

A.I. Powered Chatbot for Healthcare

Himanshu A Patil¹, Rohit S Patil², Prajval V Bharti³, Prof. Sonali Pakhmode⁴

Students, Department of Information Technology^{1,2,3}

Faculty, Department of Information Technology⁴

Vasantdada Patil Pratishthan's College of Engineering and Visual Arts, Sion, Mumbai, Maharashtra, India

Abstract: *Chatbots are software and computer programs that are able to chat and react to human users in voice, written, and visuals. Chatbots are capable of being useful tools for people with physical and psychological healthcare. Those who are afraid to seek physical and mental health advice due to humiliation. There are number of studies that have been proved about using chatbots for physical and psychological healthcare, there is a need to systematically bring this concern together in order to provide both types of healthcare and users about the features of chatbots and their uses, and to inform future research about the main loopholes of the previous literature.*

Keywords: Chatbots.

REFERENCES

- [1]. U. Bharti, D. Bajaj, H. Batra, S. Lalit, S. Lalit and A. Gangwani, "Medbot: Conversational Artificial Intelligence Powered Chatbot for Delivering T ele-health after COVID-19," 2020 5th International Confer ence on Communication and Electr onics Systems (ICCES), 2020, pp. 870-875, doi: 10.1109/ICCES48766.2020.9137944.
- [2]. K. Denecke, S. V aahesasan and A. Arulnathan, "A Mental Health Chatbot for Regulating Emotions (SERMO) - Concept and Usability T est," in IEEE Transactions on Emerging T opics in Computing, doi: 10.1109/TETC.2020.2974478.
- [3]. K. Denecke, S. V aahesasan and A. Arulnathan, "A Mental Health Chatbot for Regulating Emotions (SERMO) - Concept and Usability T est," in IEEE Transactions on Emerging T opics in Computing, doi: 10.1109/TETC.2020.2974478.
- [4]. Dongkeon Lee, Kyo-Joong Oh and Ho-Jin Choi, "The chatbot feels you - a counseling service using emotional response generation," 2017 IEEE International Conference on Big Data and Smart Computing (BigComp), 2017, pp. 437-440, doi: 10.1109/BIGCOMP .2017.7881752.
- [5]. Journal, IRJET . "IRJET - Healthcare Chatbot Using Natural Language Processing. " IRJET (2020): n. pag. Web.
- [6]. Kapoor, Pranav, and Pratham Agrawal. "Therapy Chatbot: A Relief From Mental Stress And Problems. " International Journal of Scientific & Engineering Research -IJSER (ISSN 2229-5518) 12.5 (2021): 6. Web.
- [7]. Journal, IRJET . "IRJET - A Chatbot Supported Smart Interactive Healthcare System. " IRJET (2020): n. pag. Web.
- [8]. Journal, Ijariit. "Chatbot for Healthcare System Using Artificial Intelligence. " International Journal of Advance Research, Ideas and Innovations in T echnology (2019): n. pag. Web.