Project Phase 1:
Problem Definition and Design Thinking

Project Description

The project aims to create Machine learning deployment with IBM cloud Watson studio. The primary objective is to act as a virtual guide, assisting users on messaging platforms such as Facebook Messenger and Slack. It should offer helpful information, address frequently asked questions (FAQs), and provide a friendly conversational experience.

Project Scope

The project scope includes the following key aspects:

Personal Design: Define the Machine learning deployment with IBM cloud Watson studio persona, including its name, tone, and style of communication.

User Scenarios: Identify common user scenarios and FAQs that the Machine learning deployment with IBM cloud Watson studio should be capable of addressing.

Conversation Flow: Design the conversation flow, outlining how the Machine learning deployment with IBM cloud Watson studio responds to user queries and prompts.

Response Configuration: Configure the Machine learning deployment with IBM cloud Watson studio responses using Watson Assistant's intents, entities, and dialog nodes.

Platform Integration: Integrate the seamlessly with popular messaging platforms like Facebook Messenger and Slack.

User Experience: Ensure a user-friendly experience, with clear prompts and informative responses.

Design Thinking Personal Design

The Machine learning deployment with IBM cloud Watson studio persona is a crucial aspect of this project. We have defined the following characteristics:

Name: "Machine learning deployment with IBM following Watson studio"

Tone: Friendly, helpful, and informative.

Style of Communication: Conversational and approachable.

User Scenarios

To understand the Machine learning deployment with IBM cloud Watson studio purpose and functionalities better, we have identified the following common user scenarios and FAQs:

User Scenario 1: General Information

User Query: "How can I book a service?"

Machine learning deployment with IBM studio Response: Explain the booking process and provide relevant links.

User Scenario 3: Frequently Asked Questions

User Query: "What are your business hours?"

Machine learning deployment with IBM cloud Watson studio Response: Share the business hours and holiday schedules.

Conversation Flow

We have designed the Watson conversation flow to ensure a logical and engaging interaction with users. The flow includes:

Greeting and welcoming users.

Providing information about services and FAQs.

Guiding users through the booking process.

Addressing user inquiries and providing clear responses.

Response Configuration

To configure the Watson responses, we will utilize Watson Assistant's features, including intents, entities, and dialog nodes. Intents will help us identify user intentions, while entities will allow us to extract specific information from user queries. Dialog nodes will guide the conversation and provide context-aware responses.

Platform Integration

will be integrated with popular messaging platforms, including Facebook Messenger and Slack. We will ensure that it functions seamlessly on these platforms, allowing users to access information and assistance conveniently.

User Experience

A key focus of this project is to deliver an exceptional user experience. We will design the Machine learning deployment with IBM cloud Watson studio interface to be user-friendly, with clear and concise prompts. Responses will be informative and tailored to meet user needs, ensuring a positive and engaging interaction.