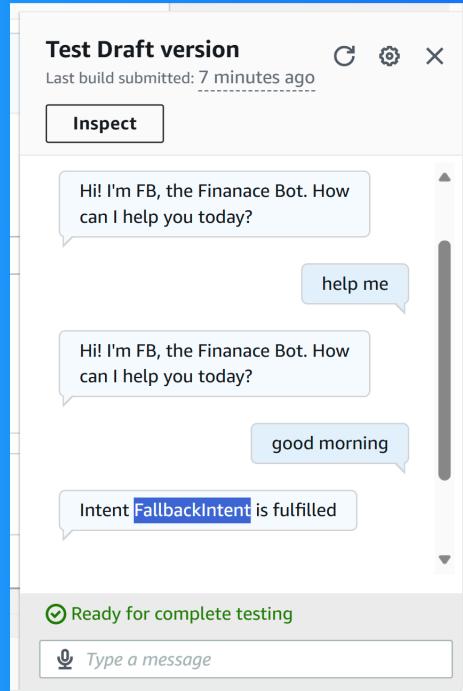




Build a Chatbot with Amazon Lex



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Introducing Today's Project!

What is Amazon Lex?

Amazon Lex is a service provided by AWS (Amazon Web Services) that allows developers to create conversational interfaces using voice and text.

How I used Amazon Lex in this project

I used Amazon Lex in today's project to create a conversational bot that can interact with users via text and voice.

One thing I didn't expect in this project was...

Response from the Bot, what we have give like welcomeintent and fallbackintent that is reflected on bot.

This project took me...

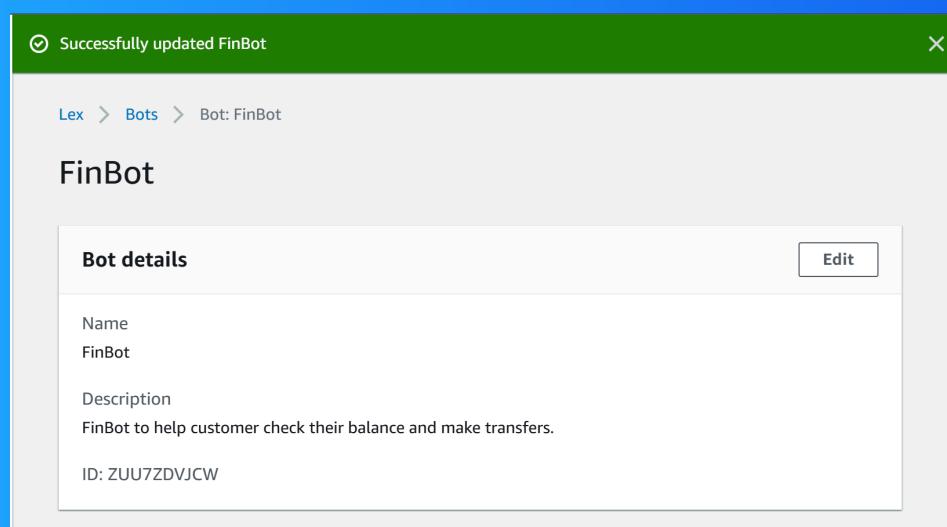
nearly an hour

Setting up a Lex chatbot

just 2 min

Amazon Lex permissions are granted to ensure that the chatbot can perform its intended tasks while maintaining a secure and efficient environment.

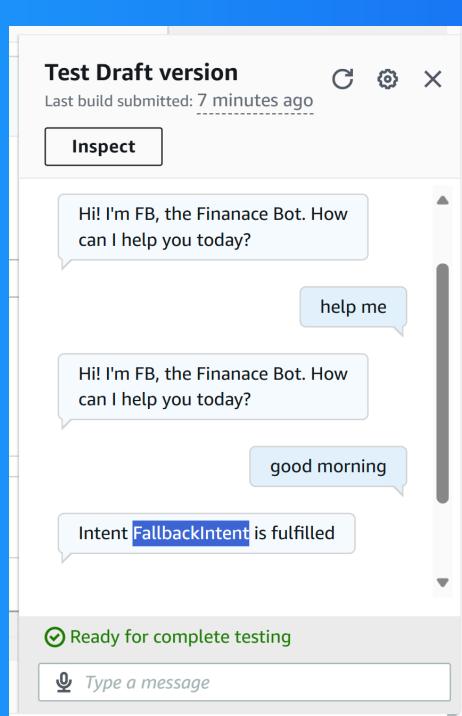
It allows for some flexibility in user input while still maintaining a reasonable level of certainty in intent classification.



Intents

intents are like goals what users are expecting from bot.

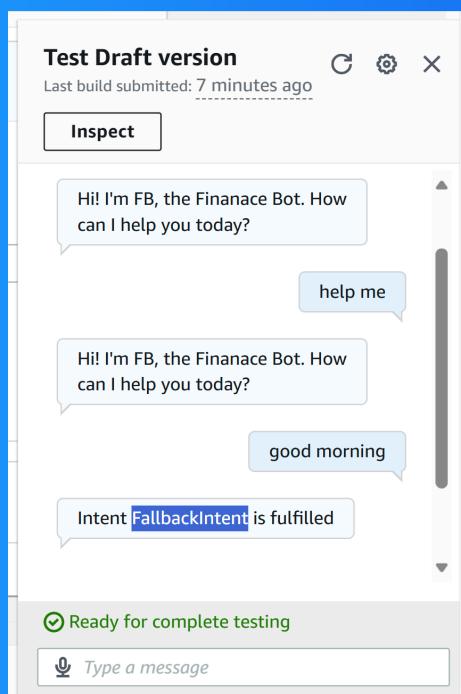
The response from this intent should be designed to make users feel comfortable and guide them towards the main functionalities of your system.example like "HI","HELLO".



FallbackIntent

HI,HELLO,HELP

The input I provided did not match any of the defined intents with sufficient confidence.



Configuring FallbackIntent

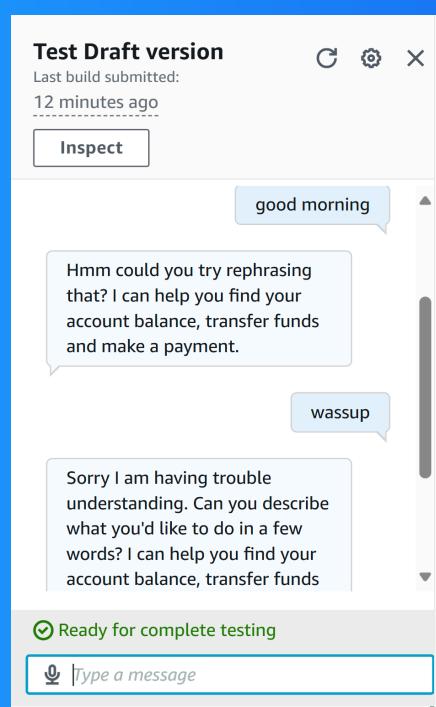
when the system cannot match the user's input to any of the predefined intents. It acts as a safety net, ensuring the conversation doesn't end abruptly if the user's request is unclear or unrecognized.

By configuring a FallbackIntent, you create a more adaptable and responsive system that can handle a wider range of user inputs while continuously improving based on those interactions.

Variations

Create the Fallback Intent, Define Responses, Set Confidence Threshold.

I also added variations! What this means for an end user is that when the fallback intent is triggered, the bot can respond with different messages instead of repeating the same response every time.





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