PROJECT IDEATION PHASE

PROJECT SURVEY

DATE	**19TH SEPTEMBER 2022**
TEAM ID	**PNT2022TMID39797**
PROJECT NAME	**PROJECT-PROJECT survey**
MAXIMUM MARKS	**4 MARKS**

S.NO:	TITLE [Type here]	AUTHOR	YEAR OF PUBLICATION	PROBLEM IDENTIFIED	TECHNIQUE USED	DRAWBACKS
1.)	Open source Chat Bot development Framework-RASA	J.Praveen GUjjar and V. Neven kumar	2022	1.) The machine learning Chat Bot is data driven and predictive in nature. 2.) Machine learning Chat Bot is designed in such a way that chat bot can learn from the previous experience.	1.)Chat Bot uses open Source framework 2.)Artificial intelligence,deep learning, Chat bot,NLU,RASA 3.)Rasa has two building blocks are rasa NLU and RASA NLU core	1.)Rasa is a NLU based machine learning Chat Bot and developer can develop the Chat bot by writing the customized python code in action.py file
2.)	A survey of designing tools for chatbot	Bhagyashree Deshpande , et.al	2022	1.)Address customer queries instantly without the need for a support Agent.	1.)Rule based chat bot, 2.)AI based chat bot 3.)Hybrid chat bot	1.)Chat bot have limited response, so they are not often able to answer multipart question. 2.)AI Chat bot is a technology that makes interaction between man and machine using natural language possible.
3.)	A chat bot system for multi-dimensional Datasets	Maria Halena Franciscatto , et.al	2022	1.)Finding information may be complex task for end user	1.)Chatbot can be used for allowing the user to “talk to data” by adding metrics and dimensions to a query	1.)We showcase the potential limitations that multisource variability may have for covid-19 ML research on large international DRNS
4.)	Automatic Generation of business Intelligence chat bot for organisations	Mahdi Sanisharif , et.al	2022	1.)There accessibility and usability are still issues organisational structure, developing a chat bot is complex	1.)They developing interactive BI chat bot according to various organisational needs	1.)To alleviate these issues, organizations use chat bot
5.)	A survey of recommendation system: Recommendation models, techniques and application fields.	Hye young ko, et.al…	2022	1.)Improve the performance of recommendation model and recommendations systems technology	1.)In this technology the recommendation system is largely divided into a data mining part that performed analysis based on data collected about item and user	1.)In this technology, the recommendation system is largely divided into a data moving part that performed analysis based on data collected about item and user.
6.)	Chat bot design and approaches	AR.D.B. Landim , et.al…	2021	1.)Chat bots can bring innovation	1.)Dialog system 2.)Virtual assistant	In the use of chat bot, the literature review was carried out

	for fashion Ecommerce			assistance and communication with customers. 2.)Due to the growth of E-commerce fashion brand have adopting chatbots to provide personalised consumer experienced	3.)Recommendation system 4.)Chat bot 5.)Fashion	according to 3-phase methodologies.
7.)	Fashion Recommender systems, models and methods	Samit Chakrabarty , et.al…	2021	1.)Many choices are available in the e-commerce platform but , we have less Fashion recommendation system	1.)Filtering techniques 2.)Algorithm models 3.)Fashion recommendation and E-commerce	1.)Time series analysis and accurate categorization of predict images on the variation in colour , trend and clothing style in order to develop on effective recommendation system
8.)	The effects of chat bot Anthropomorphin and Self-disclosure on mobile fashion Consumer's Intension to Use Chat bot services	Minji kim, et.al…	2021	1.)AI chatbot growing rapidly in recent years. 2.)Consumers perception of chat bot is critical.	1.)It would be necessary for a follow up to investigate user experience and satisfaction of chatbot.	1.)The "human like chat bot" with high anthropomorphism levels discloses itself more through facial expressions
9.)	Adopting Text Similarity Methods and Cloud Computing to build a college Chat bot Model	Zaid A.Mundher ,wissiam K. Khater, Laith M.Ganeem	2021	1.)Text similarity algorithm 2.)Cosine similarity algorithm 3.)Jaccard similarity algorithm 4.)NLP 5.)Mobile Programming	1.)The closed domain concentrates on one specific field only. 2.)This approach needs a large dataset with millions of examples to train the model	1.)Need to connect chatbot with more number of users
10.)	Information System for Recommendation List Formation of Clothes Style Image Selection According to User's Needs Based on NLP and Chatbots	Vitaliy Husak , Olga Lozynska, Ihor Karpov, Ivan Peleshchak , Sofia Chyrun , Anatolii Vysotskyi	2020	1. Chat bots in the clothing. e-commerce segment Nike StyleBot, eBay ShopBot, H & M bot for Kik, chatShopper, Masha.ai. Nike StyleBot in Facebook Messenger gives users the ability to	All the pictures are only female models for those looking for men's things; they can only use the official site.	1. The disadvantage is that the bot focuses only on women. 2. The user will only associate with one brand 3. Clothes sets can only be picked up by women. 4. The bot is only available on Facebook Messenger

				create outfits; they can create their own style or sneakers. 2. A large range of new Styles. 3. Design and navigation. 4. Creation of your own sneakers.		
11.)	A survey paper on chat bot	Swati singh, Et.al…	2020	1.)Investigation of client necessities. 2.)The future excellent of the task is principally centred around the examining and investigating different enthusiastic lopsided characteristic looked by any human.	1.)Chat bot, artificial Intelligence based conversation stage which is named as "Animo". 2.)A talk bot is a product that utilizes man-made brain power [AI].	1.)The outcome from this survey would be not exactly a more joyful age. 2.)The idea of RNN can be utilized for usage of a conversational chat bot.
12.)	Development of the speech to text Chat bot interface based on Google API	Nataliya sts hakvov sk	2019	1.)The system require virtual environment only. 2.) With all related library uploaded and include into it such as one of the important framework	1.)Telegram API, python, heroku, cloud application platform. 2.)The algorithms of Rubin-karp and knut-prat	1.)Complexity of the developed algorithm Hashbot
13.)	A Novel Approach for Ontology-Driven Information Retrieving Chatbot for Fashion Brands	Aisha Nazir , Muhammad Yaseen Khan , Tafseer Ahmed , Syed Imran Jami , Shaukat Wasi	2019	1.)They created an ontology-based on the set of 5000 questions and answers considering the top-10 clothing brands.The proposed Chatbot covers all necessary and general information relevant to clothing brands like dress	1.)Clothing brands lack instant assistants at their official websites and social web page, which is seen as a core facility provided by international brands. Several tussles are required to make a well organized artificial bot to produce fast results.	1.)This research work is limited to only ten clothing brands and provides concern areas information to customers

				designs, fabric stuff, the material used in the product, accessories, and services like home delivery, return, exchange, discounts, sales, and, etc. 2.)The developers rely on IR techniques. This is good because IR based chatbots have the edge over others as they produce an informative and fluent response as they select responses from pre-generated conversation repositories		
14.)	An Intelligent Personalized Fashion Recommendation System	Cristiana Stan,Irina Mocanu	2019	1.) Recognition module that performs recognition of a cloth item together with its attributes; this classification divides each cloth item into 9 classes: bleizer, blouse, coat, dress, jacket, trousers, skirt, sweater, T-shirt, that are relevant both for the identification of the type of item (trousers, blouse, etc.), but also for the style Of the cloth item (jeans jacket, leather jacket, etc.). Each item has associated a set of attributes.	1.)Recognition module that performs recognition of a cloth item together with its attributes; this classification divides each cloth item into 9 classes: bleizer, blouse, coat, dress, jacket, trousers, skirt, sweater, T-shirt, that are relevant both for the identification of the type of item (trousers, blouse, etc.), but also for the style of the cloth item (jeans jacket, leather jacket, etc.). Each item has associated a set of attributes. 2.)Recommendation module that provides fashion recommendations based on both fashion rules and user's preferences	1.)The main drawback of using a Two-layer convolutional neural network consists in having the classification process very time consuming.

				2.) Recommendation module that provides fashion recommendations based on both fashion rules and user's preferences		
15.)	Redefining the offline retail experience designing product recommendation system for fashion stores	Hanke, Jannis, et.al…	2018	1.)The design product of recommendation system for fashion stores. 2.)The important issues of the aim of this research is the sensing capability of fashion retail environment and the integration of contextual information can improve the quality of such recommendations.	1.)Smart service systems 2.)Recommendation systems 3.)Context awareness 4.)Internet of things 5.)Retail industry 6.)Predictive analysis, 7.)Fitting rooms	
16.)	A survey on the chat bot implemented in customer service indulging through Deep neural learning	Monammad Nuruzzeman, Omer khadeer Hussain	2018	1.)To explore the equability of the deep neural network and to engage in human conversations 2.)The main thing is sidestepping some of the limitations of specific models and implementation mechanidim	1.)Chat bot application system must have Natural learning (NLP) And Deep learning networks. 2.)Sequence to sequence model in deep recurrent natural network.(DRNN)	The major challenge in developing a good model is that creating an adequate sense of context and effectively related inputs and output