Project Design Phase-I
Proposed Solution

Date	2 November 2022
Team ID	PNT2022TMID30368
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)	To recommend fashion products based on customer's choice without any search on a fashion website
2.	Idea / Solution description	The goal of a recommender system is to provide personalized suggestions to users, based on large volumes of historical feedback, by uncovering hidden dimensions that describe the preferences of users and the properties of the items they consume . • Traditionally, this means training predictive algorithms that can identify (or rank) items that are likely to be clicked On, purchased (or co-purchased), or given a high rating. • In domains like fashion, this can be particularly challenging for a number of reasons: the vocabulary of the items are long tailed and new items are continually being introduced(cold-start); users' preferences and product styles changeover time; and more critically, the semantics that determine what is 'fashionable' are incredibly complex
3.	Novelty / Uniqueness	Searching or filtering of products can be done with ease using chatbot.
4.	Social Impact / Customer Satisfaction	• The chatbot can give recommendations to the users basedon 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.
5.	Business Model (Revenue Model)	• This application is accessible to everyone. It is free. Nowadays the need for online shopping increases. Anyone with basic knowledge can access this application. • This can be used anywhere anytime. The user's information is encrypted.
6.	Scalability of the Solution	More number of users can be managed effectively, since entire application is hosted on cloud.