

Project Design Phase-I
Proposed Solution Template

Date	19 September 2022
Team ID	PNT2022TMID02751
Project Name	Smart Fashion Recommender Application
Maximum Marks	2 Marks

Proposed Solution Template

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	<p>i) Difficult to search products. Solution: Chatbot is required in order to find the exact product faster which the user is searching.</p> <p>ii) User feels insecure for sharing and exploring because of privacy leaks. Solution: Availability of privacy protection password and high security.</p> <p>iii) Dissatisfied about the original price of the . Solution: Extraction of best and suitable products with original price.</p> <p>iv) Varied product colour or cloth material may get delivered. Solution: Updating all the proper product information under each product.</p>

2.	Idea / Solution description	<p>i) Chatbot:</p> <p>Chatbots can bring innovation in online assistance and communication with customers.</p> <p>Due to the growth of e-commerce, fashion brands have been adopting chatbots to provide personalised consumer experiences.</p> <p>Chat bot can provide personalised shopping experiences across physical and online channels and promote consumer well being. However, the main challenge remains on the complexity of human language and the chatbot's effectiveness within this context.</p> <p>ii) 3D body scanning:</p> <ul style="list-style-type: none"> ● Clothing selection is generally made on the basis of appearance (looks and fashion), costs and fit. ● Traditionally, clothing items are fitted in the retail outlet but increasingly garments are purchased over the internet, Making physical fitting impossible. Therefore, the technology of 3D body scanning becomes increasingly important. ● In last decades bulky and costly 3D body scanners evolved to inexpensive, accurate and easy-to-use device. <p>iii) clothing matching:</p> <ul style="list-style-type: none"> ● It focuses on helping the user to find optimized matching pair of clothes taking into account intricate details like style, patterns, colors, textures, etc. also keeping in mind users attributes like age, skin tone, favorite color etc...
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3.	Novelty / Uniqueness	<ul style="list-style-type: none"> ● Chatbot can be manage user choices and order. ● This give recommendation to the users based on their interests ● This application promotes best deals and offers. ● Chatbots can helps in collecting customer feedback. ● This application have faster accessibility.
4.	Social Impact / Customer Satisfaction	<p>i) It facilitate seamless live communication recommender system reduce stress for the consumer.</p> <p>ii) By responding proactively from a customer, the consumer receives a feeling of Confidence and satisfaction. Human like chatbots lead to greater satisfaction and trust among customers, leading to greater adoption of the chatbot and increase the purchase level of customer and usage</p>
5.	Business Model (Revenue Model)	<p>i) Recommendation system is a proven way to massively increase the sales. This varies from anywhere between 10% and 50% depending on the accuracy of the recommendation and the price point of product or service.</p> <p>ii) By getting to know your customers through content-based approaches you will ensure that they keep coming back to you. As you learn what does and doesn't sell, you can offer your main target audience exactly what they need. This will quickly lead to more sales and more profit for you.</p>
6.	Scalability of the Solution	<ul style="list-style-type: none"> ● Design layout ● Features ● Accessibility ● Reliability <p>These will lead to increasing the scalability to next level that is 'n' number of users to million users. This increases the large amount popularity among users about the application.</p>

