



Web-based Chat bot - A web-based Chat bot is a computer software that simulates natural human speech

Final Project (Virtual University of Pakistan)



Scan to open on Studocu

For teaching and development help

WhatsApp # 0342 723 1109

WhatsApp # +923427231109

Skype id: link.study (shows like link.study(Rizwan))

Skype direct link: <https://join.skype.com/invite/j0lyTpQFFN24>

Email: SimplifyProjects@outlook.com

Web-based Chat bot

Project Domain / Category

Web Programming

Abstract / Introduction

A web-based Chat bot is a computer software that simulates natural human speech and interacts with users via the internet. It answers questions from users and offers guidance or support, acting as a virtual assistant. Customer service, e-commerce, and information retrieval are just a few of the uses for these chat bots, which can be included in websites, messaging services, or mobile apps. Natural language processing (NLP) and machine learning are two technologies that web-based chat bots employ to comprehend and interpret user input. This allows for dynamic and interactive discussions. Enhancing user experiences, streamlining communication, and automating repetitive chores are the main objectives of a web-based Chat bot, which will eventually increase productivity and engagement in online settings. In Chat bot, the users will type messages or use voice recognition to communicate with the Chat bot. The interface displays the Chatbot's responses in a conversational format, showing both the user's messages and the Chatbot's replies. This message history provides context for the conversation. Chat bot interface will include features for user engagement, such as emojis, stickers, or interactive elements, to make the interaction more enjoyable and expressive. A typing indicator will show when the chatbot is processing a response, indicating to the user that the chat bot is active. Users will attach files, images, or other media in their messages, and the interface should support the display and handling of these attachments. Interfaces often include quick reply buttons or options for users to select from, simplifying the interaction process and guiding users to specific actions or responses.

Functional Requirements:

1. The chat bot interface must support both text-based and voice-based input from users.
2. The interface should display the chat bot's responses and user messages in a conversational format, maintaining a message history for context.
3. The chat bot interface must provide features for user engagement, including emojis, stickers, and interactive elements to enhance the user experience
4. A typing indicator feature is required to notify users when the chat bot is processing a response, indicating that the chat bot is active and working on their request.
5. The chat bot interface should include quick reply buttons or options that allow users to select from predefined choices, simplifying interactions and guiding users to specific actions or responses.

For teaching and development help

WhatsApp # 0342 723 1109

WhatsApp # +923427231109

Skype id: link.study (shows like link.study(Rizwan))

Skype direct link: <https://join.skype.com/invite/j0lyTpQFFN24>

Email: SimplifyProjects@outlook.com

For teaching and development help

WhatsApp # 0342 723 1109

WhatsApp # +923427231109

Skype id: link.study (shows like link.study(Rizwan))

Skype direct link: <https://join.skype.com/invite/j0lyTpQFFN24>

Email: SimplifyProjects@outlook.com