

Cloud Application Development- Group 1

Chatbot Deployment with IBM Cloud Watson Assistant

TEAM MEMBERS

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Project Title: Chatbot with Watson

Problem Statement: Create a helpful virtual guide using IBM Cloud Watson Assistant. Customize the chatbot to assist users on popular messaging platforms like Facebook Messenger and Slack. Provide useful information, answer FAQs, and offer a friendly conversational experience. Empower users with quick access to information and create meaningful connections through your virtual guide!

Problem Definition: The project involves creating a chatbot using IBM Cloud Watson Assistant. The goal is to develop a virtual guide that assists users on messaging platforms like Facebook Messenger and Slack. The chatbot should provide helpful information, answer frequently asked questions (FAQs), and offer a friendly conversational experience. The project includes designing the chatbot's persona, configuring responses, integrating with messaging platforms, and ensuring a seamless user experience.

Design Thinking:

1. **Persona Design:** Define the chatbot's persona, including its name, tone, and style of communication.
2. **User Scenarios:** Identify common user scenarios and FAQs that the chatbot should be able to address.
3. **Conversation Flow:** Design the conversation flow, outlining how the chatbot responds to user queries and prompts.
4. **Response Configuration:** Configure the chatbot's responses using Watson Assistant's intents, entities, and dialog nodes.
5. **Platform Integration:** Integrate the chatbot with popular messaging platforms like Facebook Messenger and Slack.
6. **User Experience:** Ensure a seamless and user-friendly experience, with clear prompts and informative responses.