

## SOLUTION ARCHITECTURE

<b>DATE</b>	<b>01 OCT 2022</b>
<b>TEAM ID</b>	<b>PNT2022TMID39797</b>
<b>PROJECT NAME</b>	<b>Smart Fashion Recommender Application</b>
<b>SUBMISSION BY</b>	<b>ARUN KUMAR V</b>
<b>ROLL NUMBER</b>	<b>510919106002</b>
<b>MAXIMUM MARKS</b>	<b>4 marks</b>

# 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

Candidate Response Generator

Context

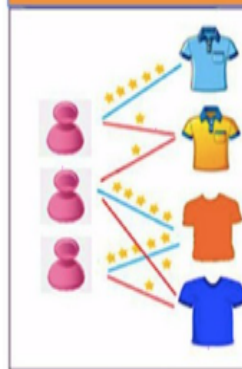
Responses

Candidate Response

Response Selector

Response

Content-Based Filtering ( $R_1$ )



	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 ( $R_2$ )

Weight Calculation of the Results,  $R_3$

Fusion recommendation results,  $R_4$

Final Recommendation

