ABSTRACT

"ThittaVazhikatti", an innovative chatbot, serves as an indispensable guide for citizens navigating government schemes. Seamlessly bridging the gap between citizens and government initiatives, the project aims to empower users with clear insights into diverse schemes, eligibility criteria, and streamlined application processes. This user-friendly companion seeks to demystify the complexities of government programs, fostering transparency and enhancing citizens' ability to make informed decisions for a brighter and more accessible future. ThittaVazhikatti's primary beneficiaries are underprivileged individuals and families seeking access to quality education and healthcare. The proposed solution employs python and Machine learning algorithms to create ThittaVazhikatti, a comprehensive chatbot. Utilizing intent recognition and entity extraction, it ensures accurate responses to user queries on government schemes. The methodology prioritizes security, accessibility, and continuous improvement, ensuring an efficient and empowering interaction between citizens and government initiatives. Developed using Python with a modular approach and leveraging a PHP backend for web-based accessibility, this simulation offers a proof of concept for an integrated government scheme. The platform's intuitive design and robust backend infrastructure facilitate real-time updates and scalability, accommodating a growing user base and evolving government programs.