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

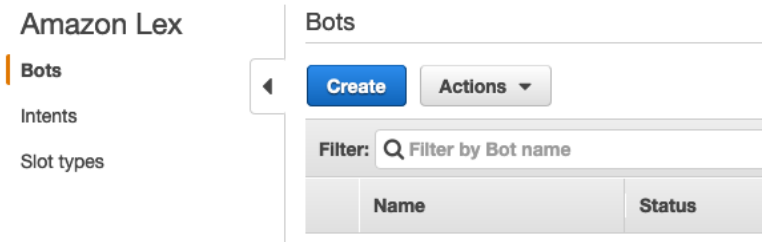
Create an Amazon Lex Bot (Console) - https://docs.aws.amazon.com/lex/latest/dg/gs-bp-create-bot.html

Create a Lambda Function (Console) - https://docs.aws.amazon.com/lex/latest/dg/gs-bp-create-lambda-function.html

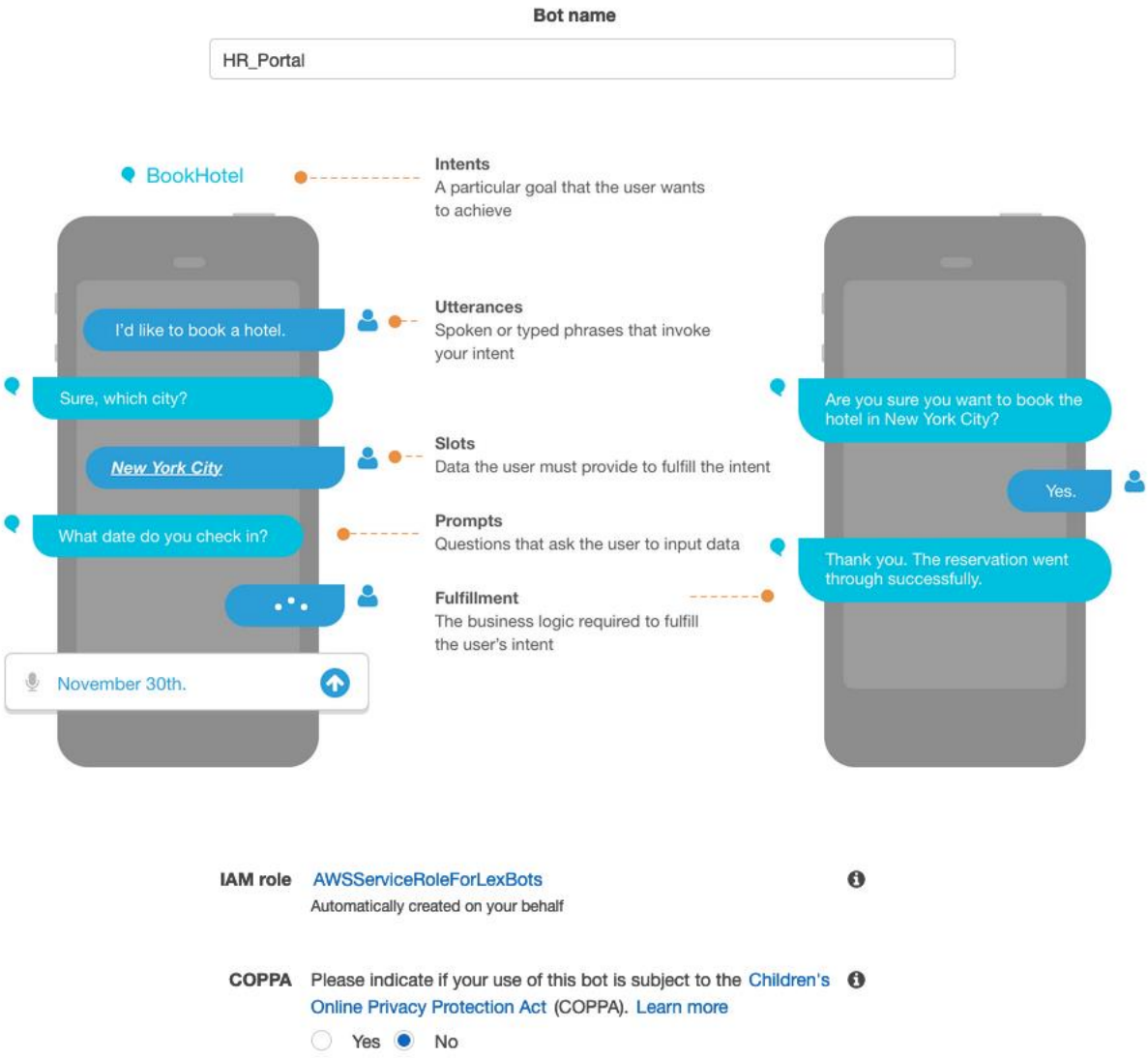
Steps:

Navigate to Lex

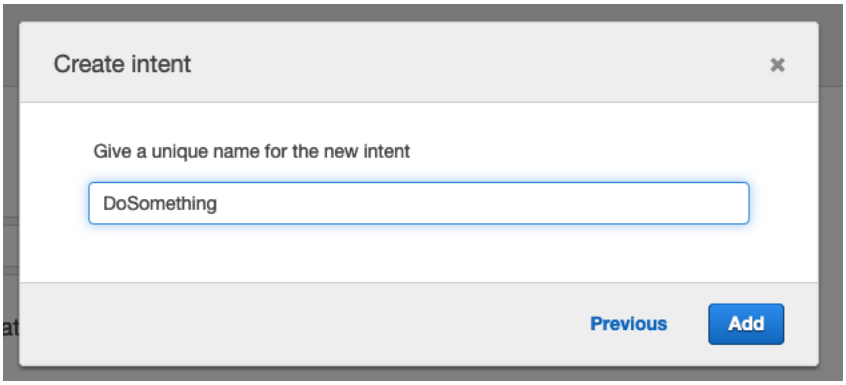
1. Create a new chatbot



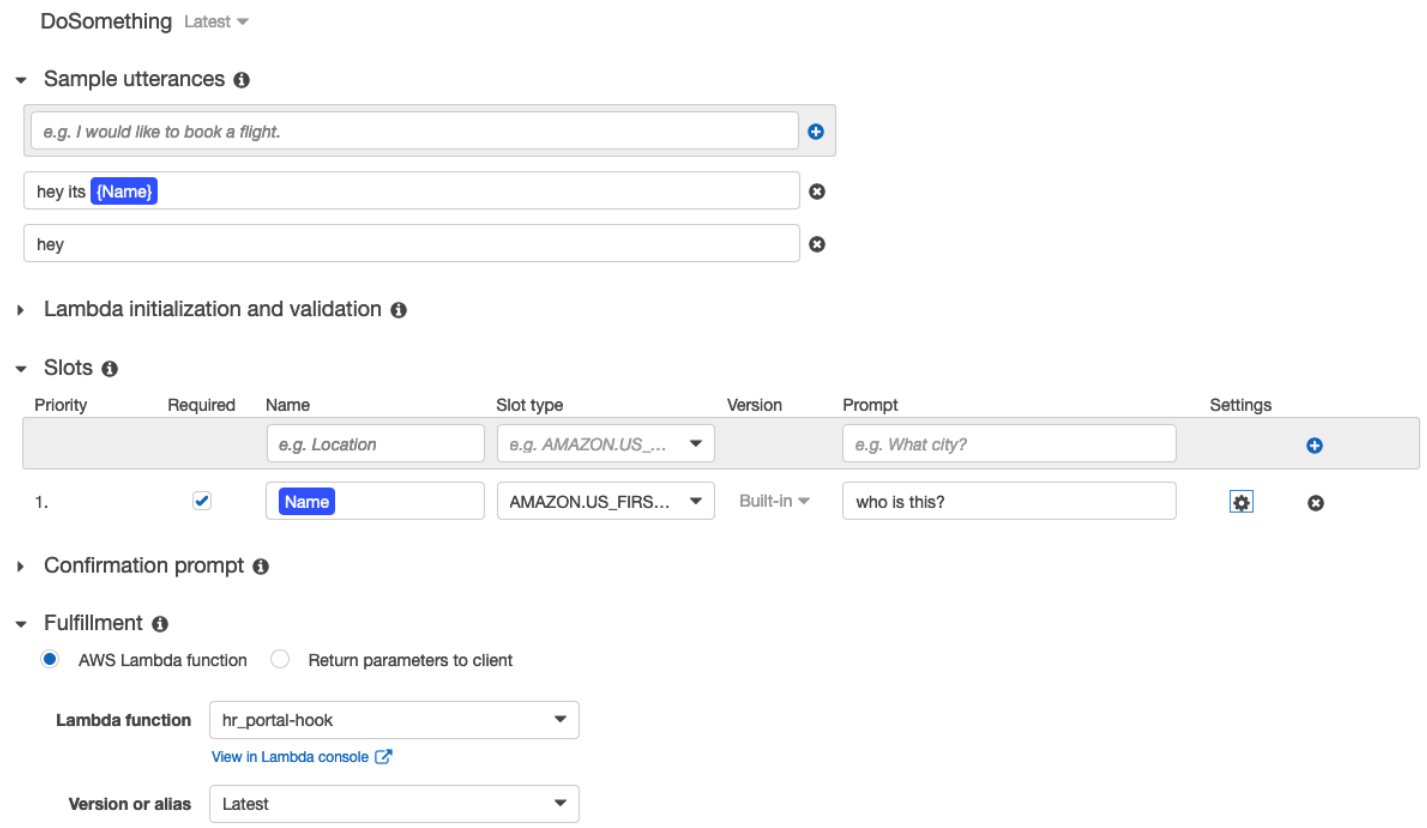
2. Enter the bot name HR_Portal



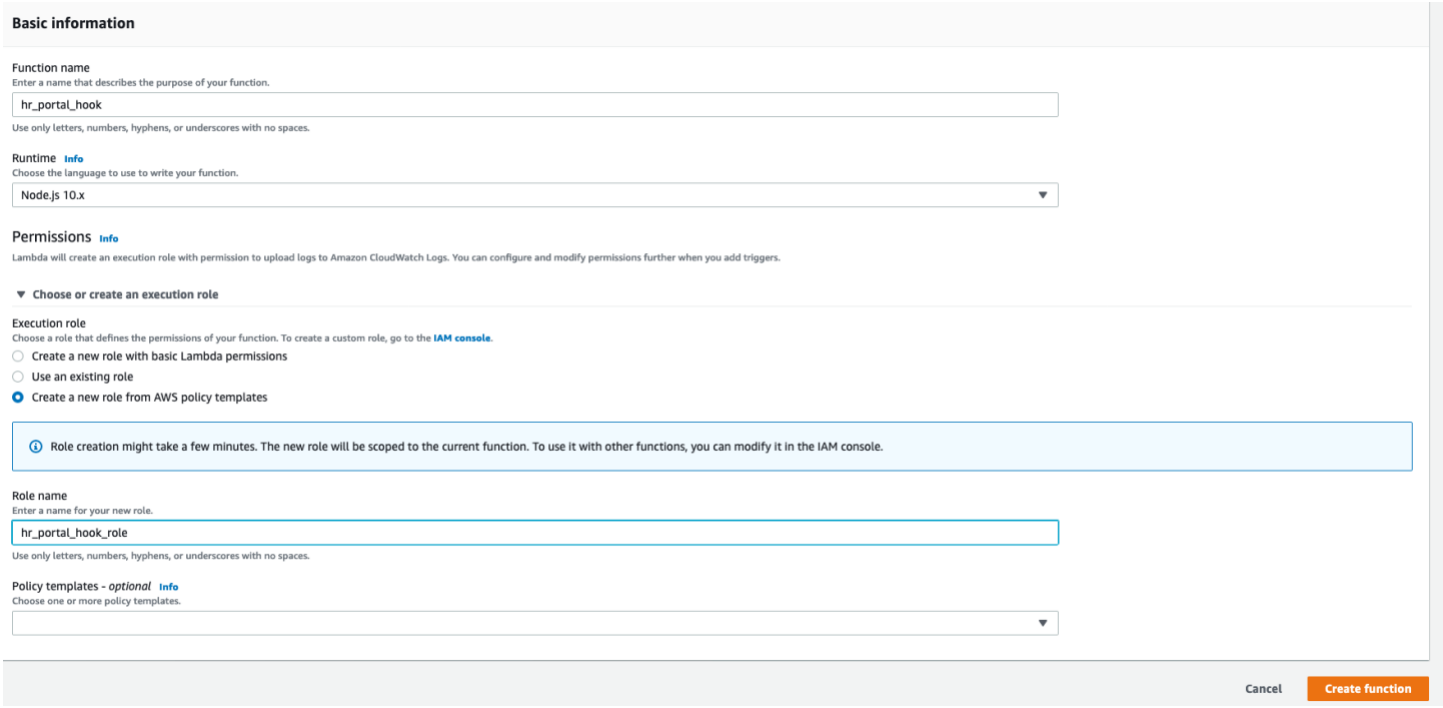
3. Create intent



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

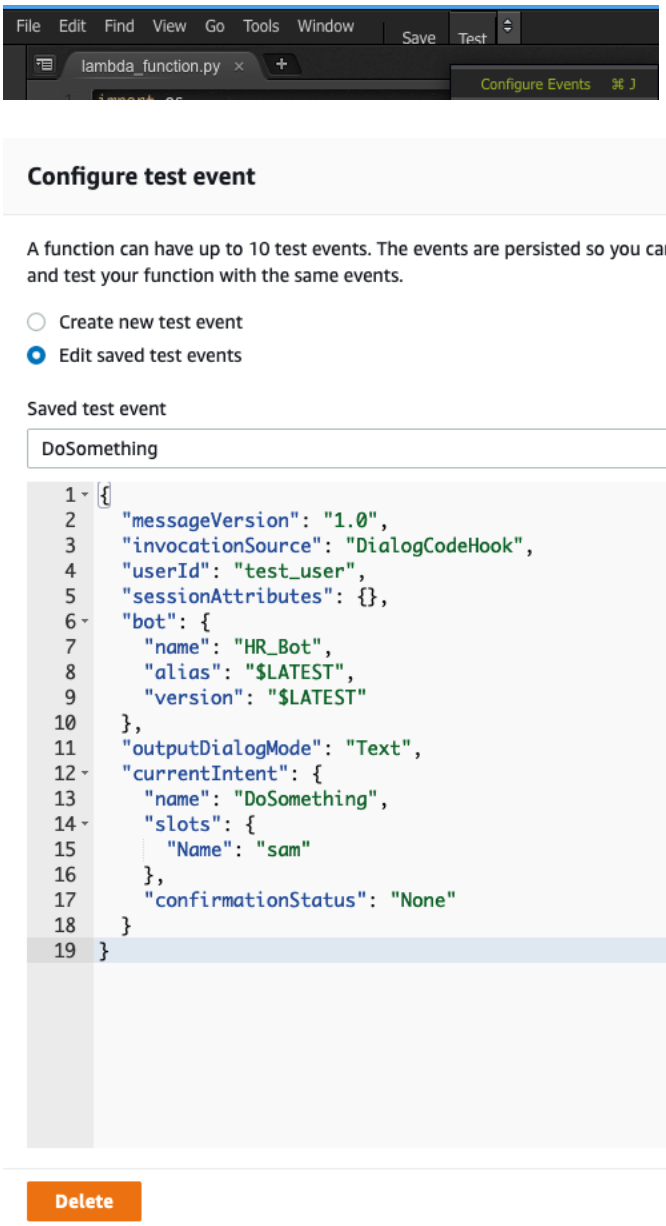


4. Create a new lambda function with 2.7 python as Runtime language and Create new role



5. Copy code from Lab1.py in Lambda editor

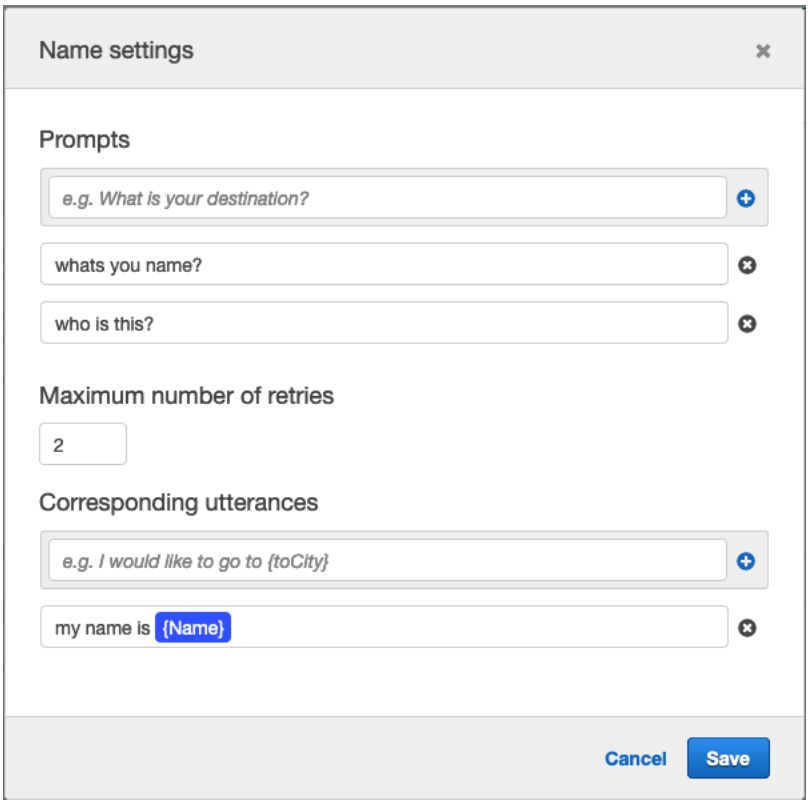
6. Configure sample test event to test the code



```
{
 "messageVersion": "1.0",
 "invocationSource": "DialogCodeHook",
 "userId": "test_user",
 "sessionAttributes": {},
 "bot": {
  "name": "HR_Bot",
  "alias": "$LATEST",
  "version": "$LATEST"
 },
 "outputDialogMode": "Text",
 "currentIntent": {
  "name": "DoSomething",
  "slots": {
   "Name": "Srinivas"
  },
```

```
    "confirmationStatus": "None"
  }
}
```

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