Agenda: Create lambda function used for Lex bot validation and fulfilment

# We need to do following:

- 1. Create a lambda function that can fulfil Lex responses
- 2. Create Lex chat bot

## **Reference docs:**

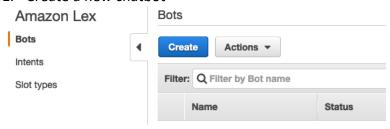
You can open these docs for further information

Create an Amazon Lex Bot (Console) - <a href="https://docs.aws.amazon.com/lex/latest/dg/gs-bp-create-bot.html">https://docs.aws.amazon.com/lex/latest/dg/gs-bp-create-bot.html</a>
Create a Lambda Function (Console) - <a href="https://docs.aws.amazon.com/lex/latest/dg/gs-bp-create-lambda-function.html">https://docs.aws.amazon.com/lex/latest/dg/gs-bp-create-lambda-function.html</a>

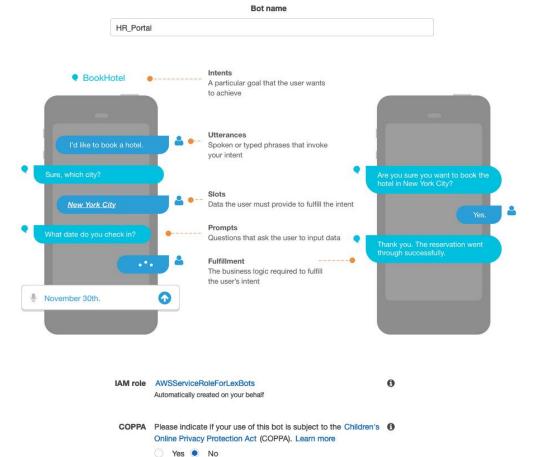
# Steps:

# Navigate to Lex

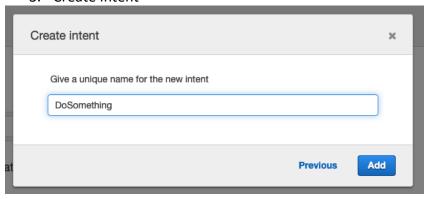
1. Create a new chatbot



2. Enter the bot name HR\_Portal



# 3. Create intent



- 4. Create
  - 1. Utterances
  - 2. Slots
  - 3. Fulfillment Lambda

DoSomething Latest ▼



- ▶ Lambda initialization and validation ❸
- Slots 

   O

   Slots 

   O

   Slots 

   O

   Slots 

   O

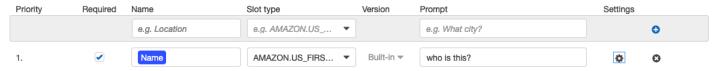
   Slots 

   Slots 

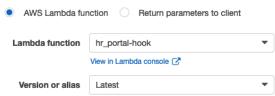
   O

   Slots 

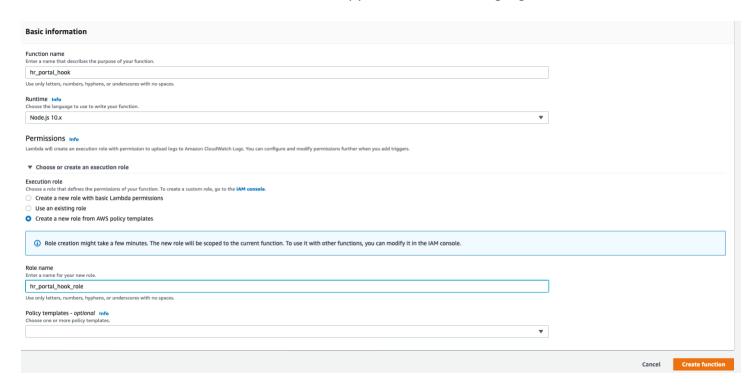
   Slots



- ▶ Confirmation prompt 6
- ▼ Fulfillment 6

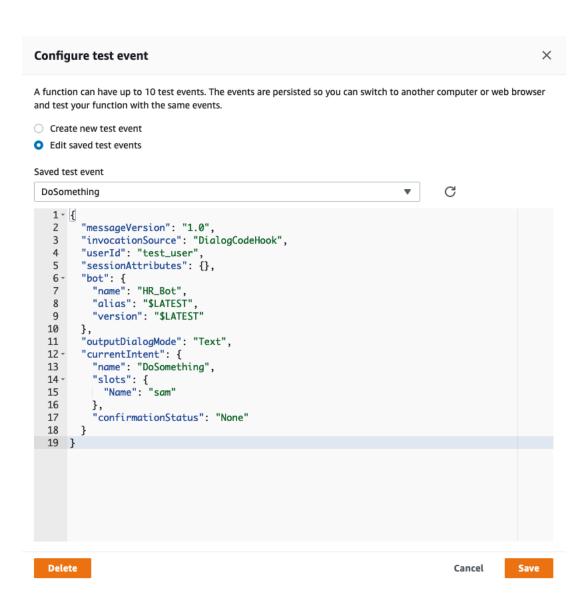


4. Create a new lambda function with 2.7 python as Runtime language and Create new role

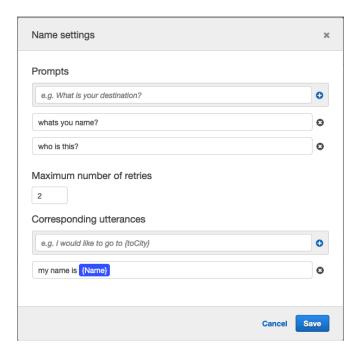


- 5. Copy code from Lab1.py in Lambda editor
- 6. Configure sample test event to test the code





Add more prompts and corresponding utterances to the slot, remember to BUILD again



Test your bot and ask me questions⊕

**Ref:** https://docs.aws.amazon.com/lex/latest/dg/lambda-input-response-format.html