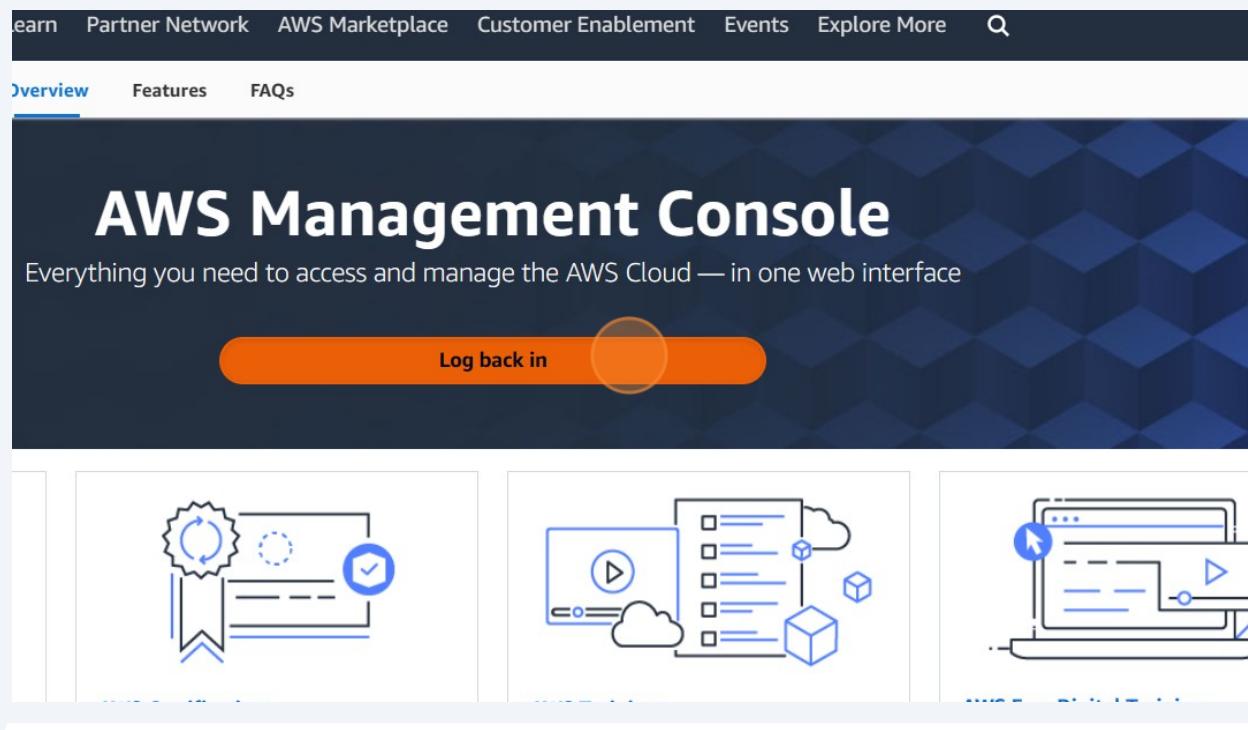


Create Hotel Booking Bot with Amazon Lex

Scribe

- 1 Navigate to <https://aws.amazon.com/console/>

- 2 Login to your Amazon web services portal



Root user
Account owner that performs tasks requiring unrestricted access. [Learn more](#)

IAM user
User within an account that performs daily tasks. [Learn more](#)

Root user email address

Next

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unrestricted access. [Learn more](#)

IAM user
User within an account that performs daily tasks. [Learn more](#)

Root user email address

Next

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Apache K
Made Eas

Set up and scale
clusters with ea
Amazon MSK

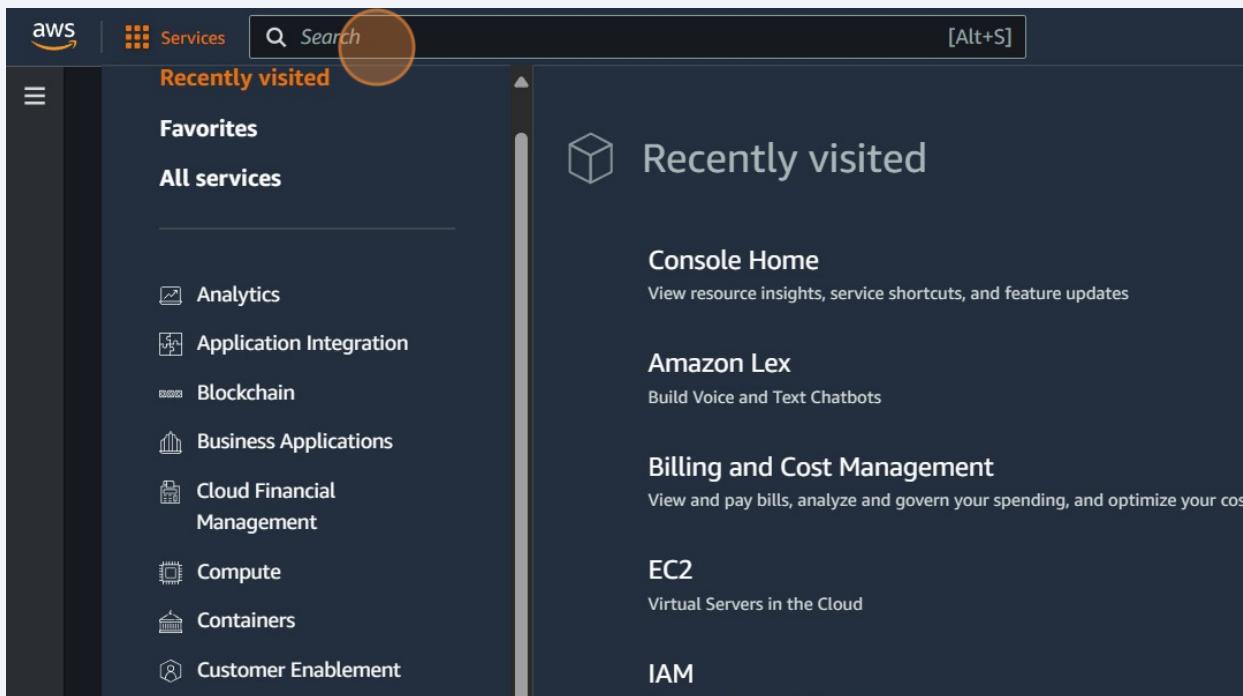
[Learn more >](#)

Made Easy

Set up and scale Ka
clusters with ease u
Amazon MSK

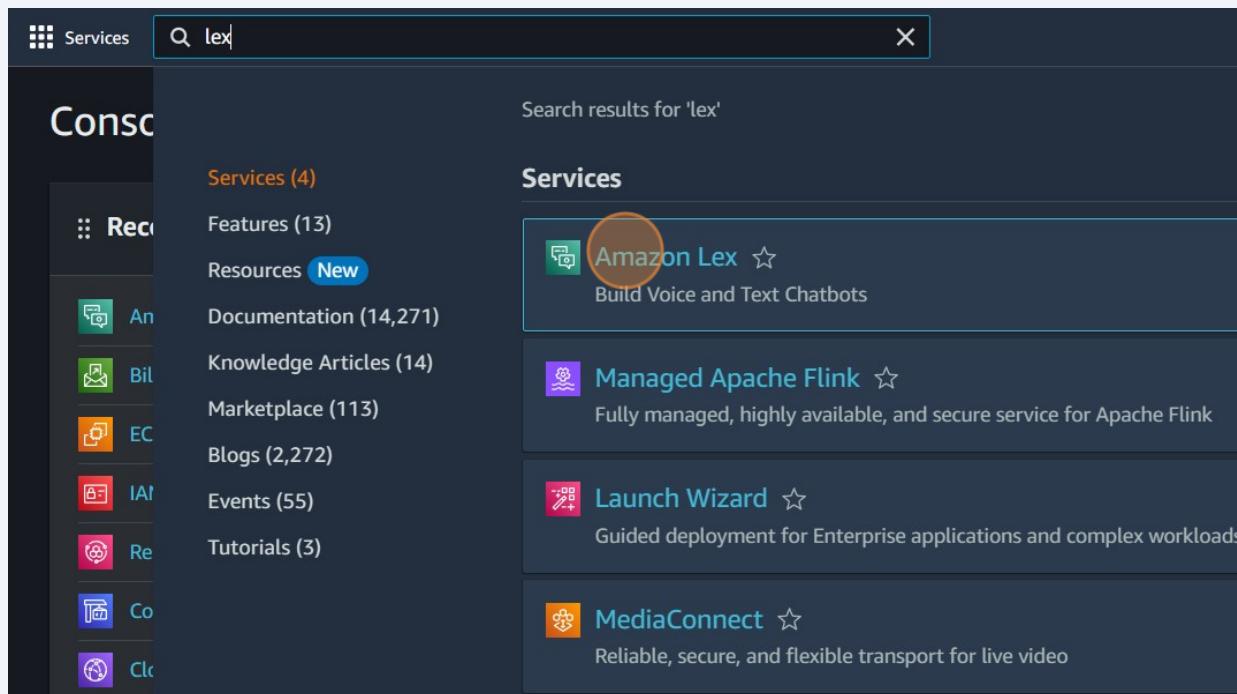
[Learn more >](#)

3 Click the "Search" field.

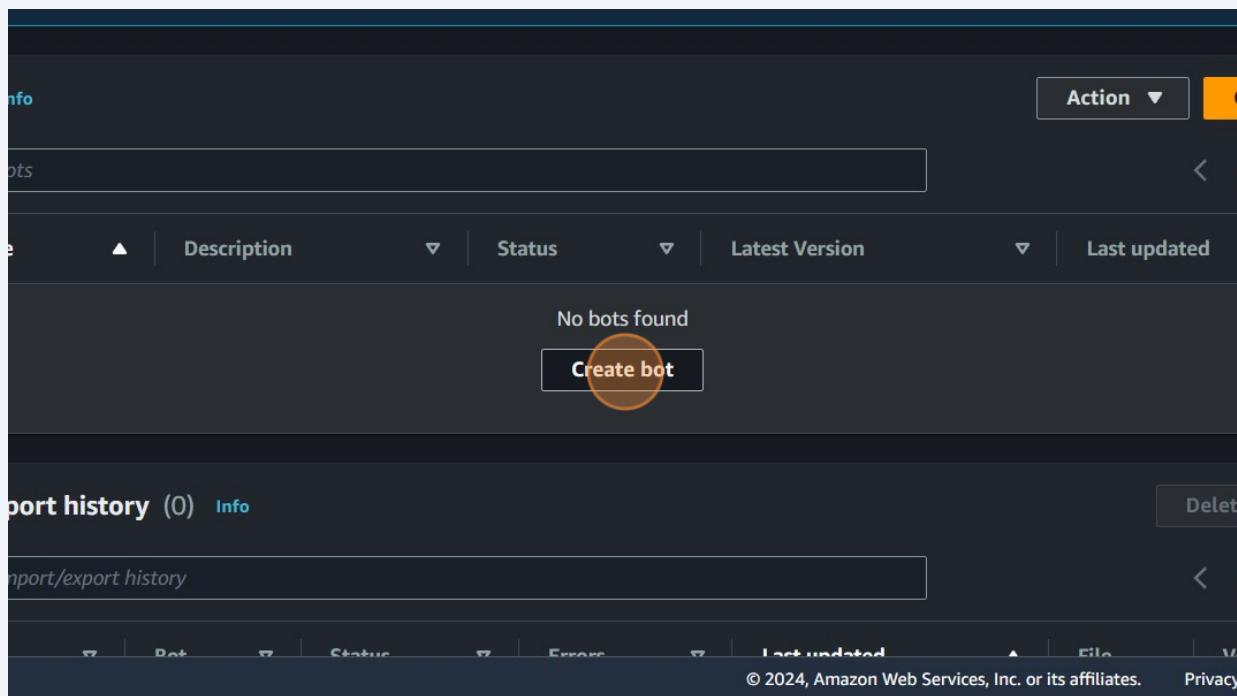


4 Type "lex"

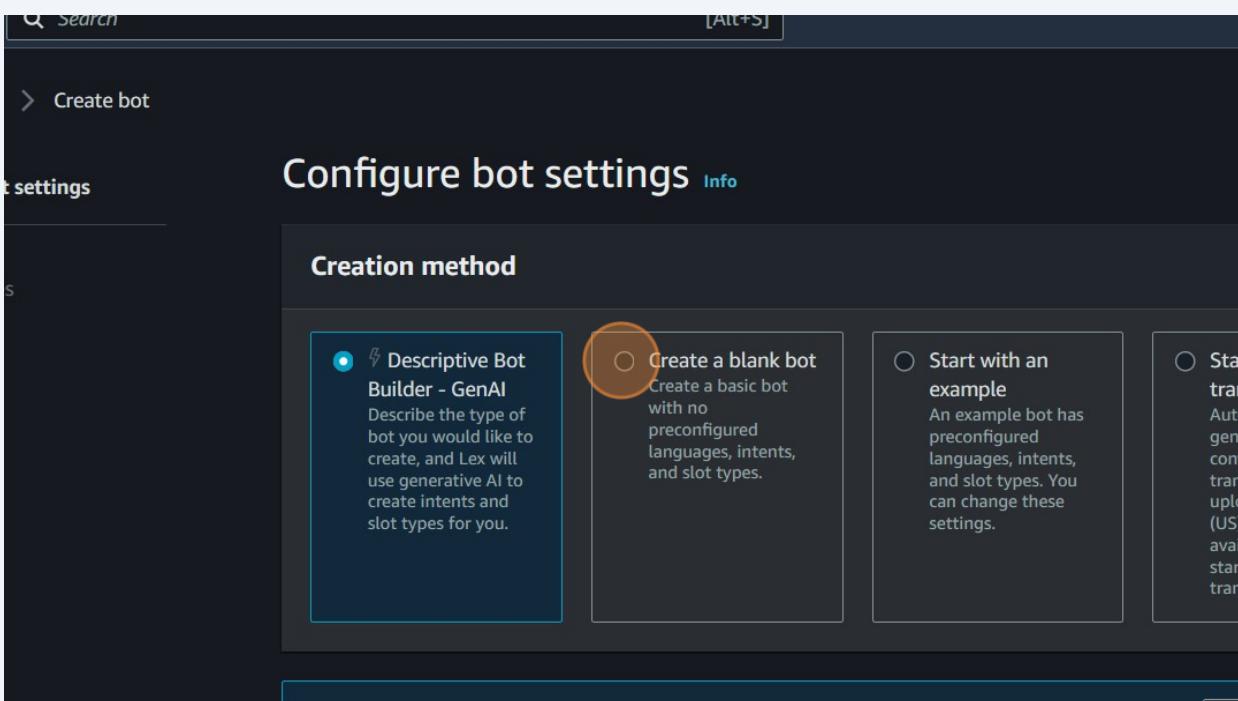
5 Click "Amazon Lex"



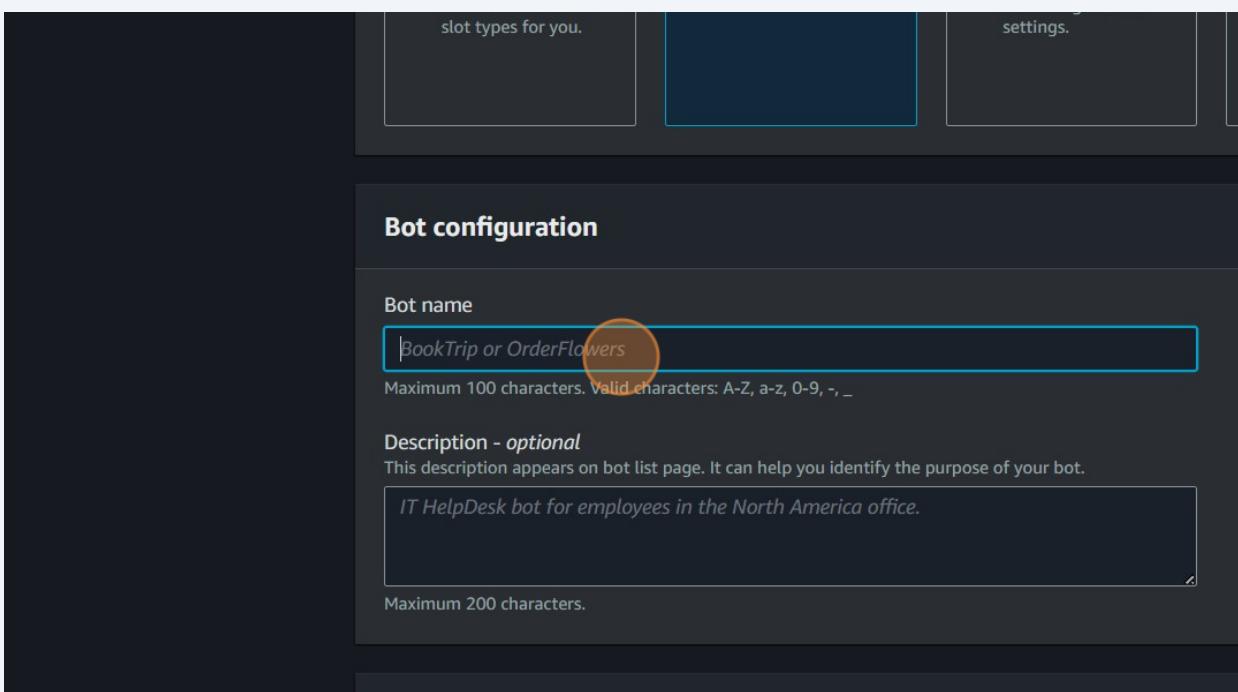
6 Click "Create bot"



- 7 Click the "Create a blank bot" button



- 8 Click the "Bot name" field and enter the name for your bot



- 9** Type "Hotelbooking"

- 10** Click the "Description - optional" field.

The screenshot shows the 'Bot configuration' section of the AWS Lambda console. It includes fields for 'Bot name' (set to 'Hotelbooking') and 'Description - optional' (set to 'IT HelpDesk bot for employees in the North America office.'), along with sections for 'IAM permissions' and 'Runtime role'.

Bot configuration

Bot name
Hotelbooking
Maximum 100 characters. Valid characters: A-Z, a-z, 0-9, -, _

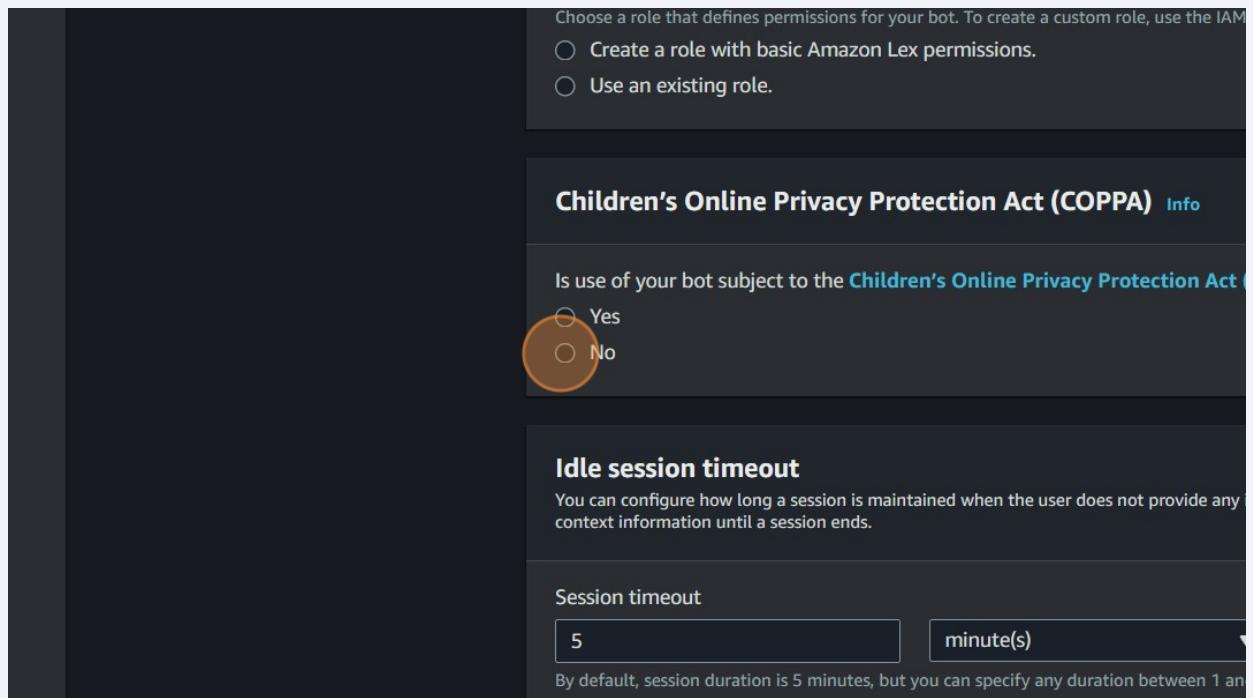
Description - optional
This description appears on bot list page. It can help you identify the purpose of your bot.
IT HelpDesk bot for employees in the North America office.
Maximum 200 characters.

IAM permissions Info
IAM roles are used to access other services on your behalf.

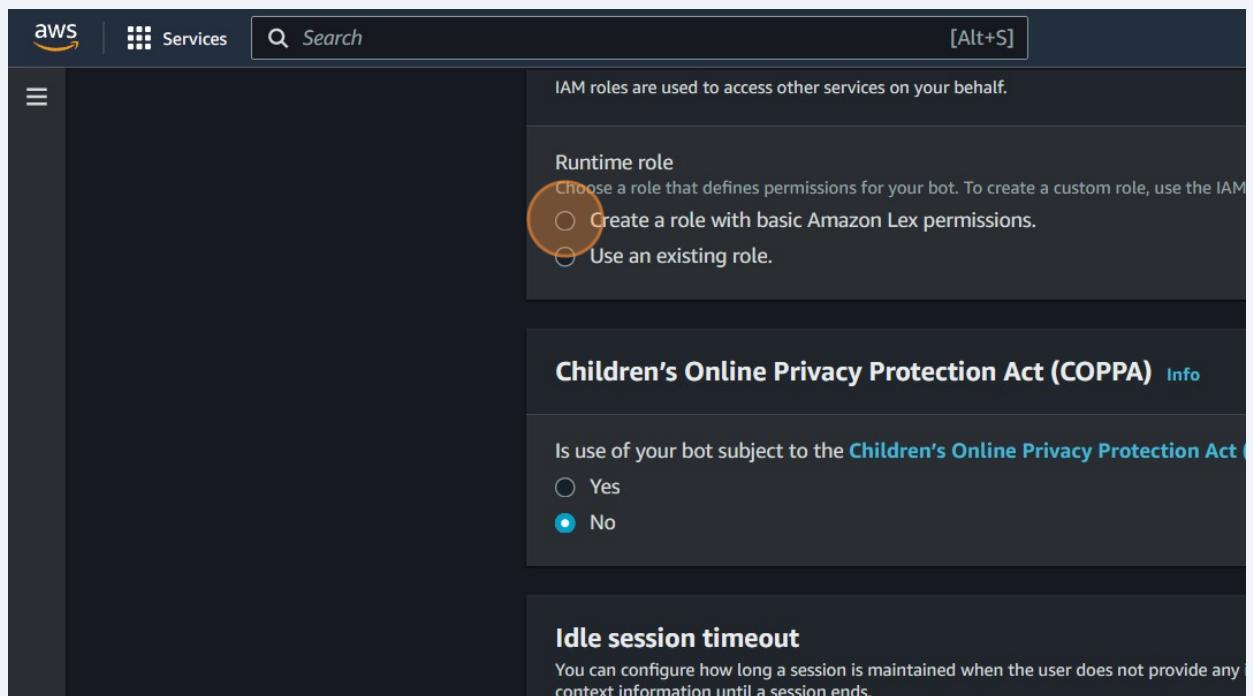
Runtime role
Choose a role that defines permissions for your bot. To create a custom role, use the IAM console.
 Create a role with basic Amazon Lex permissions.

- 11** Type "It helps users to book hotel rooms"

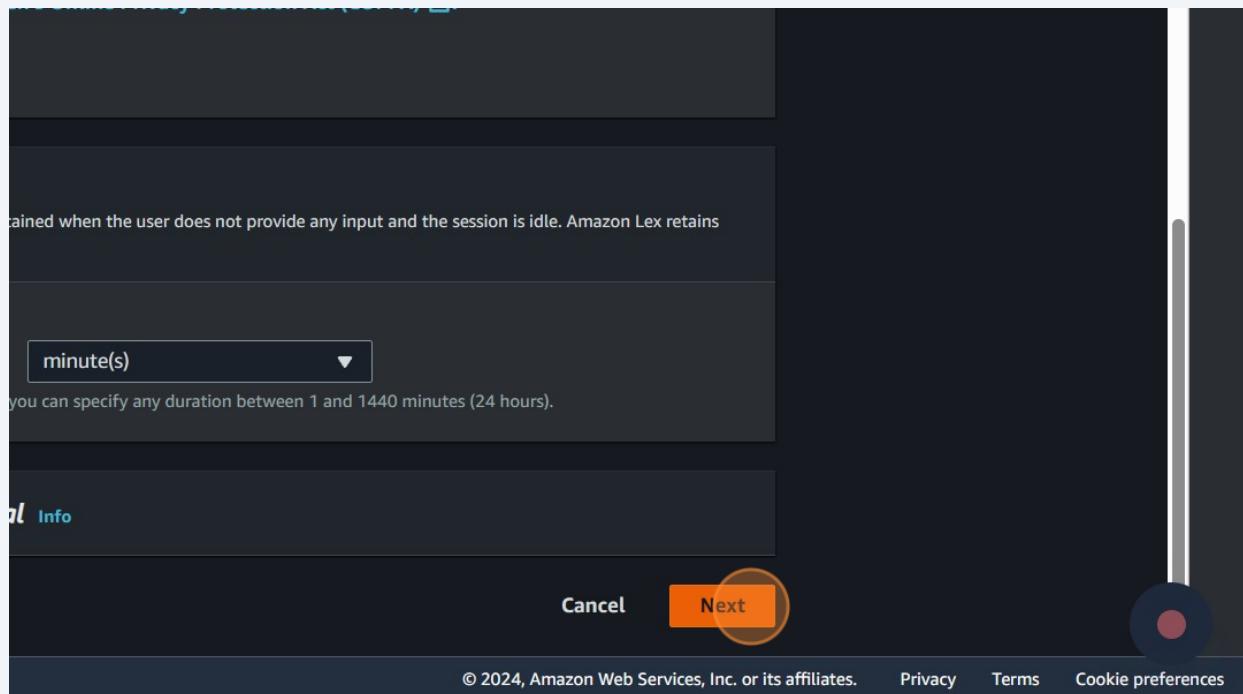
12 Click the "No" field.



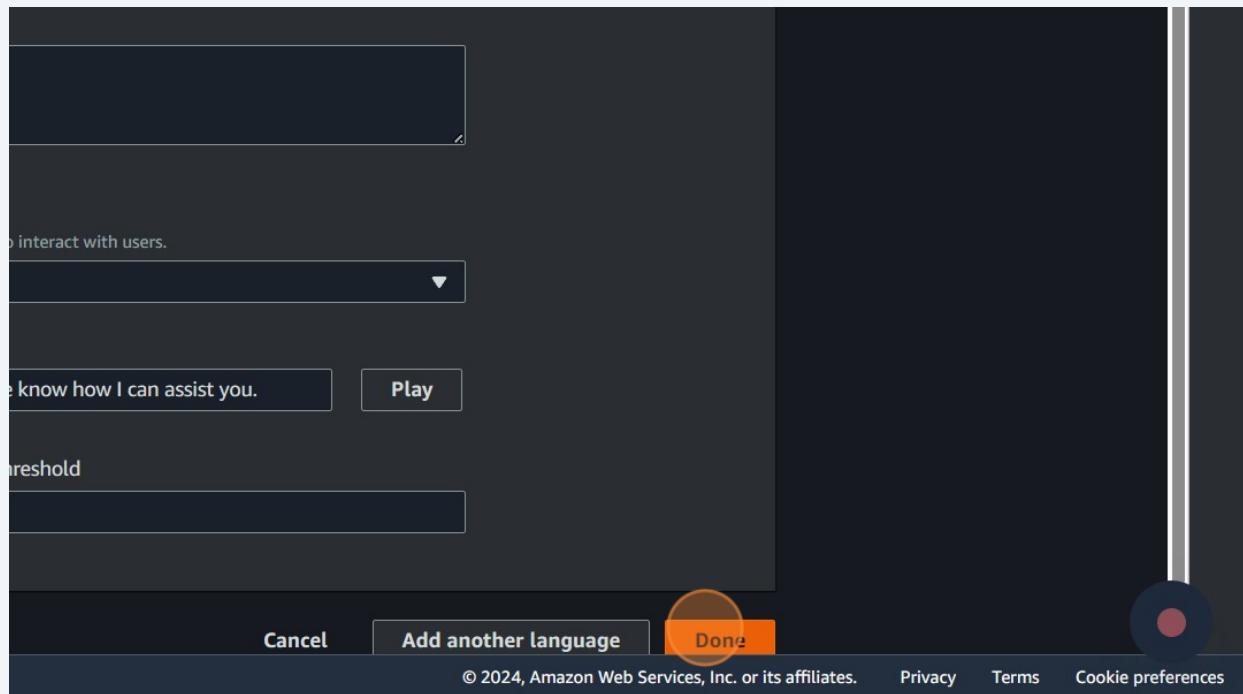
13 Click the "Create a role with basic Amazon Lex permissions." field.



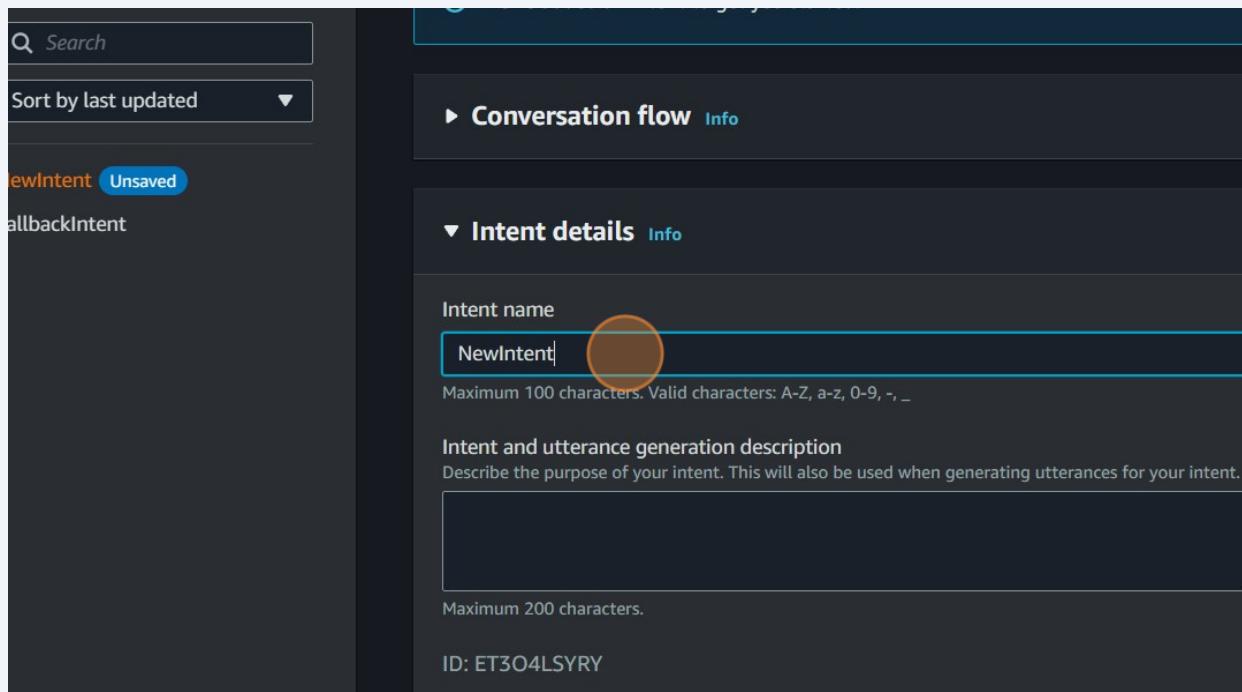
14 Click "Next"



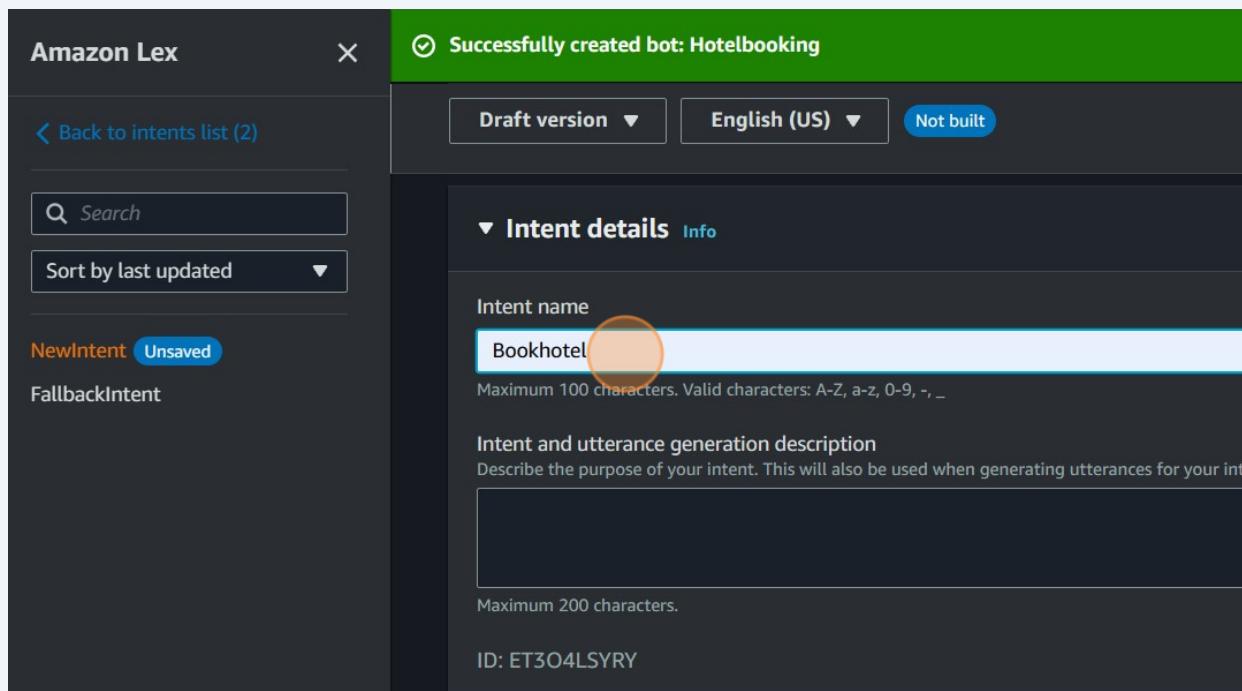
15 Click "Done"



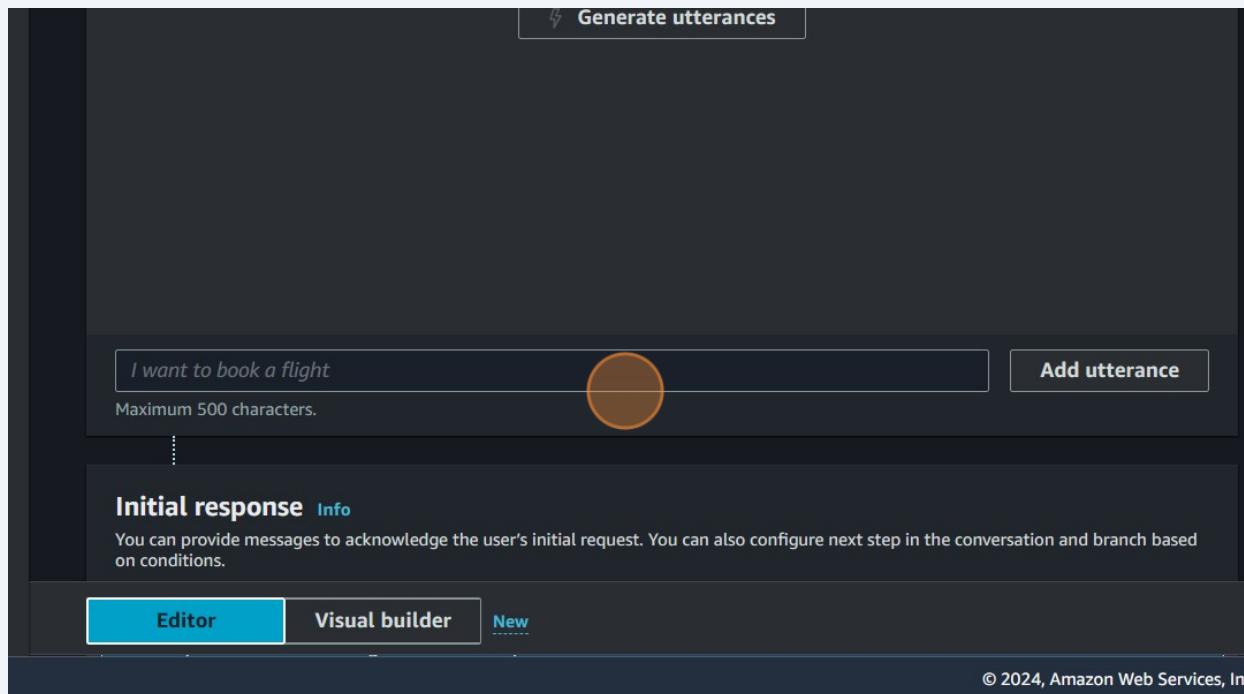
16 Click the "Intent name" field.



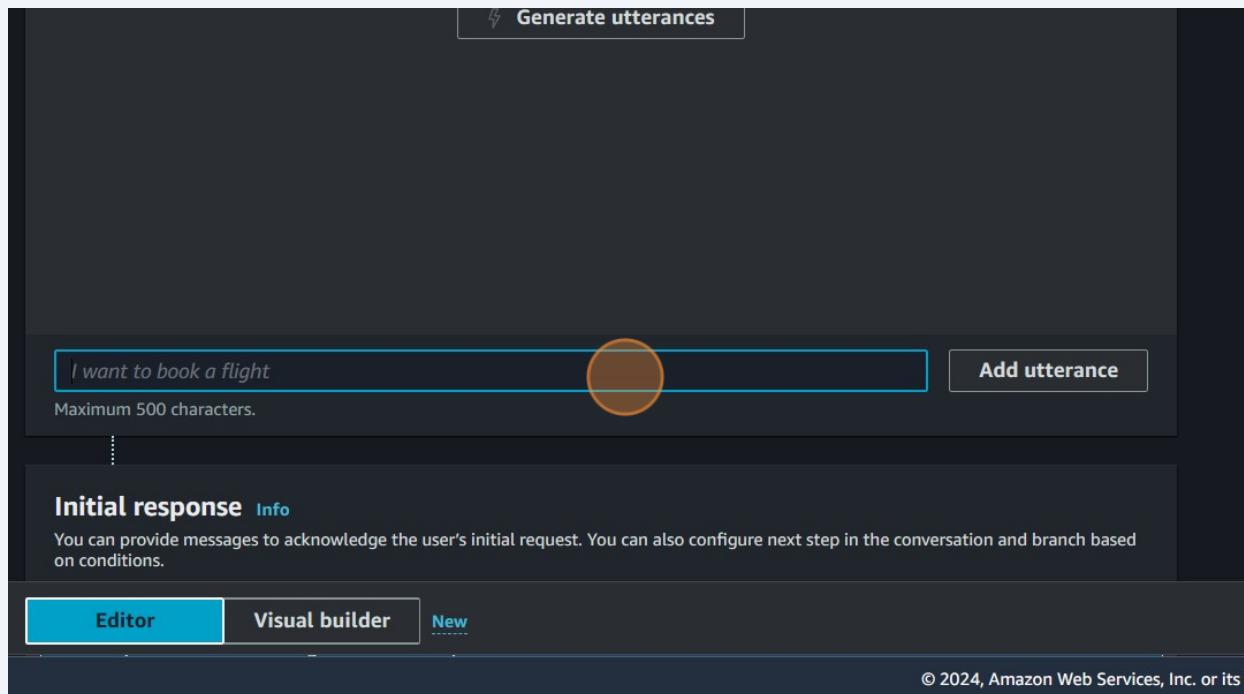
17 Click the "Intent name" field.



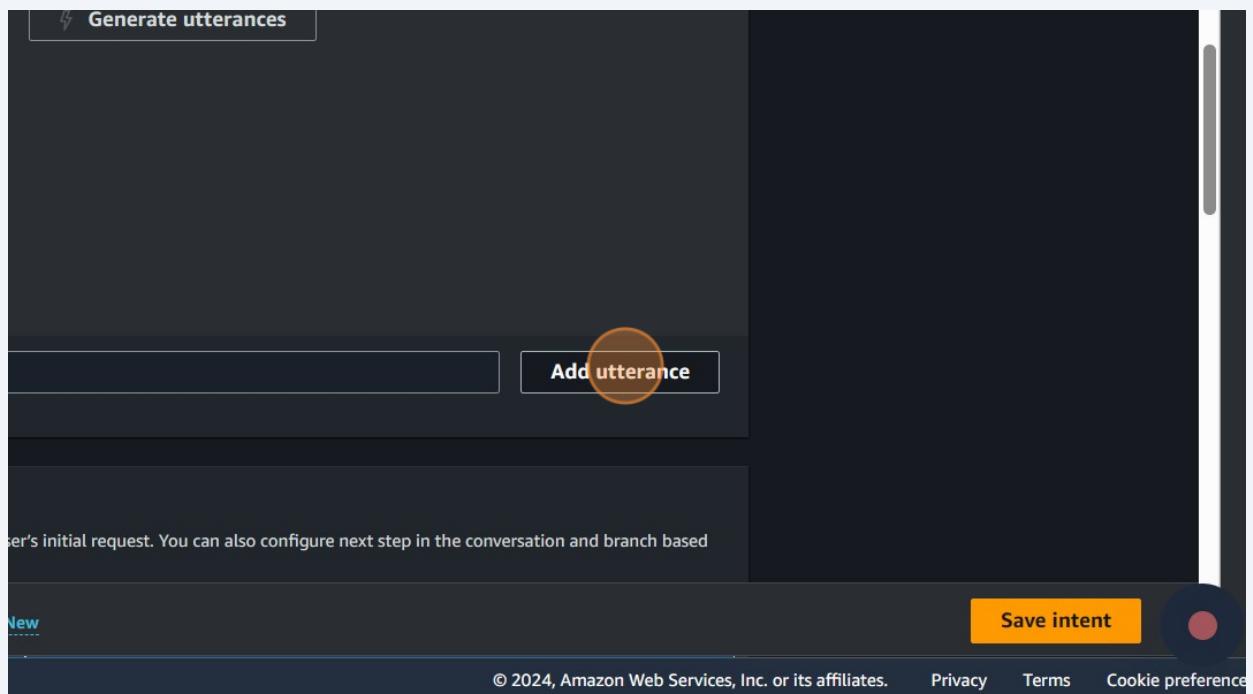
18 Click here to add utterance



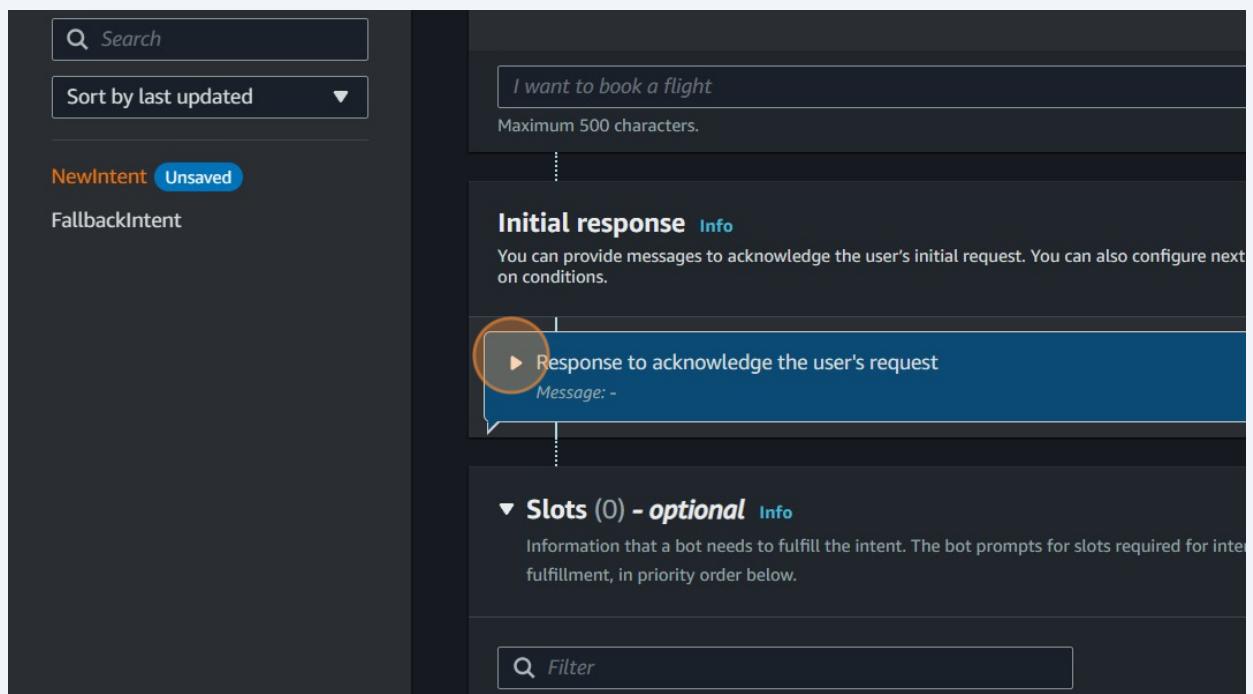
19
Type "Hi"
Type "I want to book hotel"
Type "I want room"
Type "Can you help me to book room ?"
Type "Room"
Type "Hello"



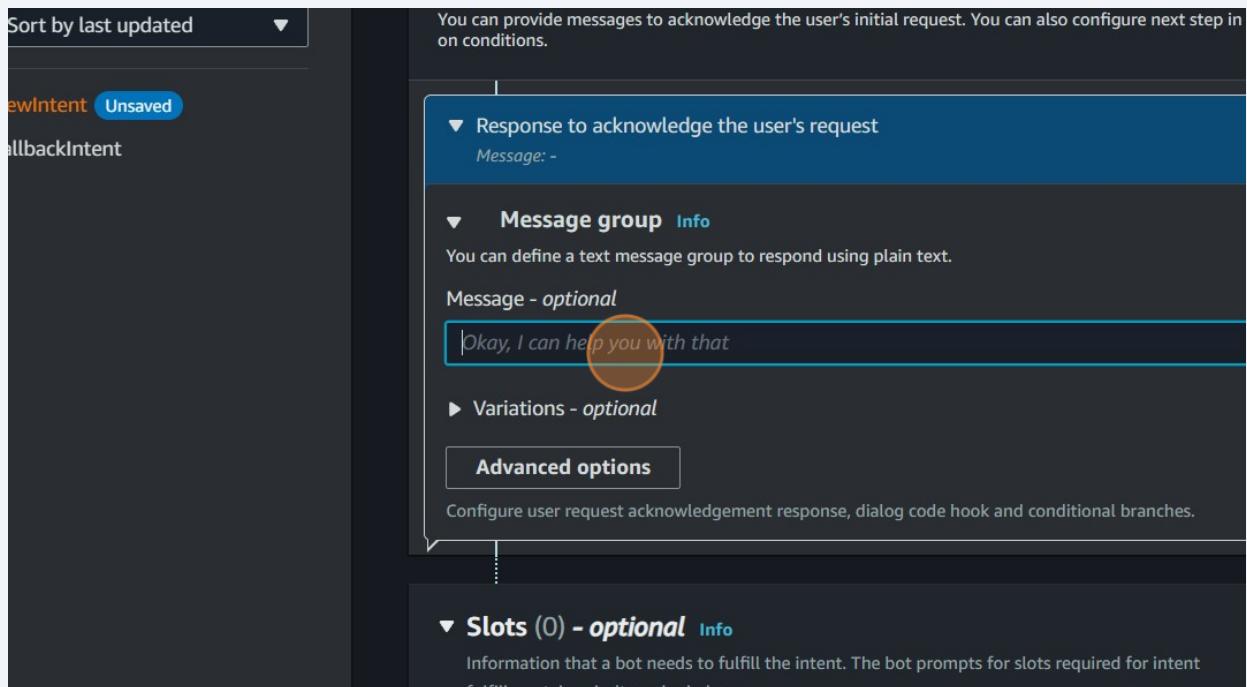
20 Click "Add utterance"



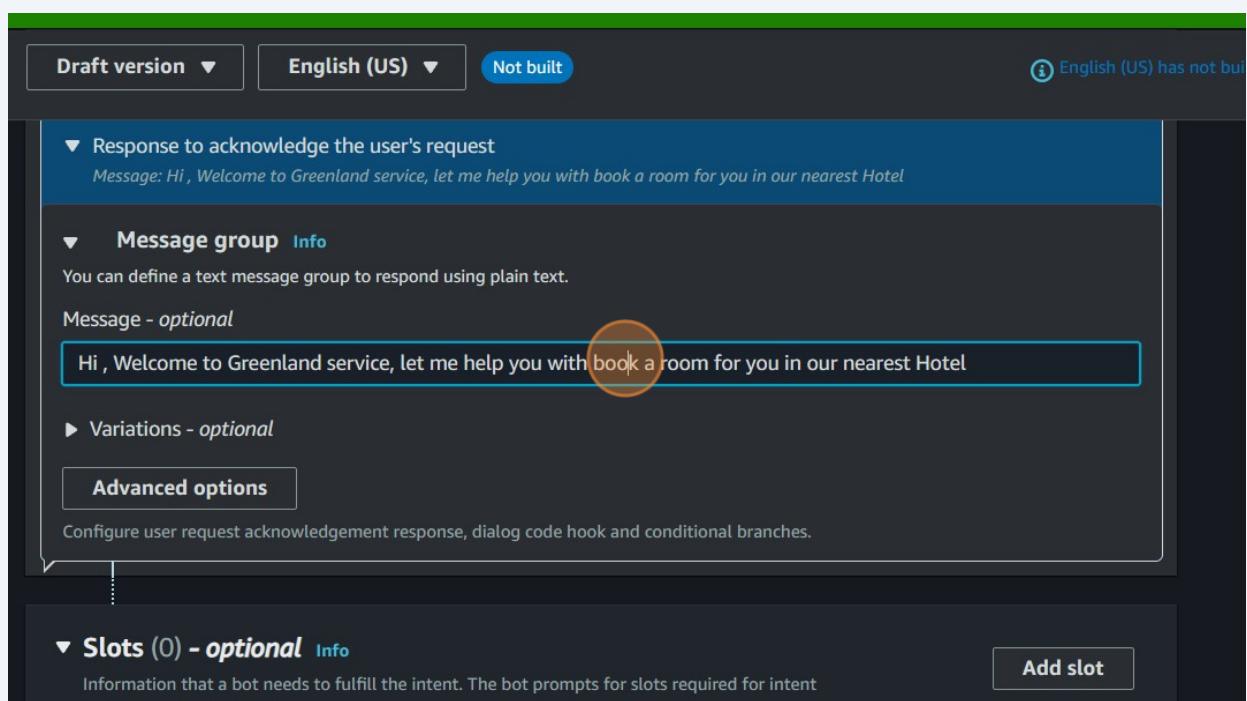
21 Click here.



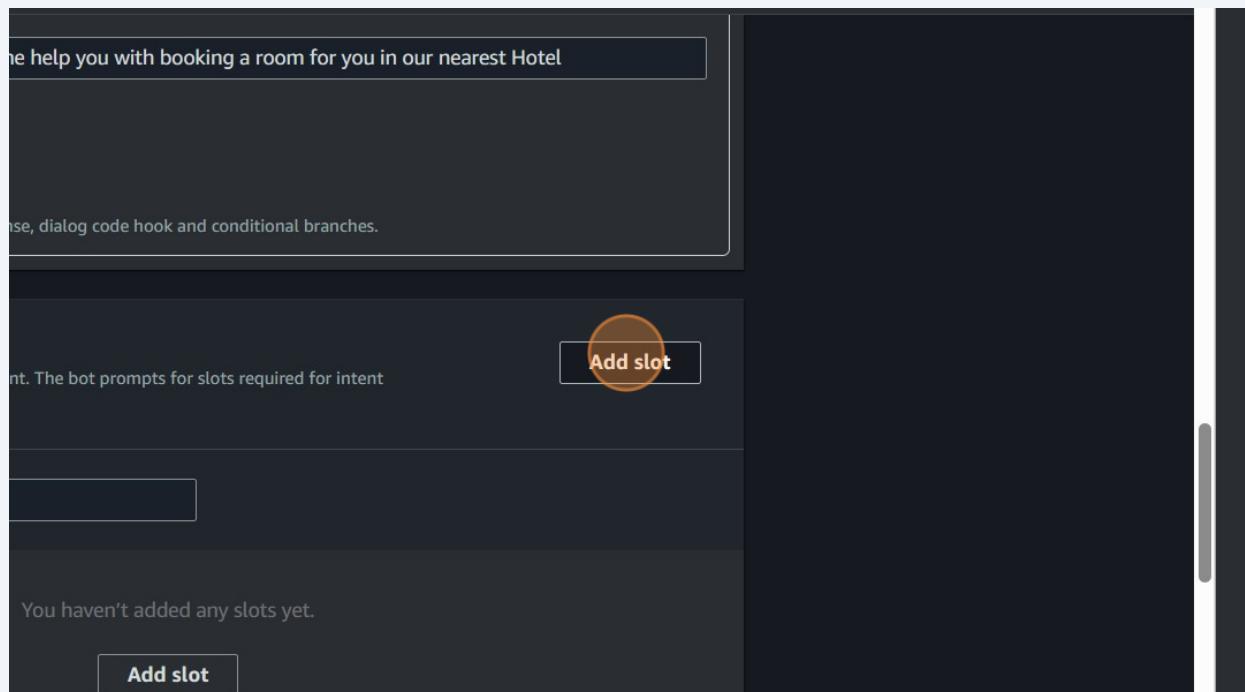
- 22 Click the "Message - optional" field.



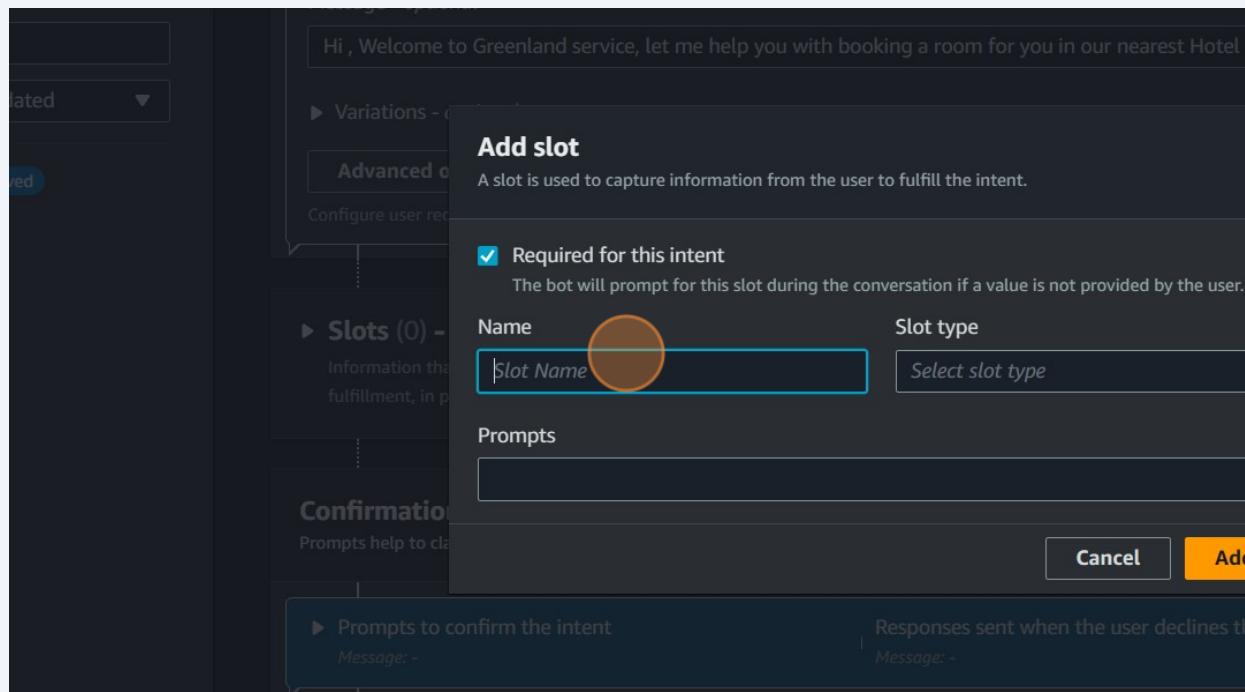
- 23 Type "Hi , Welcome to Greenland service, let me help you with booking a room for you in our nearest Hotel"



24 Click "Add slot"

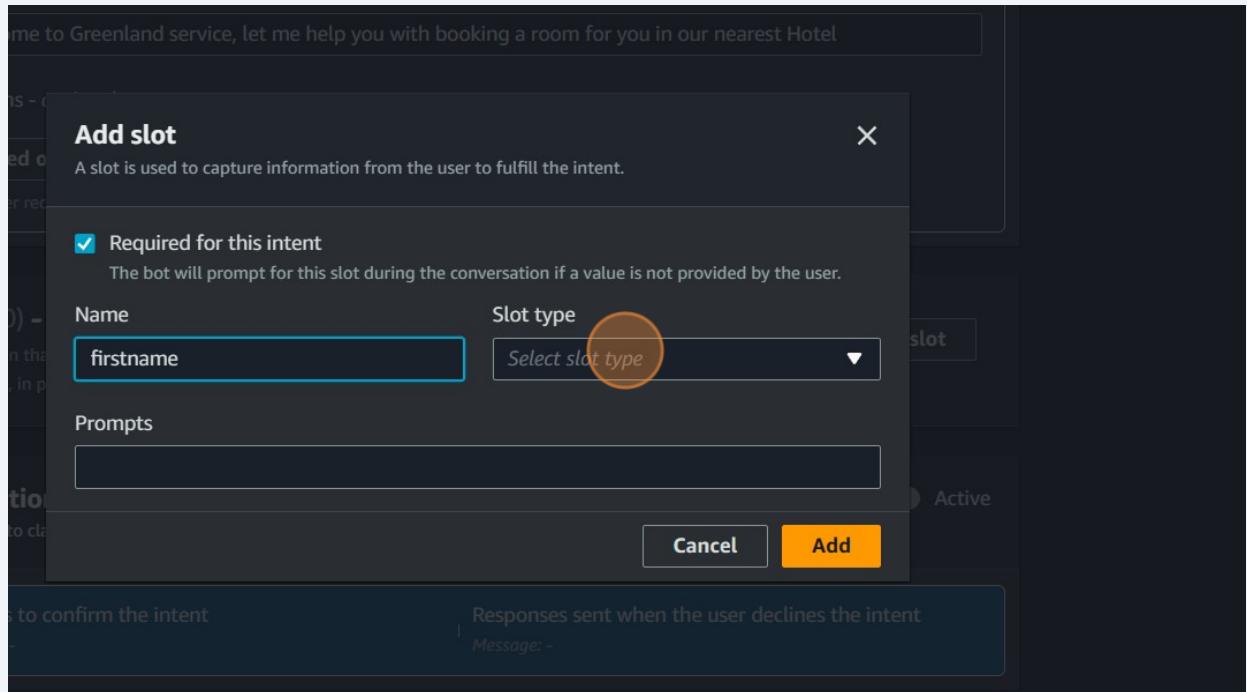


25 Click the "Name" field.

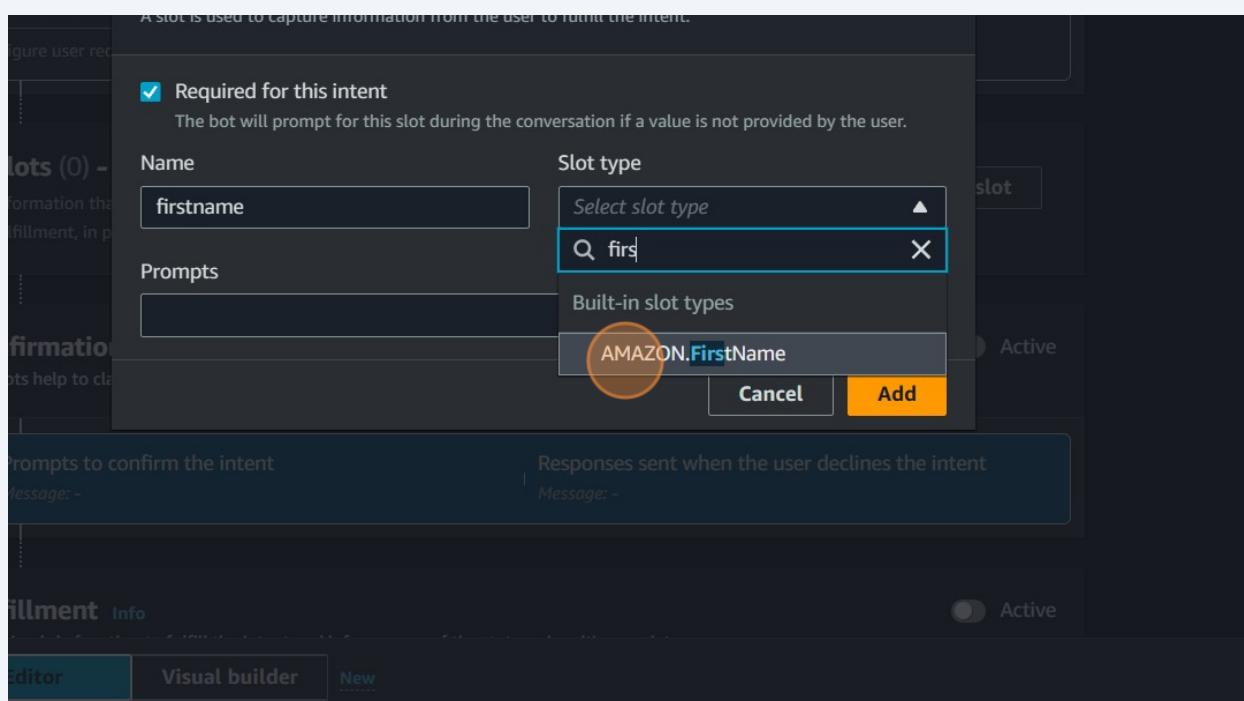


26 Type "firstname"

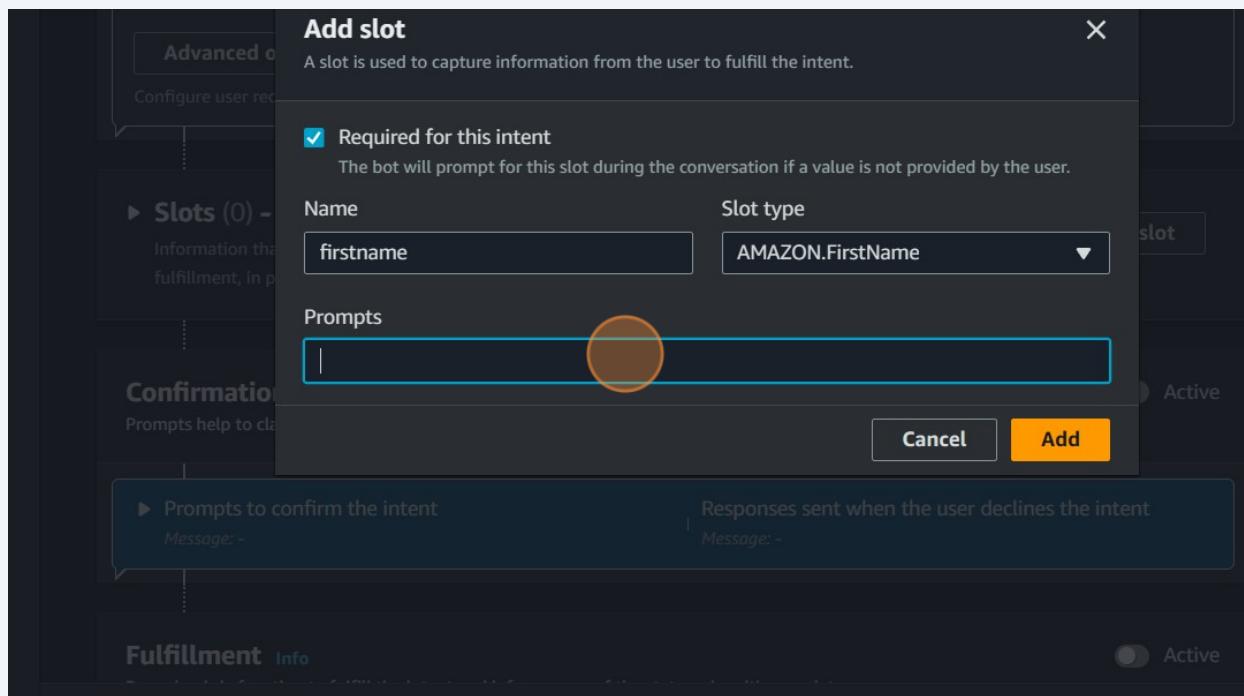
27 Click "Select slot type"



28 Click "AMAZON.FirstName"

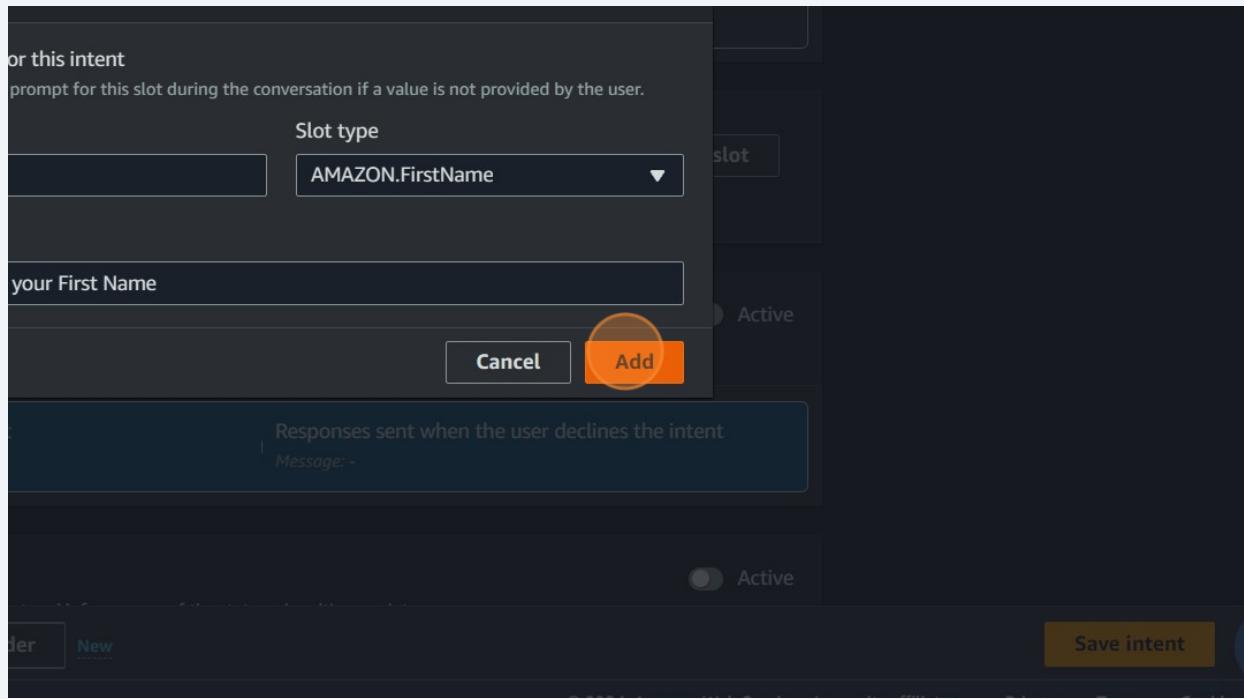


29 Click the "Prompts" field.

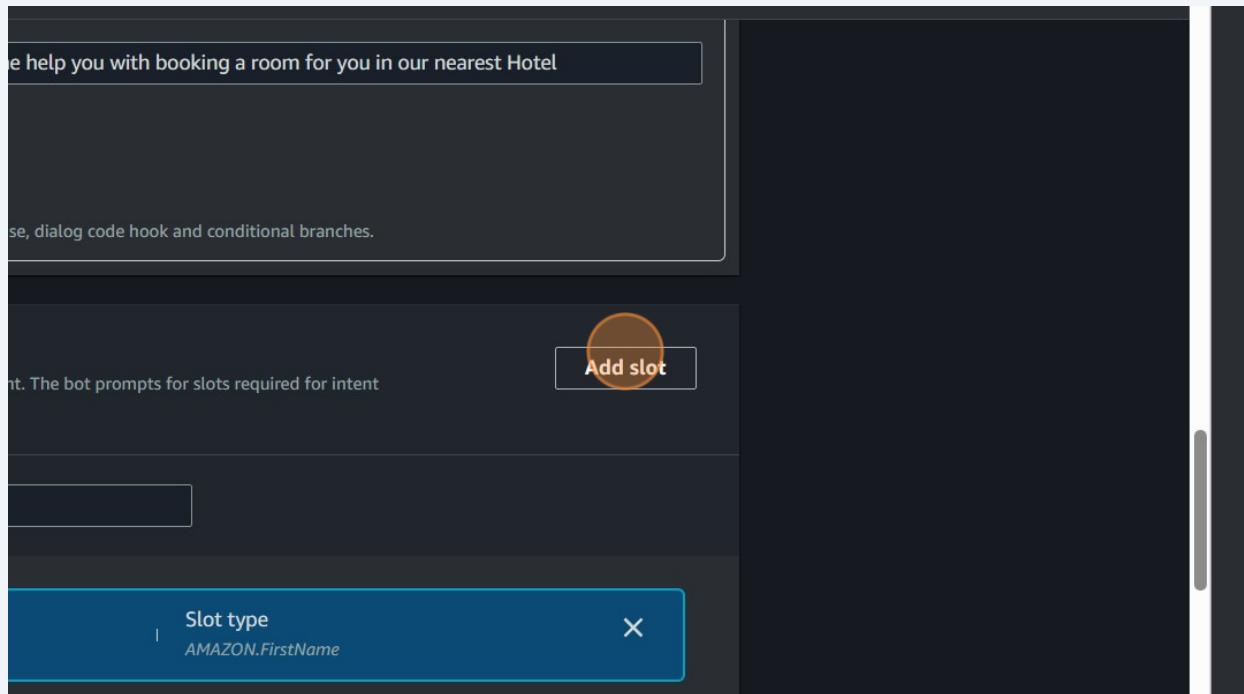


30 Type " Please share your First Name"

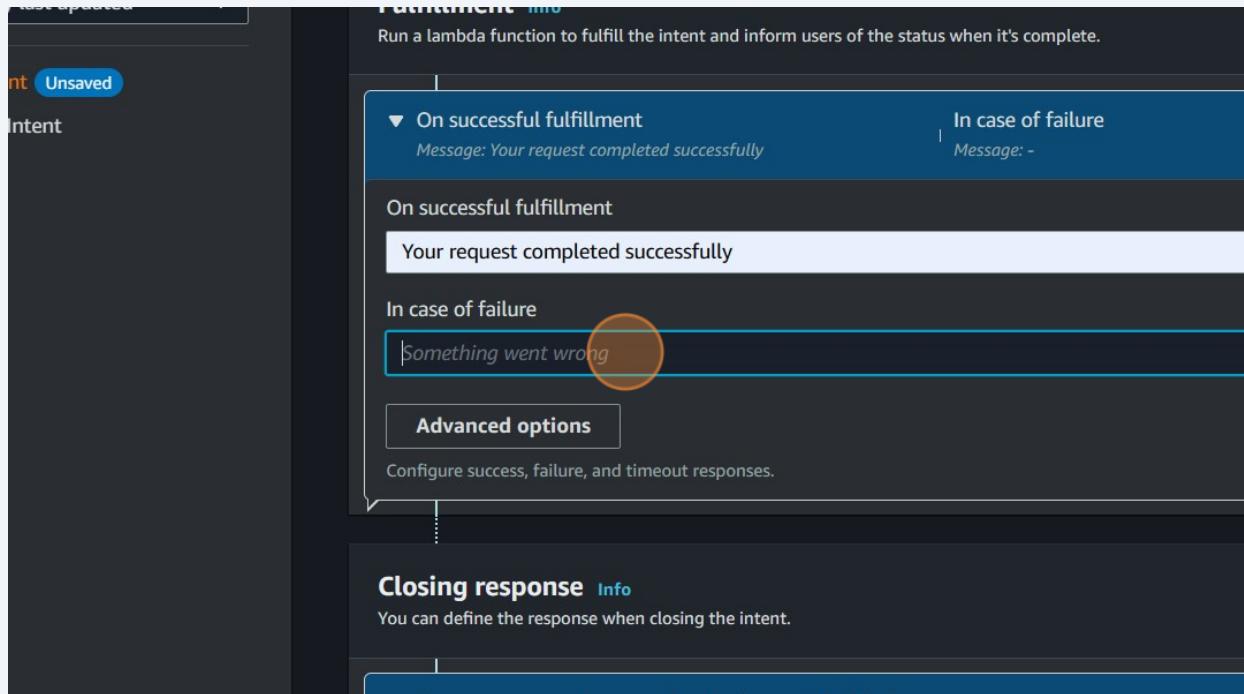
31 Click "Add"

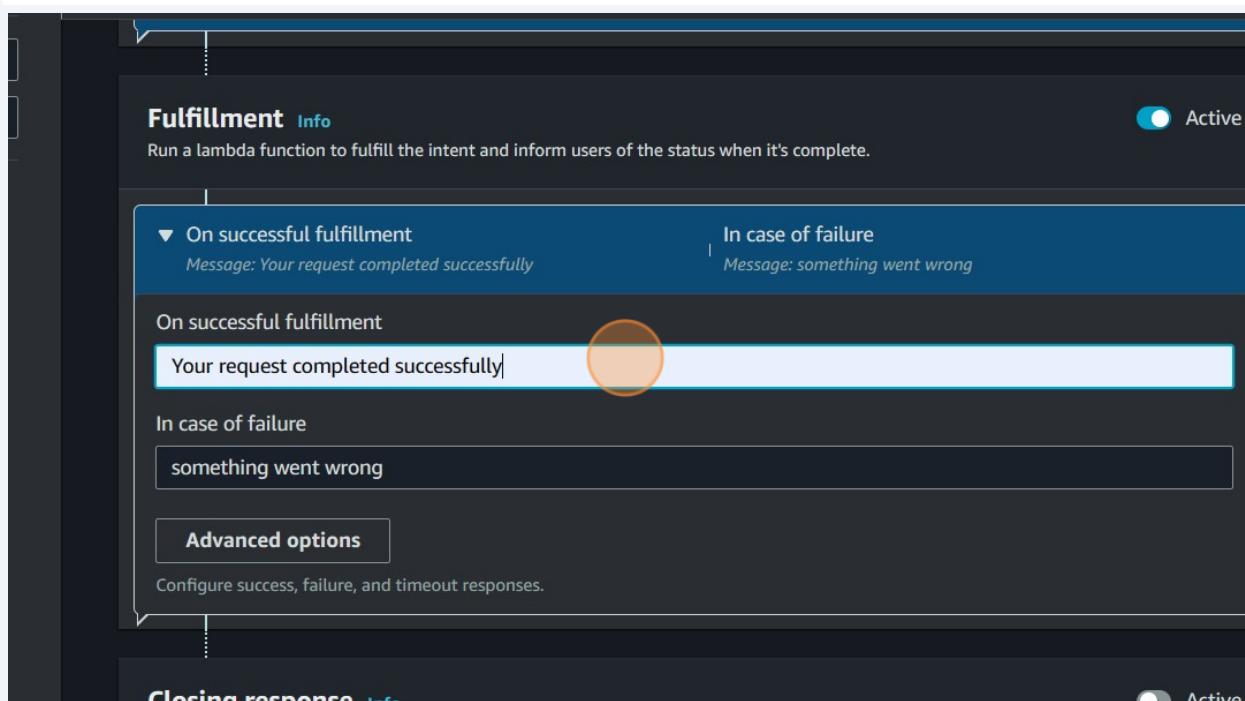


32 Repeat the process to add different prompt by using "Add slot"

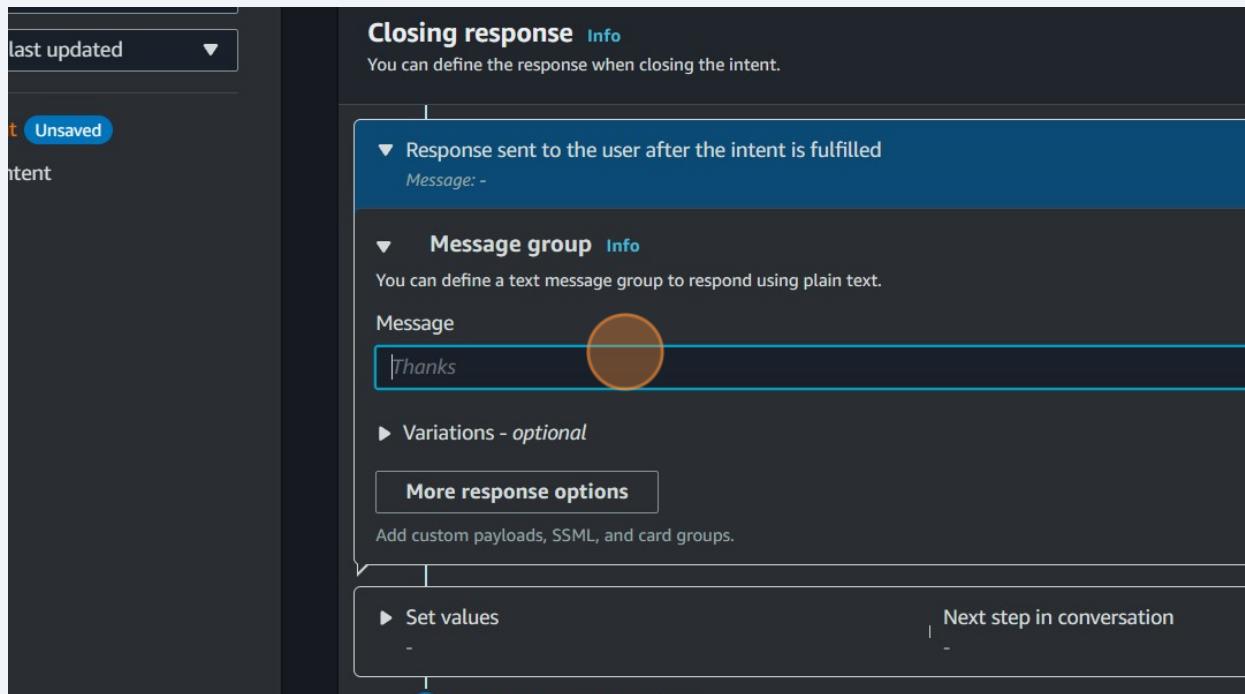


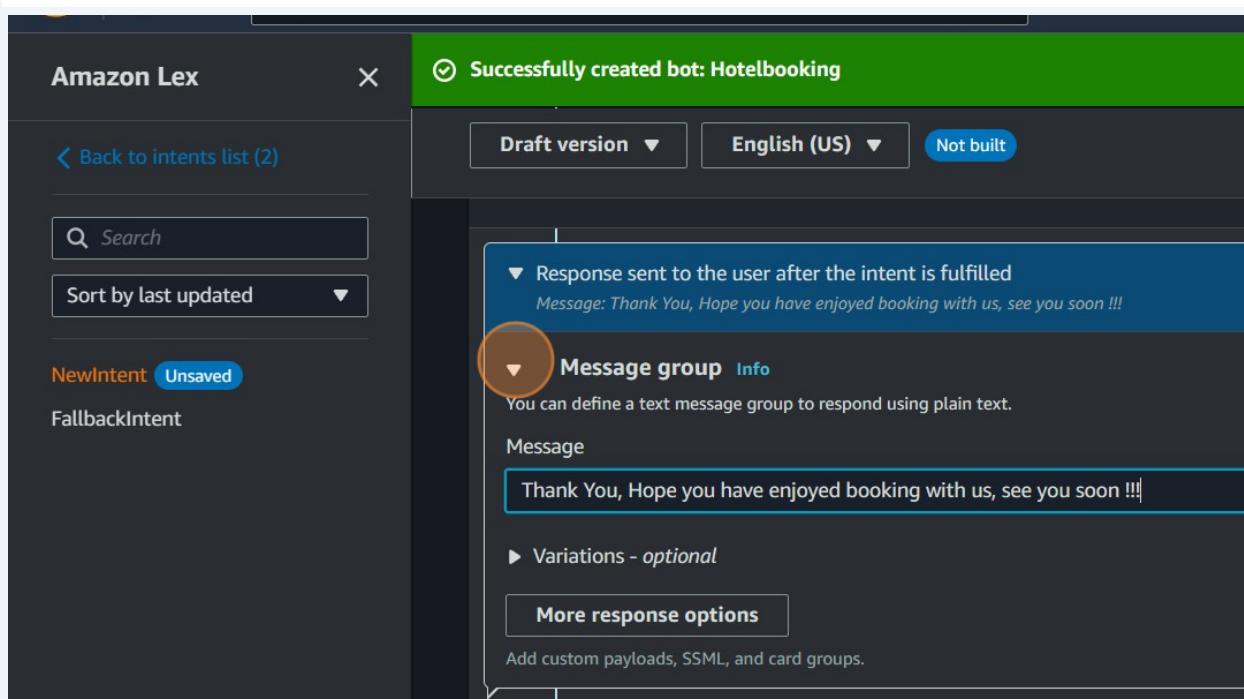
33 Click the "In case of failure" field. add your failure prompt
Click the "On successful fulfillment" field.



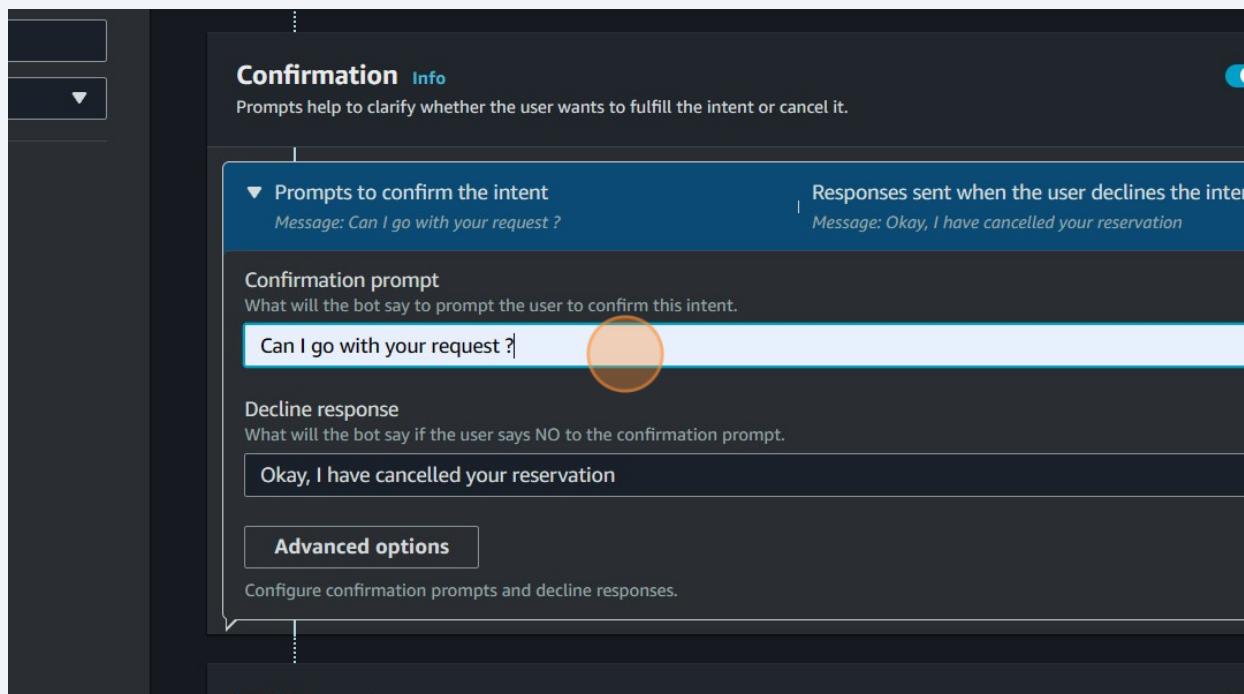


- 34 Click the "Message" field and add your closing response [final response]

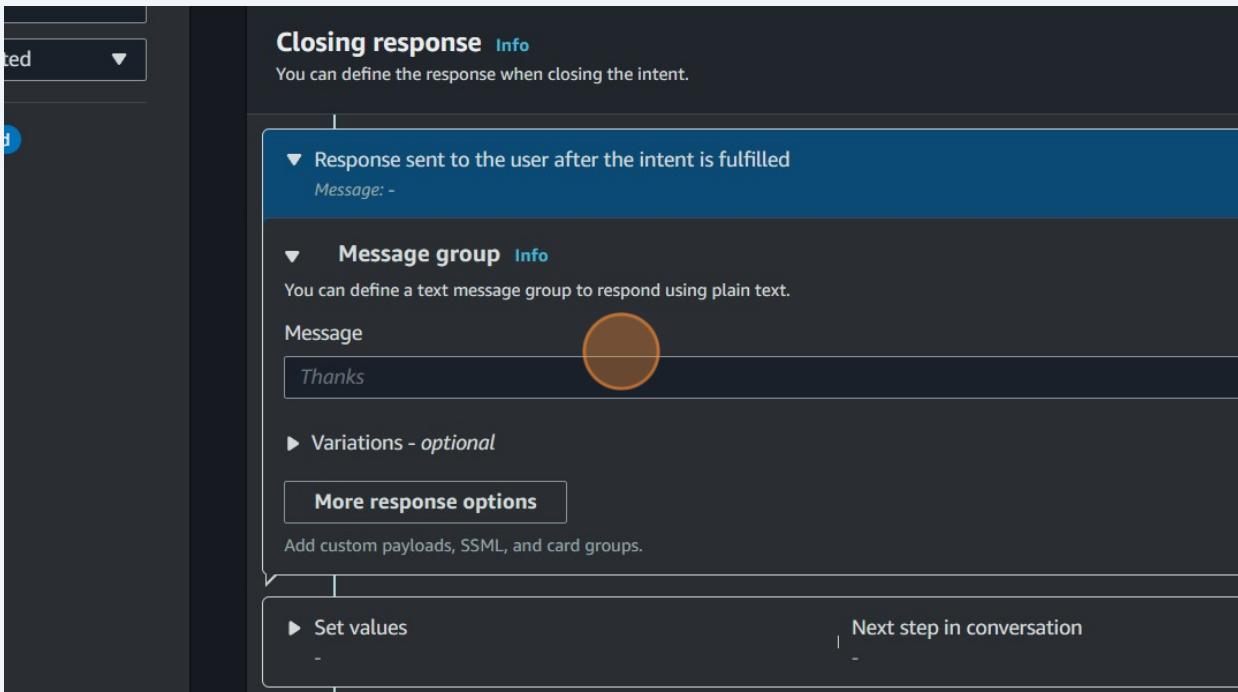




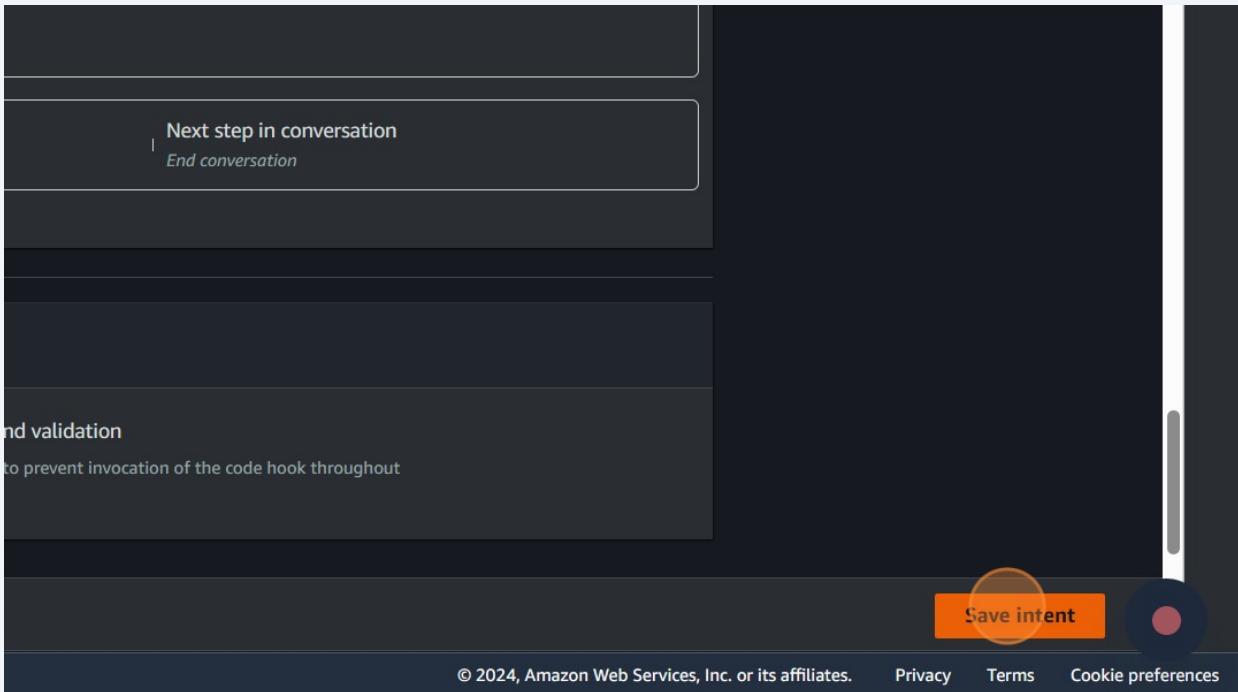
- 35 Click the "Confirmation prompt" field, and add your confirmation prompt



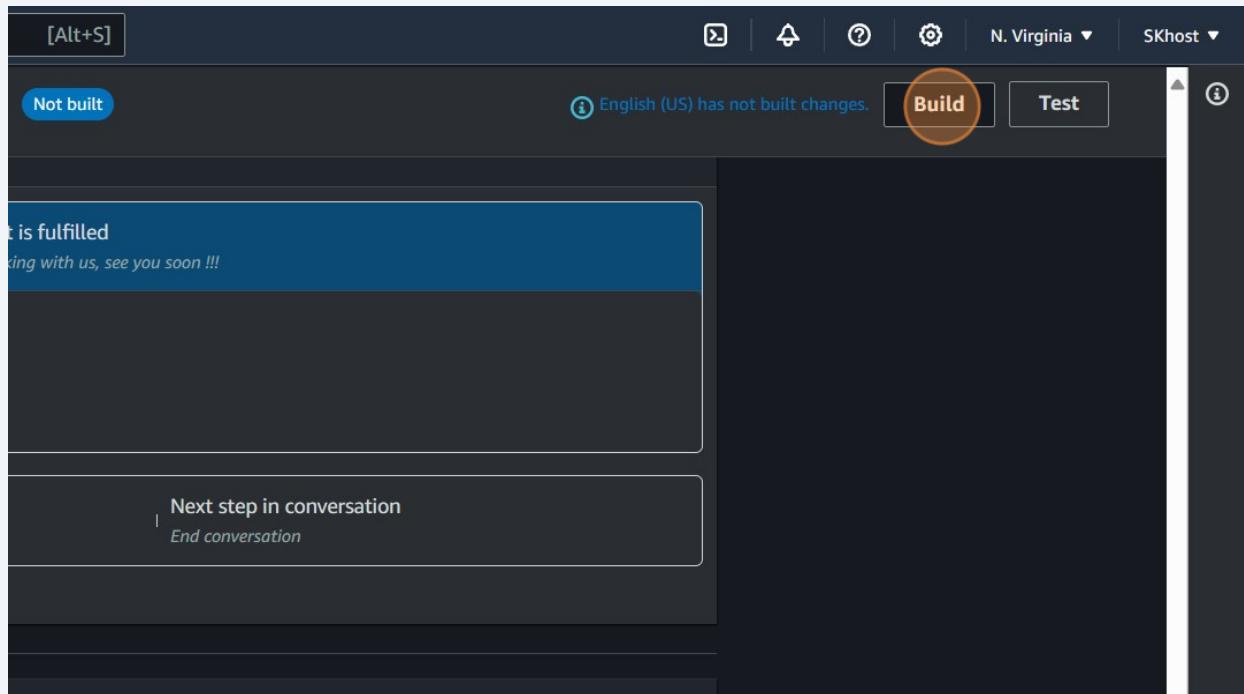
36 Click the "Closing response" field.



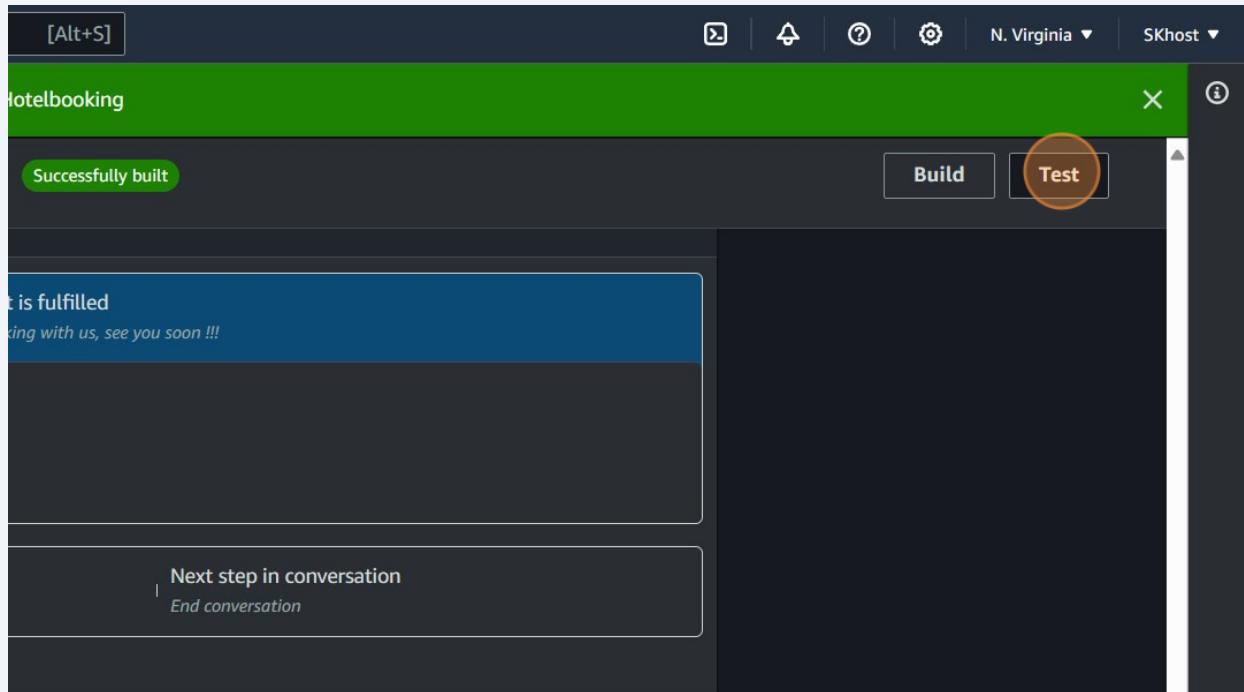
37 Click "Save intent"



38 Click "Build"



39 Click "Test"



40 Click the "Ready for complete testing" field.

The screenshot shows the AWS Lambda Test interface. On the left, there's a sidebar with sections like 'Message group', 'Response options', 'Custom payloads', 'Conditional branching', and 'Code hooks - optional'. On the right, the main area is titled 'Test Draft version' with a status bar indicating 'Last build submitted: Now'. Below this is an 'Inspect' button. At the bottom right is a large input field labeled 'Type a message' with a red circle highlighting the 'Ready for complete testing' checkbox next to it. The bottom navigation bar includes tabs for 'Editor', 'Visual builder', and 'New', along with links for 'Save intent', 'Privacy', 'Terms', and 'Cookie preferences'.

41 Testing the chatbot

The screenshot shows the AWS Lambda Test interface. On the left, there's a sidebar with sections like 'Message: check in date', 'Prompt for slot: checkintime', 'Prompt for slot: checkoutdate', 'Confirmation', 'Prompts to confirm the intent', and 'Intent'. On the right, the main area is titled 'Test Draft version' with a status bar indicating 'Last build submitted: 1 minute ago'. Below this is an 'Inspect' button. A conversation log shows a user message 'Hi' and a bot response 'Hi, Welcome to Greenland service, let me help you with booking a room for you in our nearest Hotel'. Below this is another user message 'Please share your First Name'. At the bottom right is a large input field labeled 'Type a message' with a red circle highlighting the 'Ready for complete testing' checkbox next to it. The bottom navigation bar includes tabs for 'Editor', 'Visual builder', and 'New', along with links for 'Save intent', 'Privacy', 'Terms', and 'Cookie preferences'.

Message: check in date | AMAZON.Date

Prompt for slot: checkintime | Slot type AMAZON.Time

Prompt for slot: checkoutdate | Slot type

Information Info help to clarify whether the user wants to fulfill the intent or cancel it.

Attempts to confirm the intent | Responses sent when the user declines the intent Message: Okay, I have cancelled your reservation

Comment Info Lambda function to fulfill the intent and inform users of the status when it's complete.

successful fulfillment | In case of failure Message: something went wrong

Editor Visual builder New

Test Draft version Last build submitted: 2 minutes ago

Kuruvilla

check in date

29 march 2024

Check in time

Ready for complete testing

Type a message

Save intent

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

[Alt+S]

built language English (US) in bot: Hotelbooking

version ▾ English (US) ▾ Successfully built

Prompt for slot: checkin | Slot type AMAZON.Date

Prompt for slot: checkintime | Slot type AMAZON.Time

Prompt for slot: checkoutdate | Slot type

Information Info help to clarify whether the user wants to fulfill the intent or cancel it.

Attempts to confirm the intent | Responses sent when the user declines the intent Message: Okay, I have cancelled your reservation

Comment Info Lambda function to fulfill the intent and inform users of the status when it's complete.

Test Draft version Last build submitted: 3 minutes ago

march 30 2024

check out time

afternoon 12

Number of guests

Build Test

The screenshot shows the AWS Lambda Test console interface. On the left, the Lambda function configuration is visible, including the function name, runtime, memory, and timeout settings. The 'Test' tab is selected, showing a successful test run with a status of 'Success'. The test log output is displayed, showing the execution logs and the final output message: 'Hello from Lambda!'. The 'Logs' tab is also present, showing detailed log entries. The bottom of the screen includes standard AWS navigation links for 'Save changes', 'Edit function', and 'View function'.

This screenshot is identical to the one above, showing the AWS Lambda Test console. The main difference is that the 'Ready for complete testing' status indicator at the bottom of the test log is highlighted with a large orange circle. This indicates that the Lambda function has completed its execution successfully and is ready for further testing or deployment.

