Literature survey

Date	19 September 2022
Team ID	PNT2022TMID02585
Project Name	Project – Smart fashion recommender Application
Maximum Marks	2 Marks

Problem Statement

n E-commerce websites, users need to search for products and navigate across screens to view the product, add them to the cart, and order products. The smart fashion recommender application leverages the use of a chat bot to interact with the users, gather information about their preferences, and recommend suitable products to the users. This application has two predefined roles assigned to the users. The roles are customer and admin. The application demands redirection of the user to the appropriate dashboard based on the assigned role. Admin should be able to track the number of different products and admin should be assigned the responsibility to create products with appropriate categories. The user should be able to mention their preferences using interacting with chat bots. The user must receive a notification on order confirmation/failure. The chat bot must gather feedback from the user at the end of order confirmation. The main objective of this application is to provide better interactivity with the user and to reduce navigating pages to find appropriate products.

S.NO	TITLE	AUTHORS AND YEARS	TECHNIQUES	PROBLEM DESCRIPTION
1	Deep convolutional features for retrieval	Gkelios, S., Sophokleous, A., Plakias, S., Boutalis, Y., Chatzichristofis, S.	Machine learning,social network mining and recommendation system addressing open problems in fashion domain	This study describes a method for shaping image retrieval features using the most recent pre trained CNN architectures ,which were initially suggested for image classification
2	Personalized fashion recommender system with image based neural networks	Sridevi,M., ManikyaArun,N.,Sheshikala,M.,&Sudarshan,E(2020)	It processes the DeepFashion dataset's photos using neural networks,and then creates final suggestions using a closet neighbor-backed recommender.	It processes the Deepfashion dataset's photos using neural networks, and then creates final suggestions using a closet neighbor-backed recommender.
3	Modeling Instant User Intent and	Yujuan Ding,Yunsh	Attentional Content-	It claims to capture additional short -

	content-level Transition for Sequential Fashion Recommendation	an Ma,Wai Keung Wong<Ta-seng Chua(2021)	Level Transition_based Recommender(ACTR)	term fashion interest of users by modeling the item-to-item transition
4	A Literature Survey of Recent Advances in Chatbots	Guendalina Caldarini,Sardar Jaf,Kenneth McGarry(2022)	Natural Language Processing and Machine Learning	Intelligent conversational computer programmes known as chatbots are created to mimic human speech in order to provide automated online assistance and support
5	Fashion Recommender Systems	Nima Dokohaki(2020)	Machine learning,social network mining and recommendation system addressing open problems in fashion domain	In this context,Recommender systems,such as social fashion based recommendations (outfits influenced by influencers),product recommendations,or size and fit suggestions,are frequently utilized to handle a variety of complicated challenges.