

Unplugged Activity : Chatbot Personality

This activity allows students to design a chatbot personality through voice traits and language use, act out this personality, then receive peer feedback.



Learning Objectives

- I can explain how different voice traits can influence the personality of a voice-based chatbot and infuse proper personalities into my chatbot.



AI Big Ideas

- 4. Natural Interaction



Teacher Preparation

- Prepare the [worksheets](#) (one set of copies per student) and writing utensils.



Activity Guide

This activity comprises three rounds reflecting the phases of agent training and between-round activities to train the agent.

Activity Preparation (1 min)

- Split the students into pairs and distribute one worksheet per pair.



Notes

- A *Greet intent* is usually triggered at the initiation of the conversation, such as "Hi, I am [BotName]."
- A *Default fallback intent* is triggered when the user's expression cannot be matched to any existing intents (e.g.,



Main Activities (20 mins)

- Instruct each pair to create a dialogue script for their chatbot's Greet, Default Fallback, and Bye intents.
- Acting out
 - Option 1. Have two pairs of students come out to the front and act out their dialogue scripts. Let the rest guess the personality and give feedback on how to improve them.
 - Option 2. Have each pair group with the adjacent pair to form a small group. Have one pair act out their dialogues, and the other guess the personality and give feedback. Take turns and do the same.

Wrap-Up Discussion (5 mins)

Engage the students in a discussion using the following discussion questions:

- Did the chatbot personalities and dialogue scripts feel natural?
- What feedback helped you improve?

"Sorry, I can't answer that.
Please try again.")

- *Bye intent* is triggered when the user intends to end the conversation. An example response for the Bye intent is "Bye! Talk to you later." in the dialogue section of their worksheet.
- Summarize the activity emphasizing that developers can create chatbots to deliver emotions and have more natural interactions with humans by customizing their voice features and languages.



Resources and Links

- [Worksheet](#)