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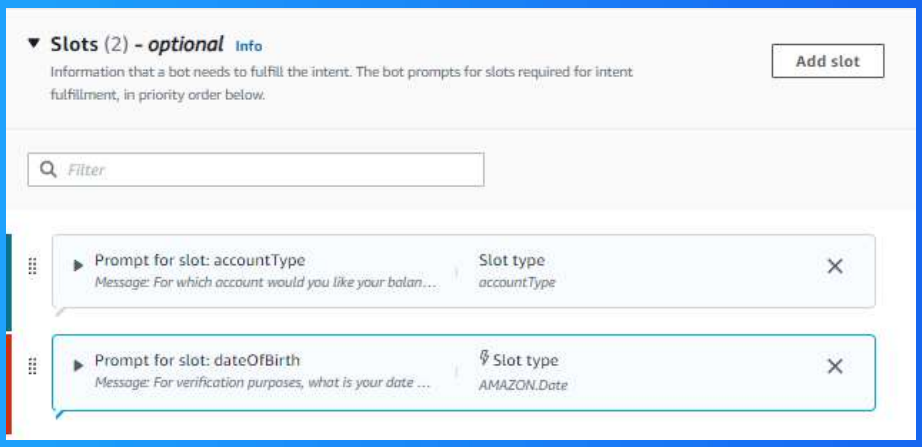
Build a Chatbot with Custom Slots

Chander Thakur



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Introducing Today's Project!

What is Amazon Lex?

Amazon Lex is service which offers text and speech related services

How I used Amazon Lex in this project

I created custom slots like accountType and check balance

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

something might seem simple but involves a lot of careful thinking

This project took me...

50 minutes

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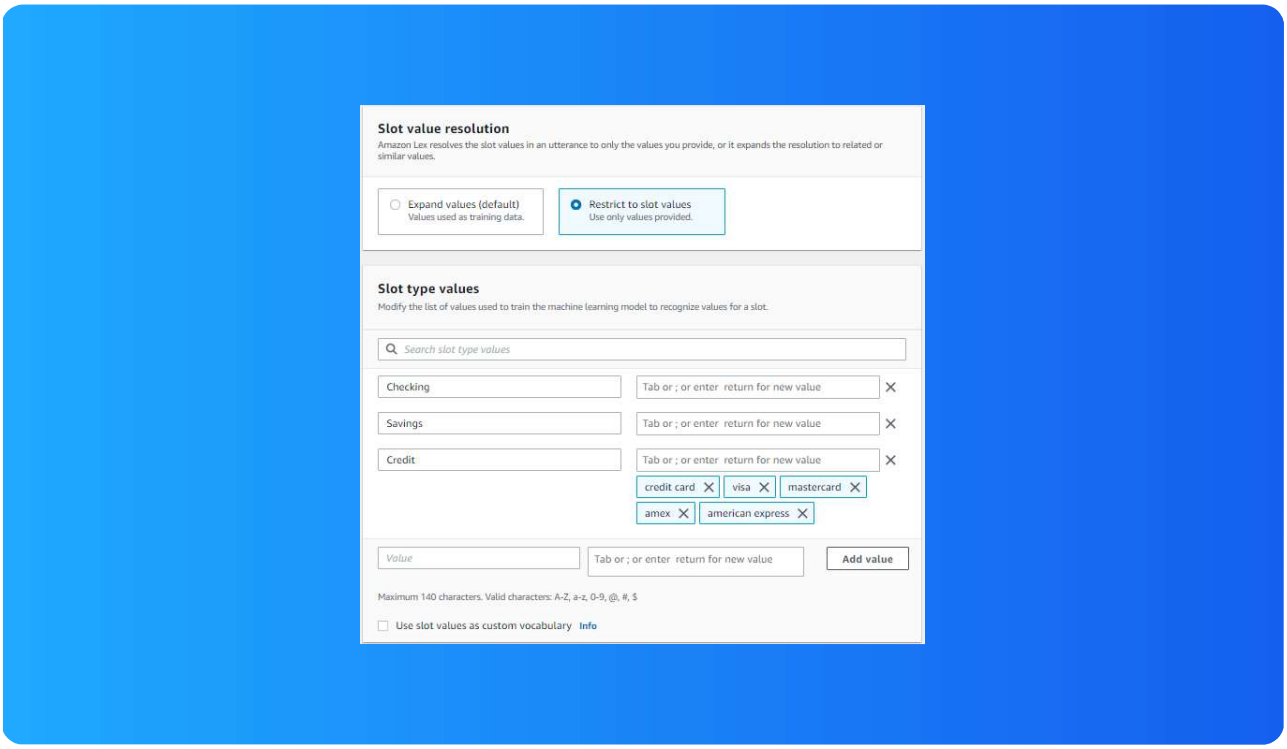
Slots

slots are like blanks that need to be filled by the user so that the bot can fulfill their request

In this project, I created a custom slot type to check the type of account the user has

This slot type has restricted slot values, which means only the values entered by the user are valid



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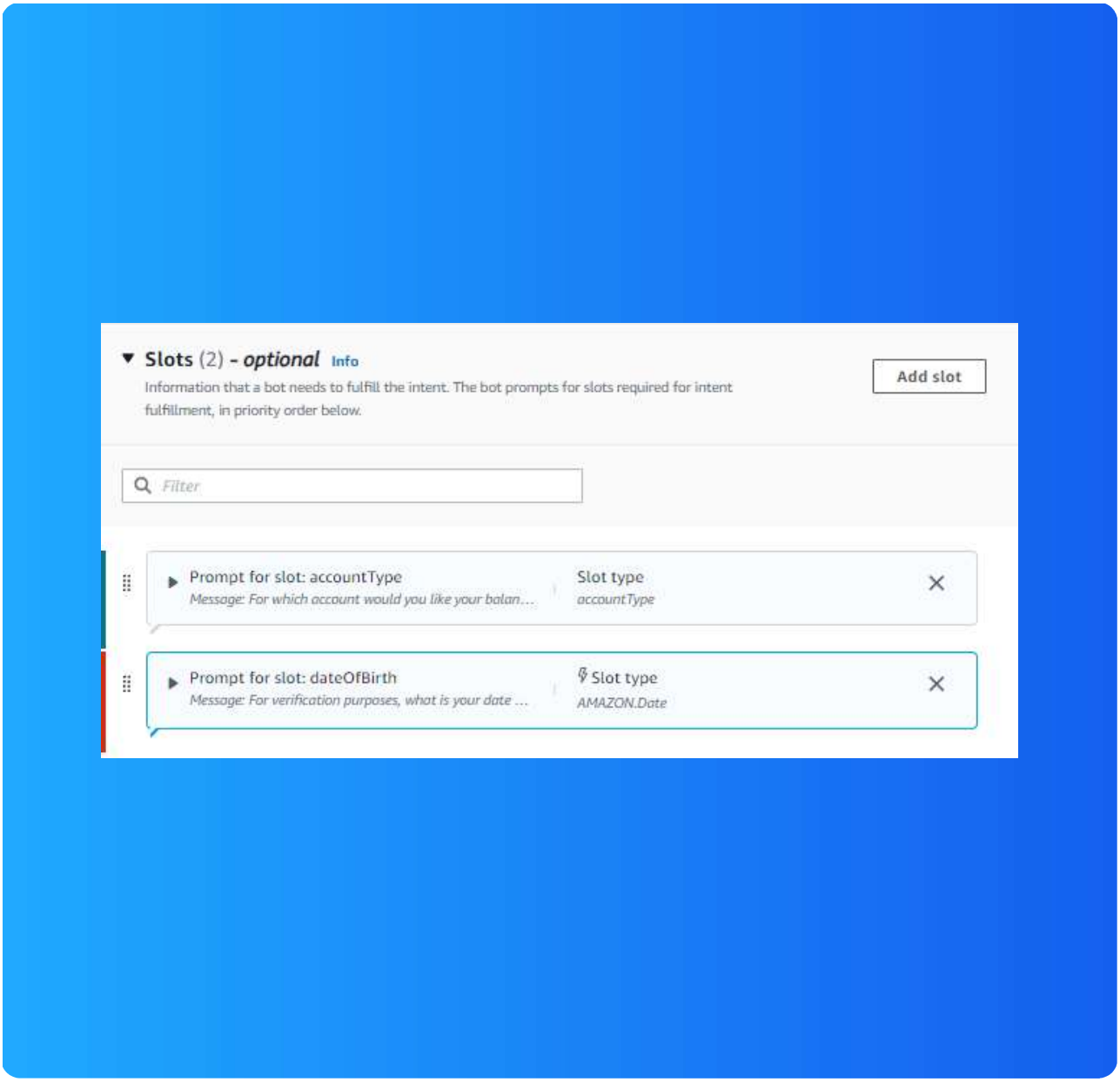
Connecting slots with intents

I associated my custom slot with CheckBalance, which means checking the balance in a user's account is an intent it might require some slots like type of account and date of birth



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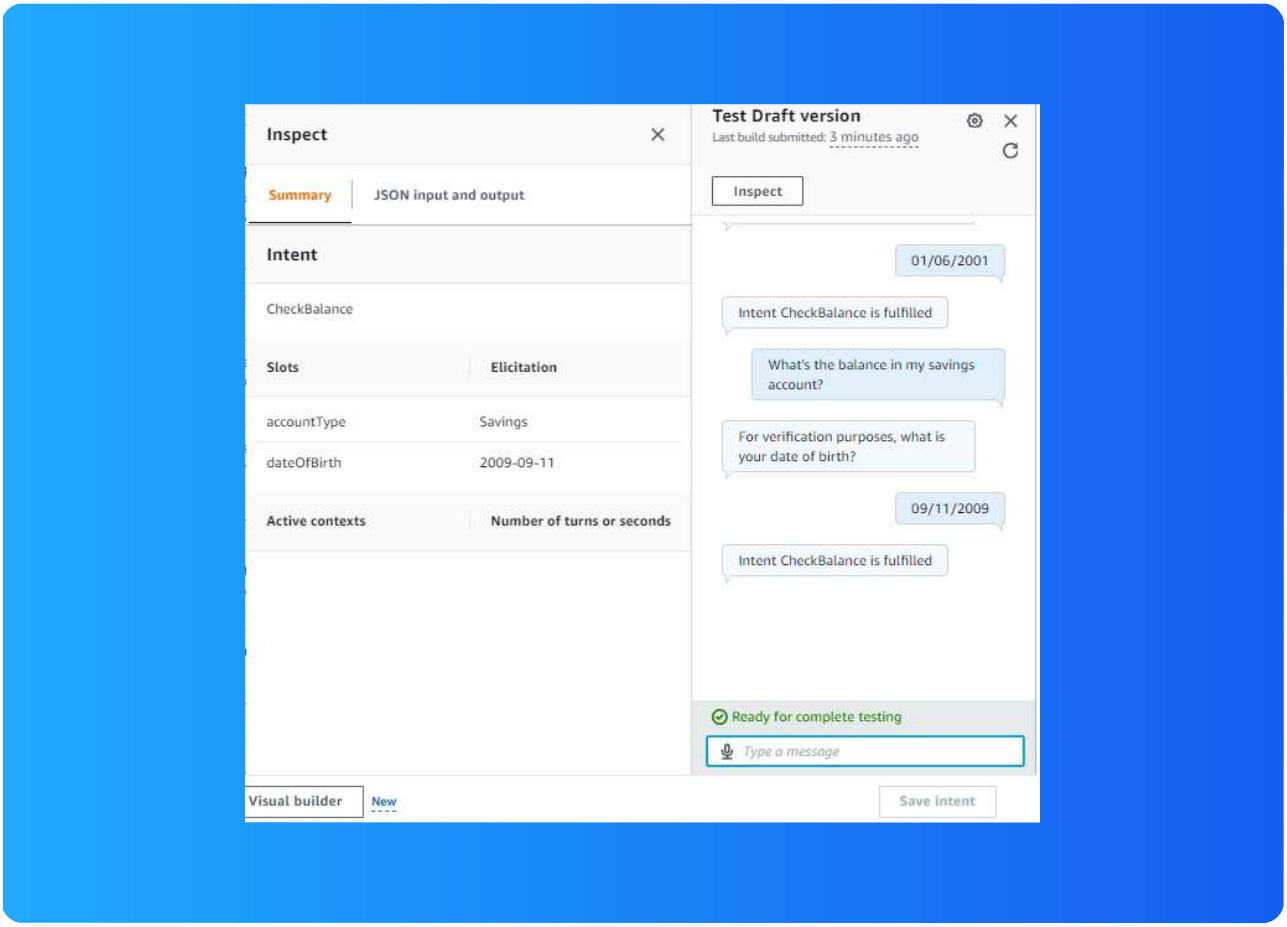
Slot values in utterances

I included slot values in some of the utterances (i.e. user inputs) by adding custom slots for the slot type For example checking , savings, credit account etc.

By adding custom slots in utterances, it can include all the words associated to account type and even some related to it



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