PROJECT DESIGN PHASE - II

SOLUTION REQUIREMENTS

Date	13 October 2022
Team ID	PNT2022TMID54054
Project Name	Smart Fashion Recommender Application
Maximum Marks	4 Marks

SOLUTION REQUIREMENTS OF SMART FASHION RECOMMENDER APPLICATION

1. FUNCTIONAL REQUIREMENTS

2. NON – FUNCTIONAL REQUIREMENTS

1. FUNCTIONAL REQUIREMENTS:

FR NO.	FUNCTIONAL REQUIREMENTS (EPIC)	SUB REQUIREMENTS (STORY / SUB-TASK)
FR – 1	USER REGISTRATION	Registration through Website using Phone Number
FR – 2	USER CONFIRMATION	Confirmation via OTP
FR – 3	USER LOGIN	Login using the User's Registered Phone Number and Password
FR – 4	USER INTERACTION	• Interact through the Chat Bot. • It may advertise the day's top specials and promotions. • It will keep a database of the customer's information and orders. • If the order is accepted, the chatbot will notify the customers. • Additionally, Chatbot's can be used to gather customer feedback.
FR – 5	PAYMENTS	User can pay Online via Online Payment Methods or can choose Cash On Delivery
FR – 6	BUYING PRODUCTS	Order statuses are displayed on the website: • Confirmed • Processing • Tracking & Shipment • Delivered / Returned
FR – 7	TRACK PRODUCTS	User can track the status of the order as well as the order status is updated in the Email
FR – 8	RETURN PRODUCTS	User can also request for returning the product via Chatbot
FR – 9	NEW COLLECTIONS	Recommend new collections via chatbot based on the user's wish list & history of orders

2. NON - FUNCTIONAL REQUIREMENTS:

FR NO.	NON - FUNCTIONAL REQUIREMENTS	DESCRIPTIONS
NFR – 1	USABILITY	• Easy navigation - The user can speak with the chatbot directly about the products. • Using Android or IOS or windows applications. • Product page optimization. • Good quality images that will attract buyers. • Better Shopping cart. • Enhance Payment site speed.
NFR – 2	SECURITY	• The user data is stored securely in the IBM cloud. • Authentication and password management. • Accountability - To authorize and monitor the use of anonymous accounts and to remove.
NFR – 3	RELIABILITY	• The Quality of the services is trusted. • It can handle more than 2000 users at a time. • It can process and initialize most functions.
NFR – 4	PERFORMANCE	• Speed up the webpage. • Site optimization based on data analysis. • Strong SEO presence online. • Good use of the product description. Comments and ratings.
NFR – 5	AVAILABILITY	• The administrator needs to look up the stock availability in the database. • It is a free web and application available on all platforms.
NFR – 6	SCALABILITY	• Expand server capacity, memory, or disc space so that more people may transact on website. • While expanding into new markets, the server side needs to add localization. • Chatbot's to provide scalable customer support.