Intelligent Chatbot

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Abstract: *A Chatbot is a software application that replaces a live human agent to conduct a conversation via text or text to speech. It is designed to behave like a human would behave in that conversation. In this system, we demonstrate a chatbot that uses Artificial Intelligence to produce dynamic responses to online client enquiries. This web-based platform provides a vast intelligent base that can help humans to solve problems. The chatbot recognises the user's context, which prompts an intended response. Because this is a dynamic response, the user's desired response will be generated. This also uses a machine-learning algorithm to learn the chatbot by experiencing various requests and responses. Chatbots come to use in numerous fields of our daily life. Because AI enhances the human touch in every communication, chatbots are becoming increasingly robust.. It triggers accurate responses after understanding a user's query. Its objective is to reduce human dependency in every organisation and reduce the need for different systems for different processes.*

Keywords: Artificial Intelligence, Chatbot, Machine Learning, Web-based

REFERENCES

[1]. Ashish Vaswani, Noam Shazeer, Niki Parmar, Jakob Uszkoreit, Llion Jones, Aidan N. Gomez, Łukasz Kaiser "Attention Is All You Need" IEEE 2017

[2]. Parth Thosani , Manas Sinkar , Jaydeep Vaghasiya, Radha Shankarmani," A Self-learning Chat-Bot from User Interactions and Preferences", IEEE, 2020.

[3]. Prakhar Srivastava, Nishant Singh," Automatized Medical Chatbot (Medibot)", IEEE, 2020.

[4]. Urmil Bharti, Deepali Bajaj, Hunar Batra, Shreya Lalit, Shweta Lalit, Aayushi Gangwan, "Med bot: Conversational Artificial Intelligence Powered Chatbot for Delivering Tele-Health after COVID-19", IEEE,2020.

[5]. Falguni Patel, Riya Thakore, Ishita Nandwani , Santosh Kumar Bharti, "Combating Depression in Students using an Intelligent Chat Bot: A Cognitive Behavioral Therapy", IEEE, 2019.

[6]. Nitirajsingh Sandu , Ergun Gide, "Adoption of AI- Chatbots to Enhance Student Learning Experience in Higher Education in India", IEEE,2019.