

Chatbot Description and Purpose

This chatbot is an interactive assistant capable of handling general queries, performing Google searches, solving math problems, and engaging in basic conversation. It maintains a simple conversation memory and responds to user inputs by recognizing greetings, farewells, and mathematical expressions. If a query isn't recognized as a math problem, the chatbot attempts to fetch relevant information using the Google Custom Search API. Its purpose is to provide quick, automated responses to user inquiries while integrating web search functionality for enhanced information retrieval.