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AN ANALYSIS OF CHATBOT DESIGN TECHNIQUES

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ABSTRACT

Conversational systems as a medium of communication between humans and computers have made significant progress recently. This interplay between humans and computers has paved the way for massive natural language processing methods. A chatbot is a computer program that enables people to communicate with computers using natural language. Chatbots are extensively utilized in a variety of fields, including business, education, healthcare, and many more. Chatbot design and development entails a wide range of methods. As a result, we provide an overview of the methods used to build Chatbots in this article. A few examples of chatbot design are also covered in order to provide a better knowledge of how chatbots operate and what kind of methods are available for developing chatbots. With the fast advancement of chatbot technology, it is anticipated that it would be able to supplement human limitations and increase productivity.

KEYWORDS: *Artificial Intelligence, Chatbots, Natural Language Processing, Robot, Technology.*

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