

PROJECT DESIGN PHASE-I

PROPOSED SOLUTION TEMPLATE

Date	24 September 2022
Team ID	PNT2022TMID44541
Project Name	Smart Fashion Recommender Application
Maximum Marks	2 Marks

PROPOSED SOLUTION

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	In E-commerce websites, users need to search for products and navigate across screens to view the products. It may also leads to irrelevant product suggestions.
2.	Idea / Solution description	The smart fashion recommender application leverages the use of a chat bot to interact with the users, gather information about their preferences, and recommend suitable products to the users.
3.	Novelty / Uniqueness	The Users give preferences to the Chat Bot which helps to find their required products.
4.	Social Impact / Customer Satisfaction	The user-friendly interface make the users to find their products quickly which saves time as well as money.

<p>5.</p>	<p>Business Model (Revenue Model)</p>	<p>The chat bot recommends the products best suited for the customer. The customer buys the product and generates revenue but the use of the application is free of cost.</p> <pre> graph LR User((User)) --- Application subgraph Cluster Application[Application] WorkerNode[Worker Node] end Application --- CR[Container Registry] Cluster --- K8s[Kubernetes Cluster] K8s --- DB2[IBM DB2] K8s --- Chatbot[Chatbot for recommendation of products] Chatbot --- WA[Watson Assistant] </pre>
<p>6.</p>	<p>Scalability of the Solution</p>	<p>The scalability can be increased by increasing the number of products and also accuracy of the product suggestions.</p>