

SMART FASHION RECOMMENDER APPLICATION

Date	20 OCTOBER
Team ID	PNT2022TMID52447
Project Name	Smart Fashion Recommender System

FUNCTIONAL AND NON FUNCTIONAL REQUIREMENTS

Functional Requirements

Framework Creation

This module offered a framework for e-commerce application to the customer, to get answers without any human assistance. Admin can train keywords with answers for future processing. Chatbots are such kind of computer programs that interact with users using natural languages.

Add Products

In this module, admin can add the product such as cosmetics things and clothes and monitor the details of customers

Search Products

In this module, customer can search products and buy whatever they need and these details are tracked by an admin and stored in the database

Post Questions

In this module, customer can ask any query regarding to buy the product to the chatbot system

Recommend Results

In this module, the chatbot system responds and resolves the customer query and based on the customer search, it will recommend the products. This approach helps to customer as well as the admin to improve the efficiency of website and products.

Non - Functional Requirements

Usability

The system shall allow the users to access the system with pc using web application. The system uses a web application as an interface. The system is user friendly which makes the system easy

Availability

The system is available 100% for the user and is used 24 hrs a day and 365 days a year. The system shall be operational 24 hours a day and 7 days a week.

Scalability

Scalability is the measure of a system's ability to increase or decrease in performance and cost in response to changes in application and system processing demands.

Security

A security requirement is a statement of needed security functionality that ensures one of many different security properties of software is being satisfied.

Performance

The information is refreshed depending upon whether some updates have occurred or not in the application. The system shall respond to the member in not less than two seconds from the time of the request submittal. The system shall be allowed to take more time when doing large processing jobs. Responses to view information shall take no longer than 5 seconds to appear on the screen.

Reliability

The system has to be 100% reliable due to the importance of data and the damages that can be caused by incorrect or incomplete data. The system will run 7 days a week. 24 hours a day.