Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID23453
Project Name	Smart Fashion Recommender Application
Maximum Marks	2 Marks

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)	In this system, the fashion features in web mass information are enhanced after processing of evolution hierarchical filter and fashion factors analysis. Available clothing matchings and their feature index are input to our fashion library, which called Cool Change. The clothing features are represented in colour tone of clothing, colour of skin and branding taste. Furthermore, clothing are classified in Cool Change based on these features
2.	Idea / Solution description	COLLABORATIVE FILTERING TECHNIQUE: The collaborative filtering (CF) algorithm is one of the most successful techniques among all of the filtering techniques available for the recommendation system. CF is a domain-independent prediction technique for analysing hard-to-describe content by observing meta data. This filtering technique is formed by using a dataset of the

		preferences of a group of users to make a recommendation to another group of users who show similar types of behaviour. The fundamental assumption of CF is based on the similarities of users, which build a neighbourhood group. Therefore, this technique is called user-based collaborative filtering.
3.	Novelty / Uniqueness	The previous recommender systems are based on sales, clothes purchase records, eye movement records and during offer timings. But this system is based on admin and user. The role of admin is to check out the data base about the stack and have a track of all the things that the users are purchasing. The user will login into the website and go through the products available on the website.
4.	Social Impact / Customer Satisfaction	As this model is an interaction between the admin and the user it would be easily feasible to access and finding the right choice. It can be used exclusively in online shopping where users cannot be readily available.
5.	Business Model (Revenue Model)	Using chat bot we can manage user's choices and orders. The chat bot 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 chat bot will send a notification to customers if the order is confirmed. Chat bots can also help in collecting customer feedback.

6.	Scalability of the Solution	This model can be easily adopted among online users and it can be easily deployed. It can be used and accessed by everyone and it can handle the requests from the customers.