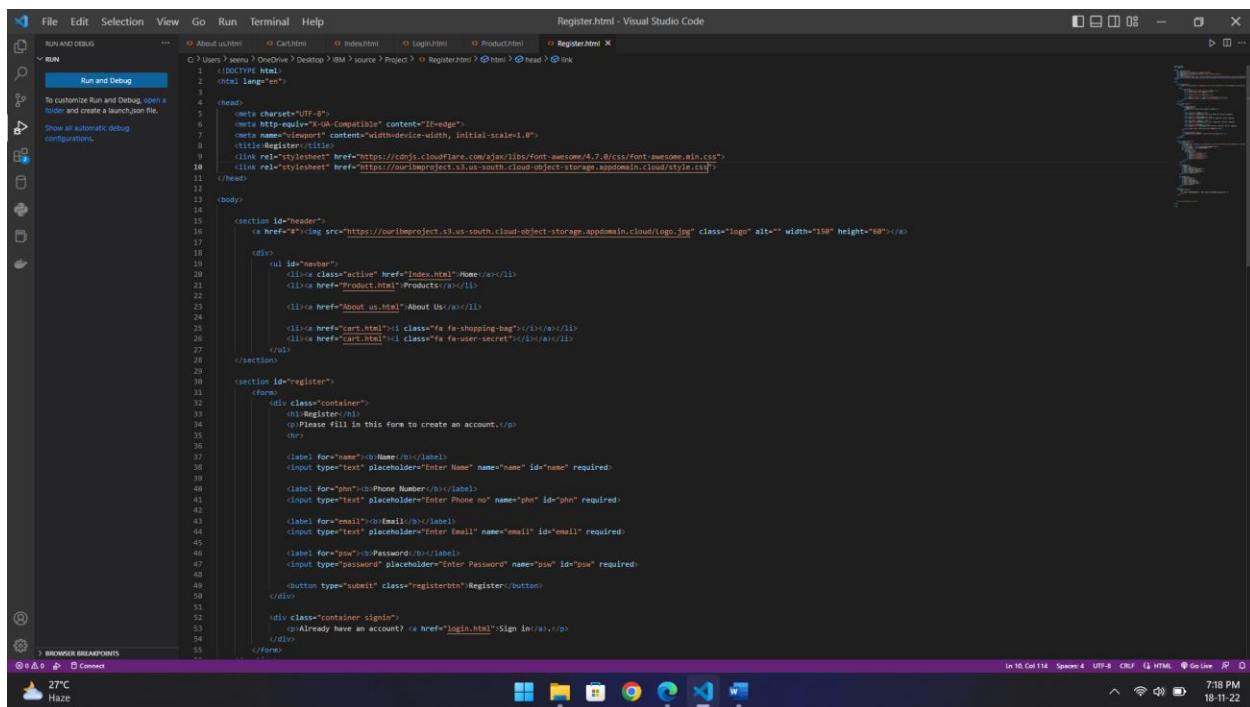
### Index.html



```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta http-equiv="X-UA-Compatible" content="IE=edge">
7   <meta name="viewport" content="width=device-width, initial-scale=1.0">
8   <title>Troops Online Fashion</title>
9   <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
10  <link rel="stylesheet" href="https://ourlmsproject.s3.us-south-cloud-object-storage.appdomain.cloud/style.css">
11 </head>
12
13 <body>
14
15   <section id="header">
16     <a href="#"></a>
17
18     <div>
19       <ul id="navbar">
20         <li><a class="active" href="index.html#home"></li>
21         <li><a href="product.html#products"></li>
22         <li><a href="about-us.html#about-us"></li>
23         <li><a href="cart.html" class="fa fa-shopping-bag"></li>
24         <li><a href="register.html" class="fa fa-user-secret"></li>
25       </ul>
26     </div>
27   </section>
28
29   <section id="hero">
30     <h2>Happiness Depends Upon Ourselves</h2>
31     <h3>Smart Fashion Recommender</h3>
32     <div>Application</div>
33     <div class="normal" onclick="document.location = 'product.html'">Shop now</div>
34   </section>
35
36   <div>
37     
38     
39     
40     
41     
42     
43     
44     
45     
46     
47     
48     
49     
50     
51     
52     
53     
54     
55     
56   </div>
57 </body>
58 </html>
```



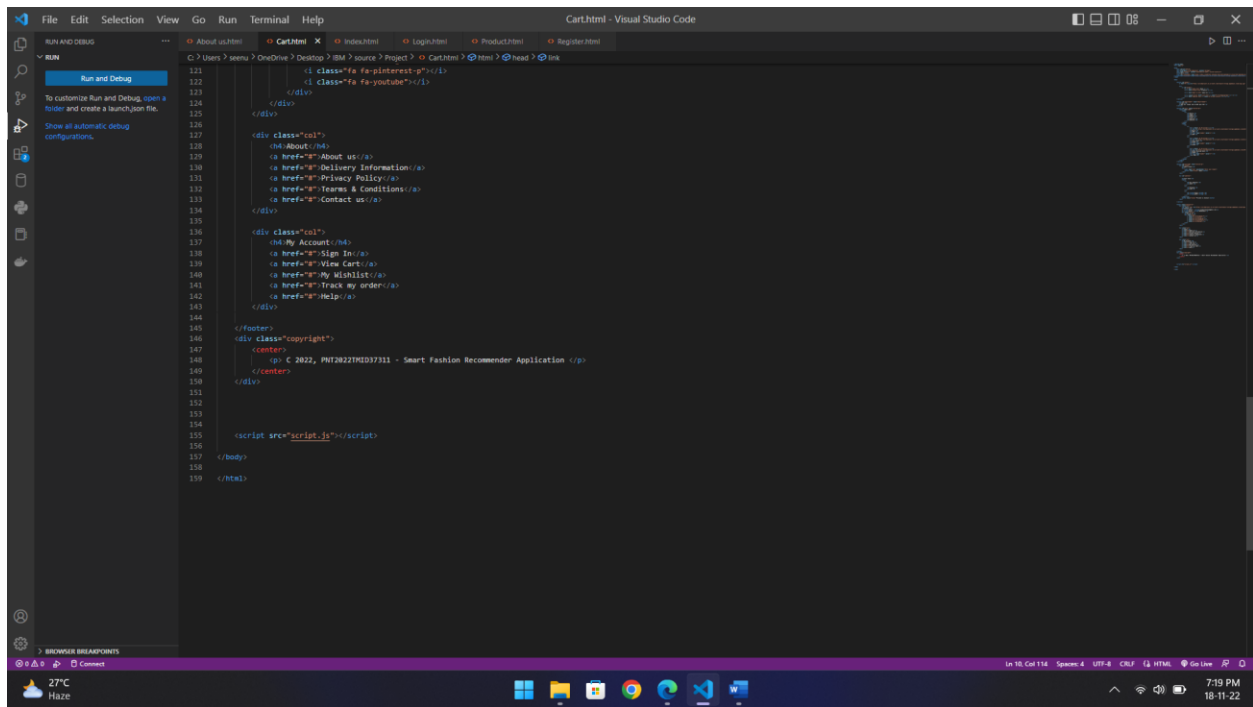
## Register.html



## Cart.html







Login.html

```
File Edit Selection View Go Run Terminal Help Login.html - Visual Studio Code

RUN AND DEBUG
RUN
To customize Run and Debug, open a folder and create a launch.json file.
Show all automatic debug configurations.

1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5   <meta charset="UTF-8">
6   <meta http-equiv="X-UA-Compatible" content="IE=edge">
7   <meta name="viewport" content="width=device-width, initial-scale=1.0">
8   <title>Login</title>
9   <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">
10  <link rel="stylesheet" href="https://ourlbrproject.s3.us-south.cloud-object-storage.appdomain.cloud/style.css">
11 </head>
12
13 <body>
14
15   <section id="header">
16     <a href="#">Log src="https://ourlbrproject.s3.us-south.cloud-object-storage.appdomain.cloud/logo.jpg" class="logo" alt="" width="150" height="60"></a>
17
18     <div>
19       <a href="#">
20         <i class="active">Home</i></a></div>
21       <a href="#">Products</a></div>
22       <a href="#">Blog</a></div>
23       <a href="#">About</a></div>
24       <a href="#">Contact</a></div>
25       <a href="#">Cart</a></div>
26       <a href="#">User Secret</a></div>
27     </div>
28   </section>
29
30   <section id="login">
31
32     <form>
33       <div class="login-container">
34         
35       </div>
36
37       <div class="container">
38         <label for="email">E-Mail</label>
39         <input type="text" placeholder="Enter your E-Mail" name="email" required>
40
41         <label for="password">Password</label>
42         <input type="password" placeholder="Enter Password" name="password" required>
43
44         <button type="submit">Login</button>
45
46         <input type="checkbox" checked="" name="remember"> Remember me
47       </div>
48
49       <div class="container signin">
50         <a href="#">Forgot Password</a> Click here </div>
51     </form>
52   </section>
53
54 </body>
55 </html>
```

```
File Edit Selection View Go Run Terminal Help Login.html - Visual Studio Code

RUN AND DEBUG
RUN
To customize Run and Debug, open a folder and create a launch.json file.
Show all automatic debug configurations.

56 </div>
57
58 <div class="section-2">
59   <div class="login">
60     
61
62     <div>
63       <div class="form">
64         <input type="text" placeholder="Enter your E-Mail" name="email" required>
65
66         <input type="password" placeholder="Enter Password" name="password" required>
67
68         <button type="submit">Login</button>
69
70         <input type="checkbox" checked="" name="remember"> Remember me
71       </div>
72
73       <div class="container signin">
74         <a href="#">Forgot Password</a> Click here </div>
75     </div>
76   </div>
77
78   <div class="col">
79     <a href="#">About Us</a>
80     <a href="#">Delivery Information</a>
81     <a href="#">Privacy Policy</a>
82     <a href="#">Terms & Conditions</a>
83     <a href="#">Contact us</a>
84   </div>
85
86   <div class="col">
87     <a href="#">My Account</a>
88     <a href="#">Sign In</a>
89     <a href="#">View Cart</a>
90     <a href="#">My Wishlist</a>
91     <a href="#">Track My order</a>
92     <a href="#">Help</a>
93   </div>
94 </div>
95
96 <div class="copyright">
97   <p>© 2022, PMT2022INSD7311 - Smart Fashion Recommender Application </p>
98 </div>
99
100 </div>
101
102 <script src="script.js"></script>
103
104 </body>
105
106 </html>
```

# AboutUs.html

## **GitHub & Project Demo Link**

**GitHub Link :** [IBM-EPBL/IBM-Project-32237-1660208722: Smart Fashion Recommender Application \(github.com\)](https://github.com/IBM-EPBL/IBM-Project-32237-1660208722)

## **Project Demo Link :**

[https://drive.google.com/file/d/13N46pAxnitaNHgraiMVM9XZB\\_M5NNvO4/view?usp=share\\_link](https://drive.google.com/file/d/13N46pAxnitaNHgraiMVM9XZB_M5NNvO4/view?usp=share_link)