

SOLUTION ARCHITECTURE

DATE	01 OCT 2022
TEAM ID	PNT2022TMID39797
PROJECT NAME	Smart Fashion Recommender Application
SUBMISSION BY	ENBA KUMAR R
ROLL NUMBER	510919106006
MAXIMUM MARKS	4 marks

SMART FASHION RECOMENDATION

CHATBOT

Collection of article using keyword to give precise answer

Recognition module to collect unrecognized chat

Evolution of Recommendation System day by day by using collected data.

Algorithmic models and filter techniques

Using resources like Flask, Docker, IBM Cloud, IBM DB2, Object storage etc...

User Message

Intent Classification

Entity Recognition

Intent

Entities

Context

Candidate Response Generator

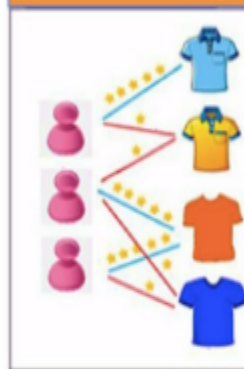
Responses

Candidate Response

Response Selector

Response

Content-Based Filtering (R_c)



	User 1	User 2	User 3	User 4	User 5
User 1	5	1	?	?	?
User 2	?	1	5	1	?
User 3	?	?	5	1	?

Collaborative Filtering (R_u)

Weight Calculation of the Results, R_w

Fusion recommendation results, R_f

Final Recommendation

