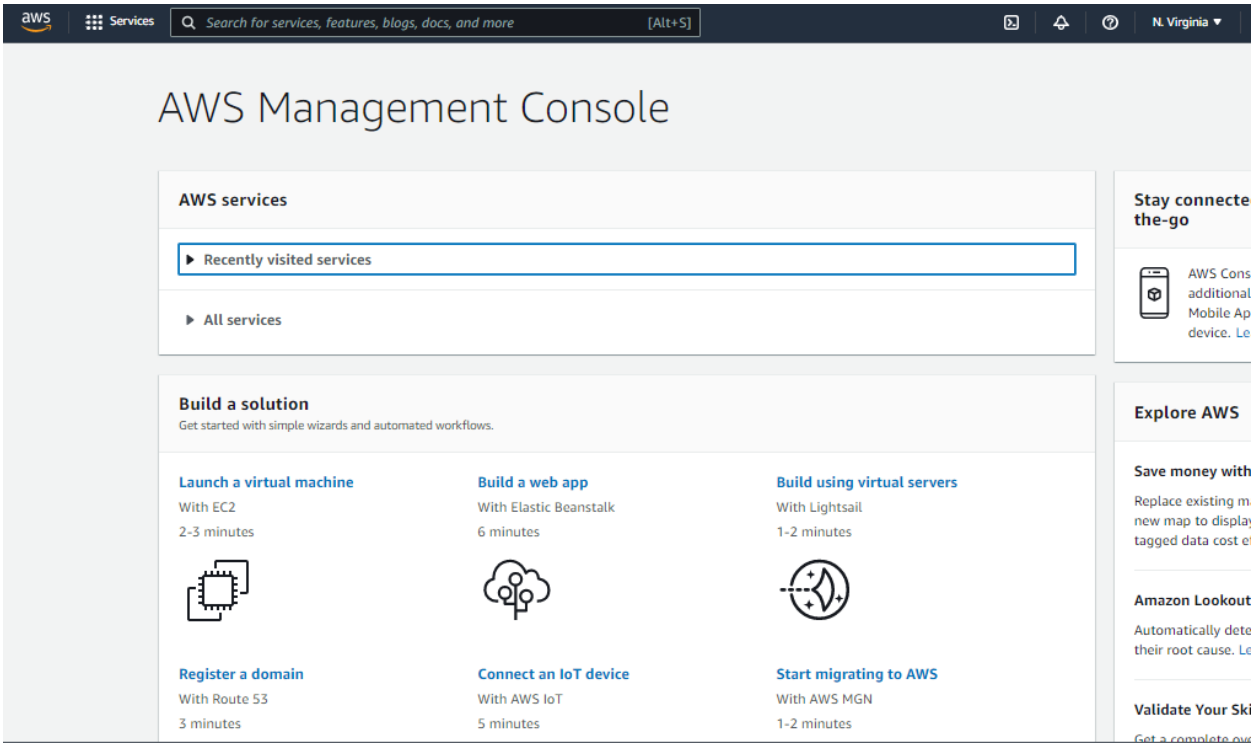
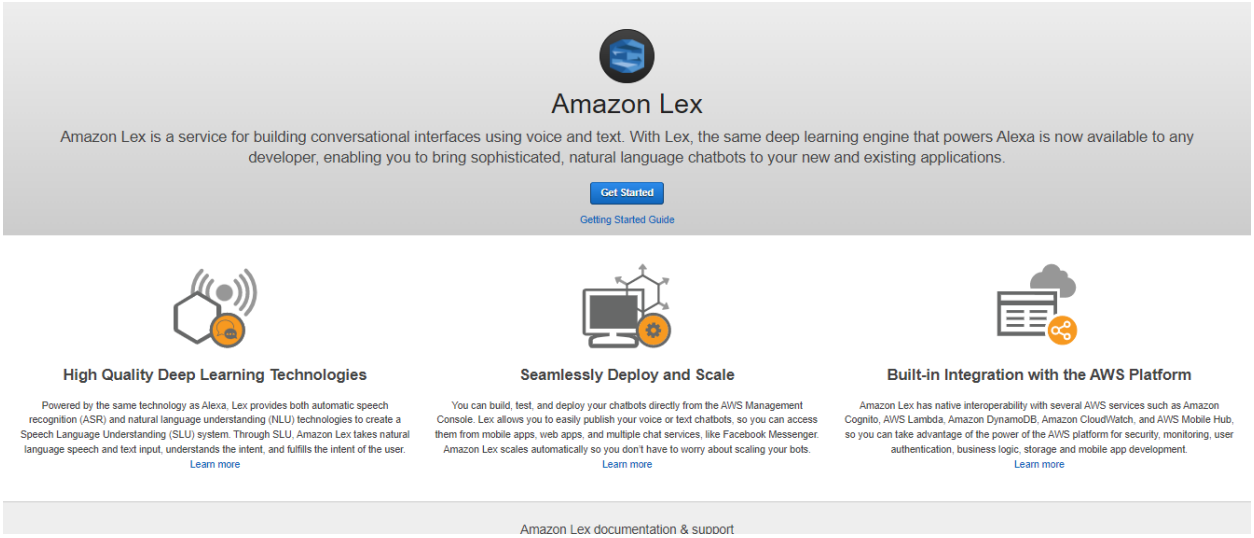
Amazon Lex documentation

Before you access to Amazon Lex, you should **have** or **sign up** AWS account and setup IAM user.

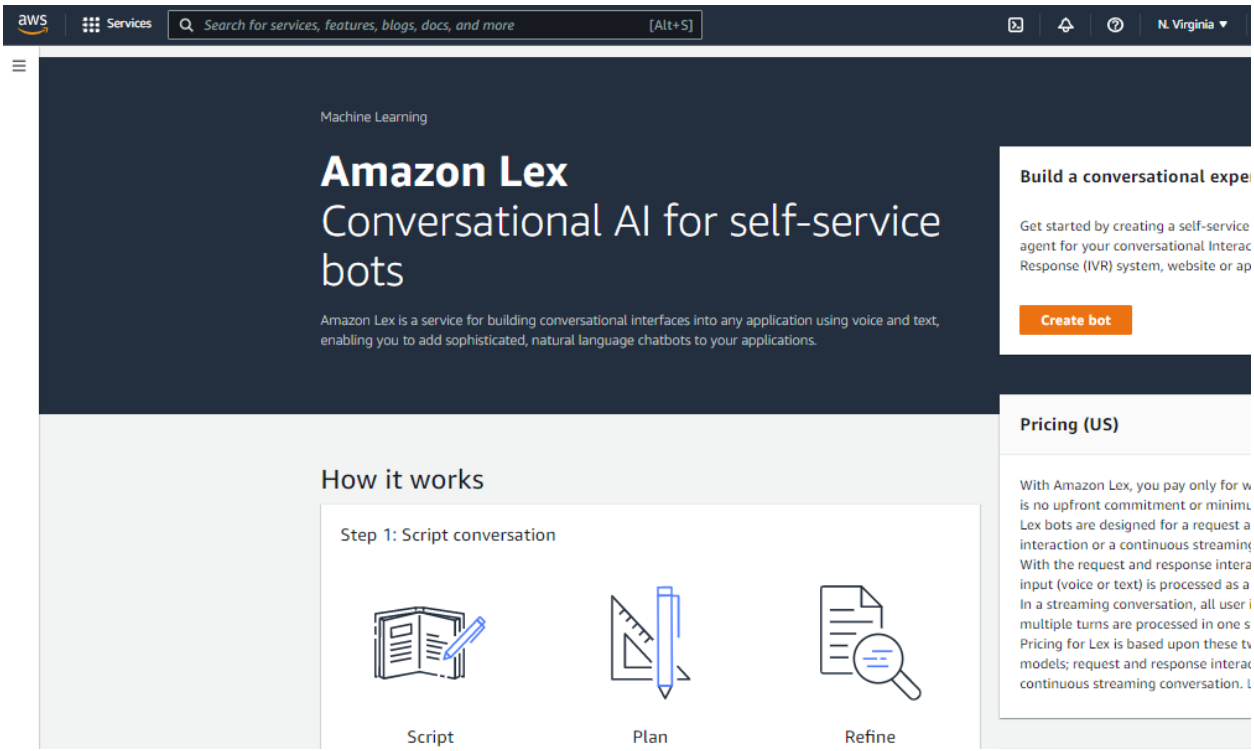
- Go to **AWS Management Console** and search for **Amazon Lex.**



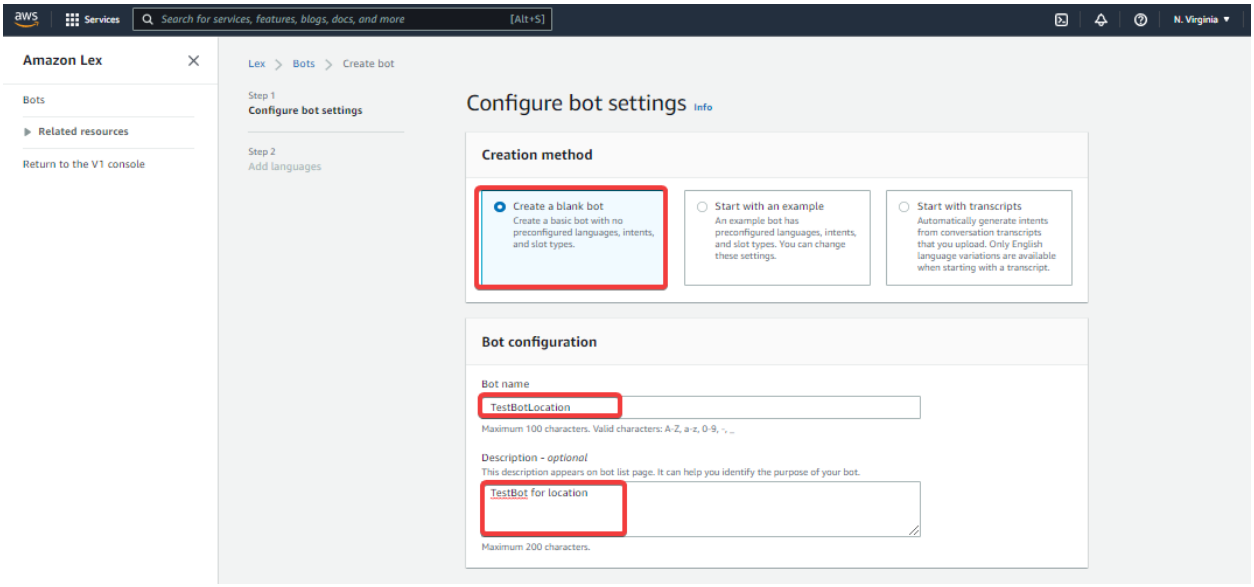
- **Amazon Lex** page will open and then click blue button as **Get started**.



- Click on **Create bot** button on right corner of the page as given below.

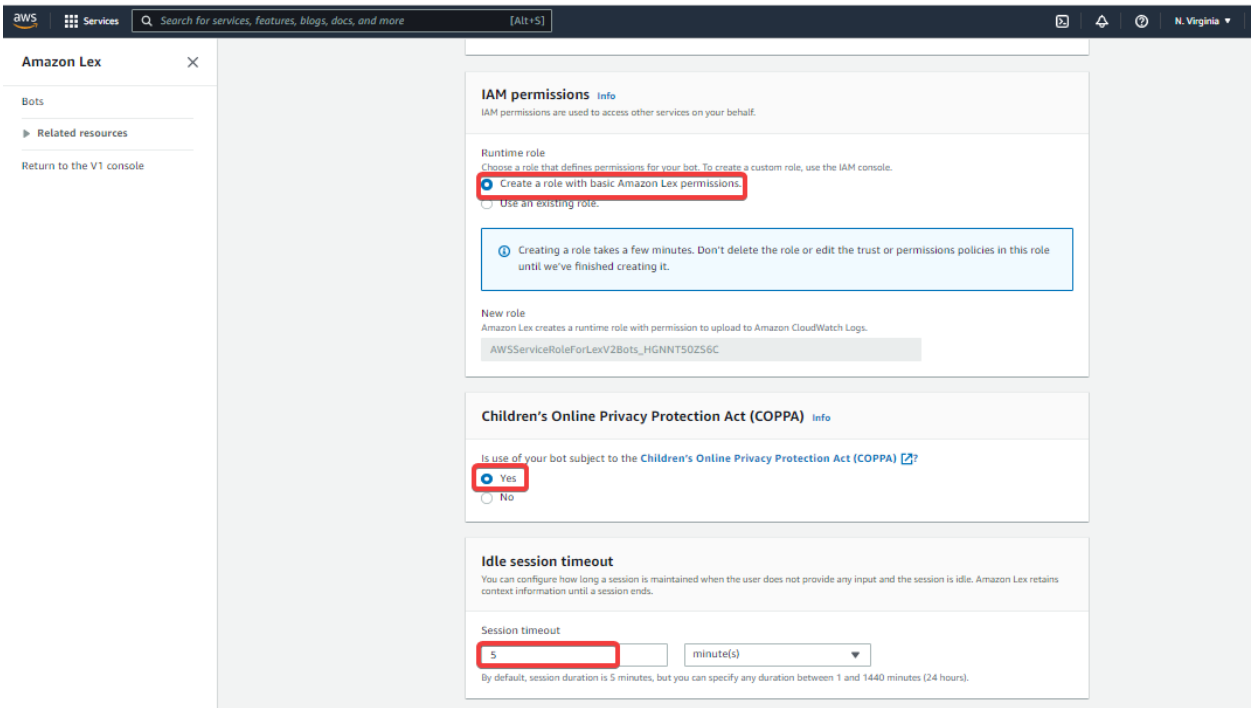


- Amazon Lex configure bot setting page opens as mentioned below.
- Select **Create a blank bot** among three options on creation method.
- Next, Give Bot name and Description as you like such as TestBotLocation.

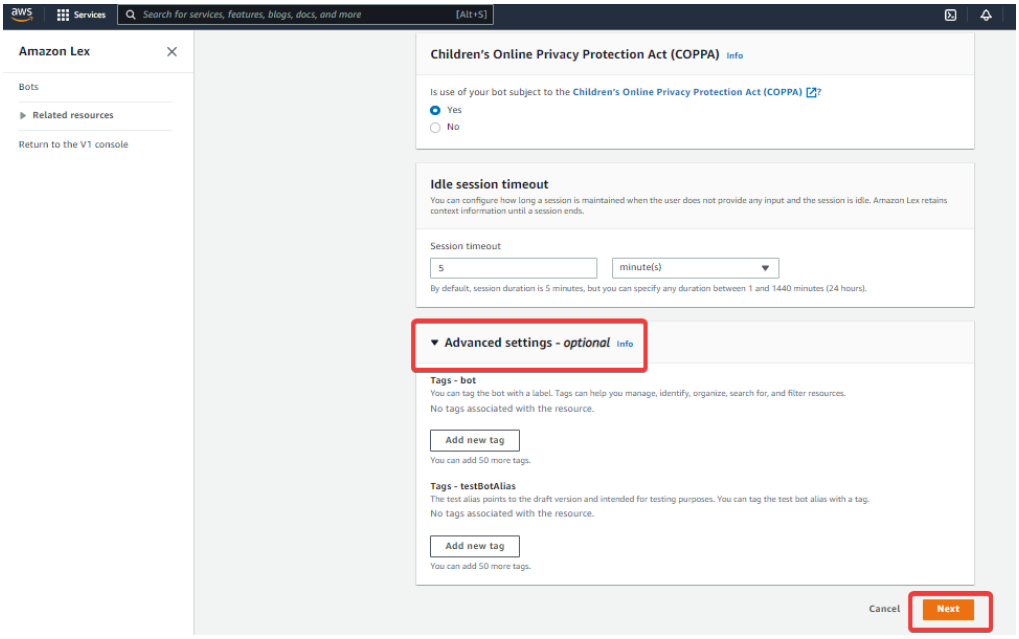


On the same page you will see IAM **Permissions,** choose **Create a role with basic Amazon Lex permissions on its** Runtime role**.**

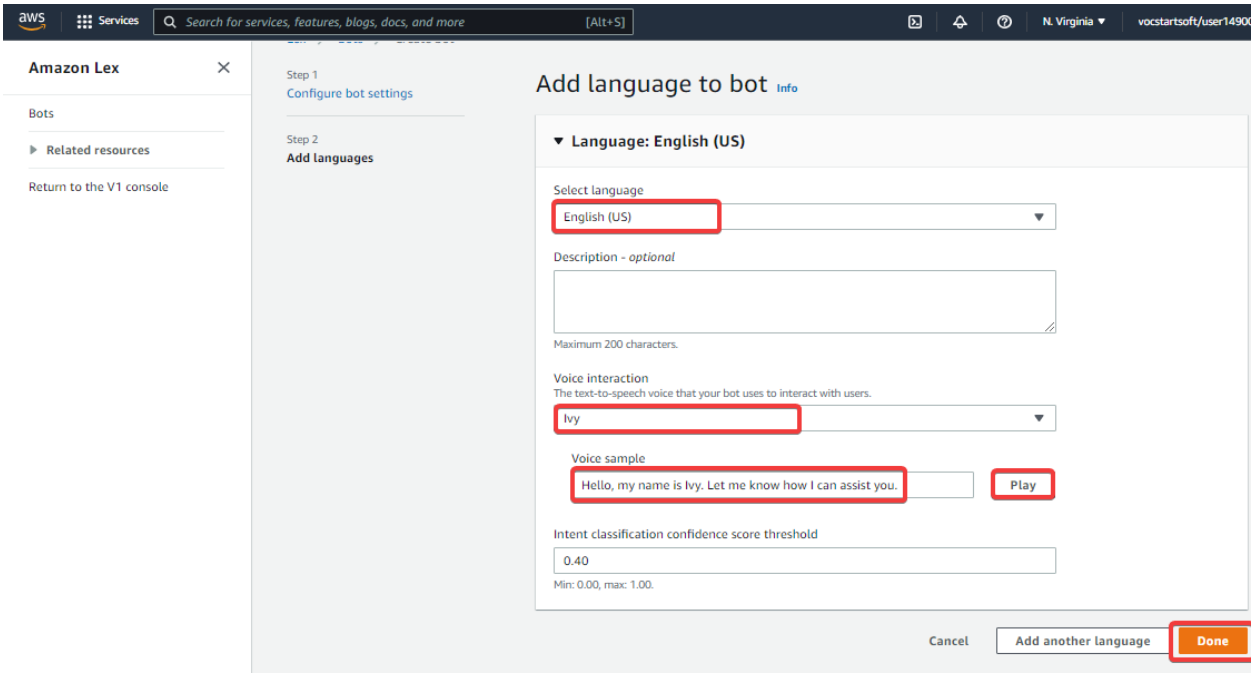
- After that, Select Yes for COPPA.
- Input **session timeout like** 5 minutes.



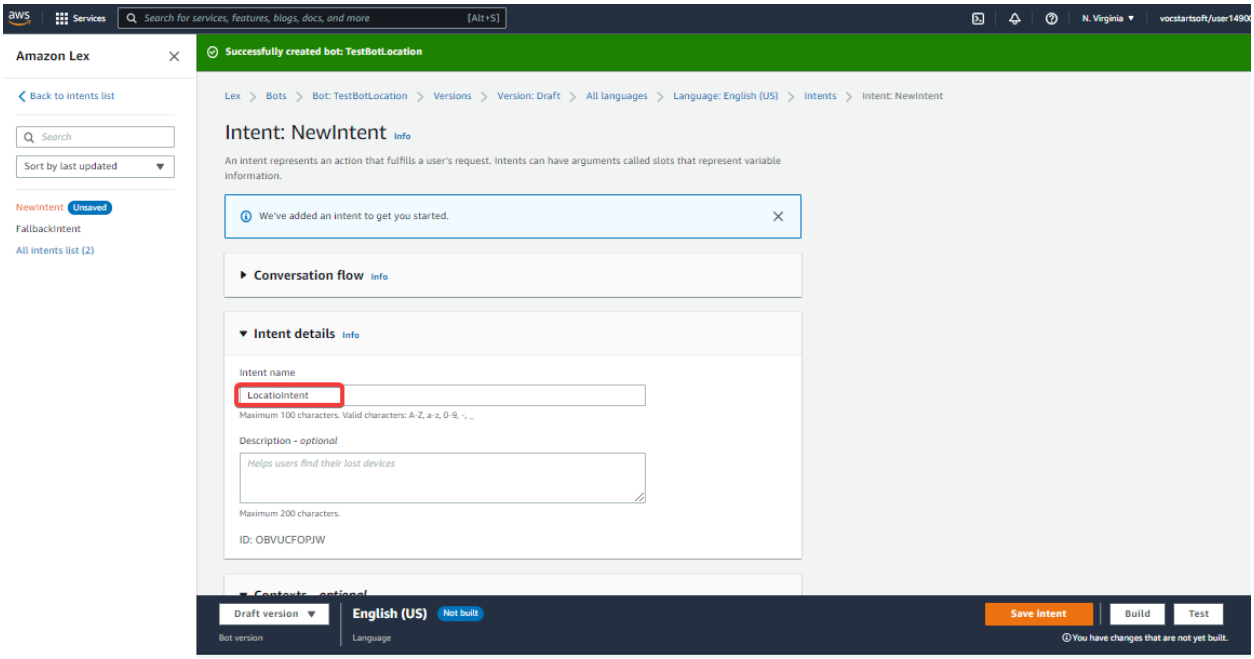
- Keep **Advanced setting** default. Finally, Click **Next**.



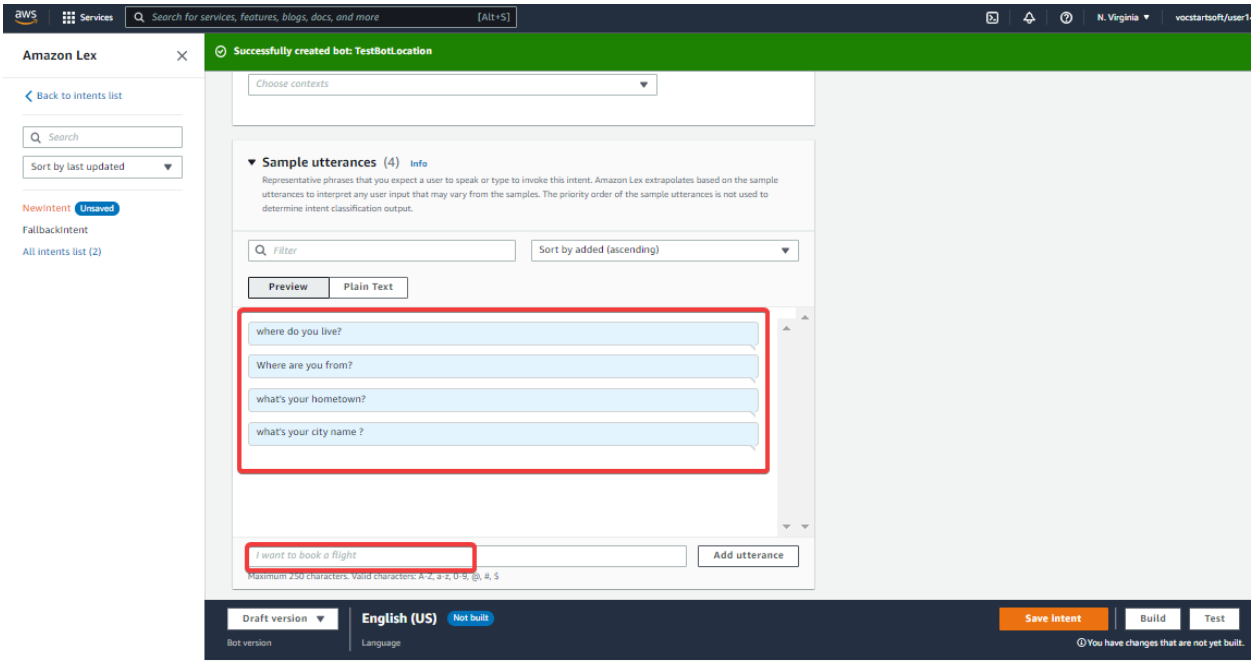
- You can **select language** here we have chosen English (US). Also, you can choose synthesis voice on **Voice interaction.** Further, Input **Voice sample** and **Play**.
- Click on **Done**.



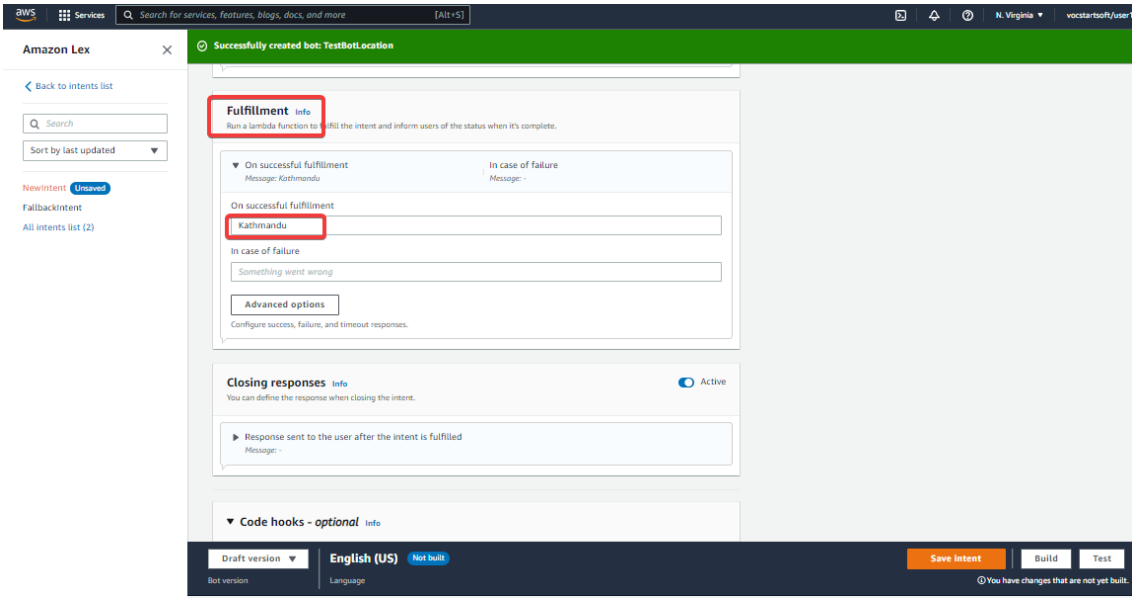
Then, **Intent: NewIntent** page will open. Give intent name as **Locationintent.**

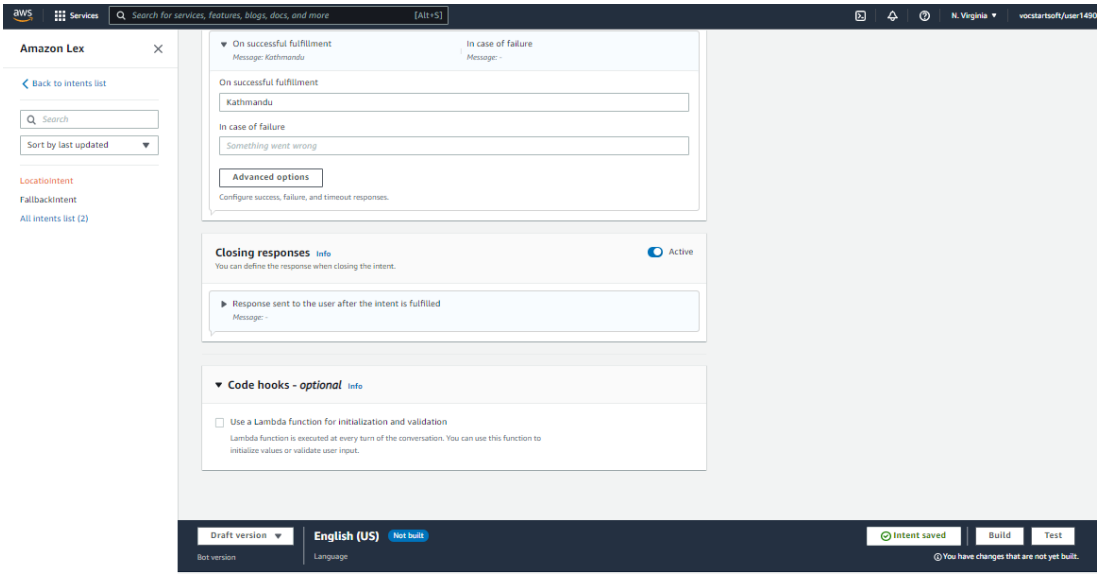


- **Add utterance** on the sample utterance. Here, we have asked multiple questions about the location.

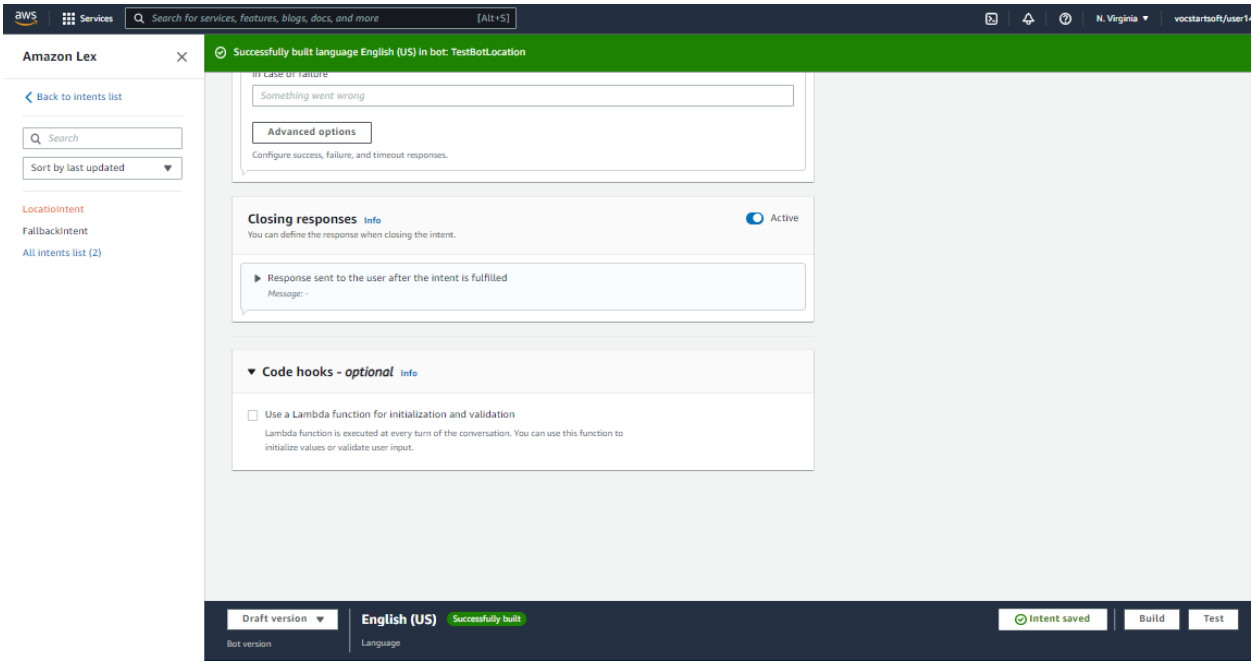


- On the **Fulfillment** option. Give answer the sample questions **on successful fulfilment.**
- Click **Save Intent.**

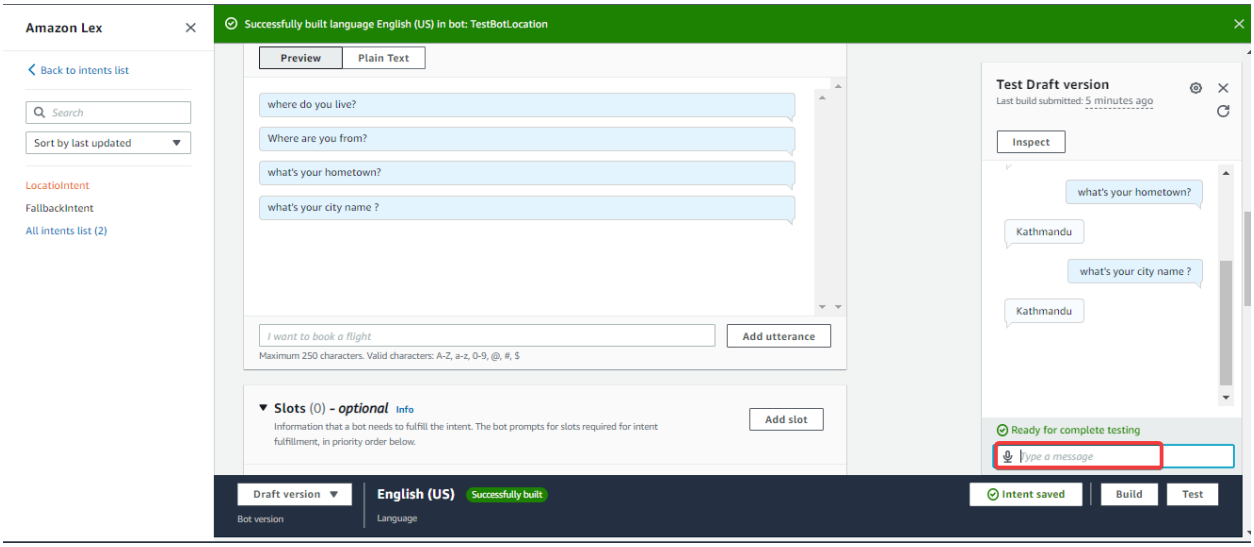




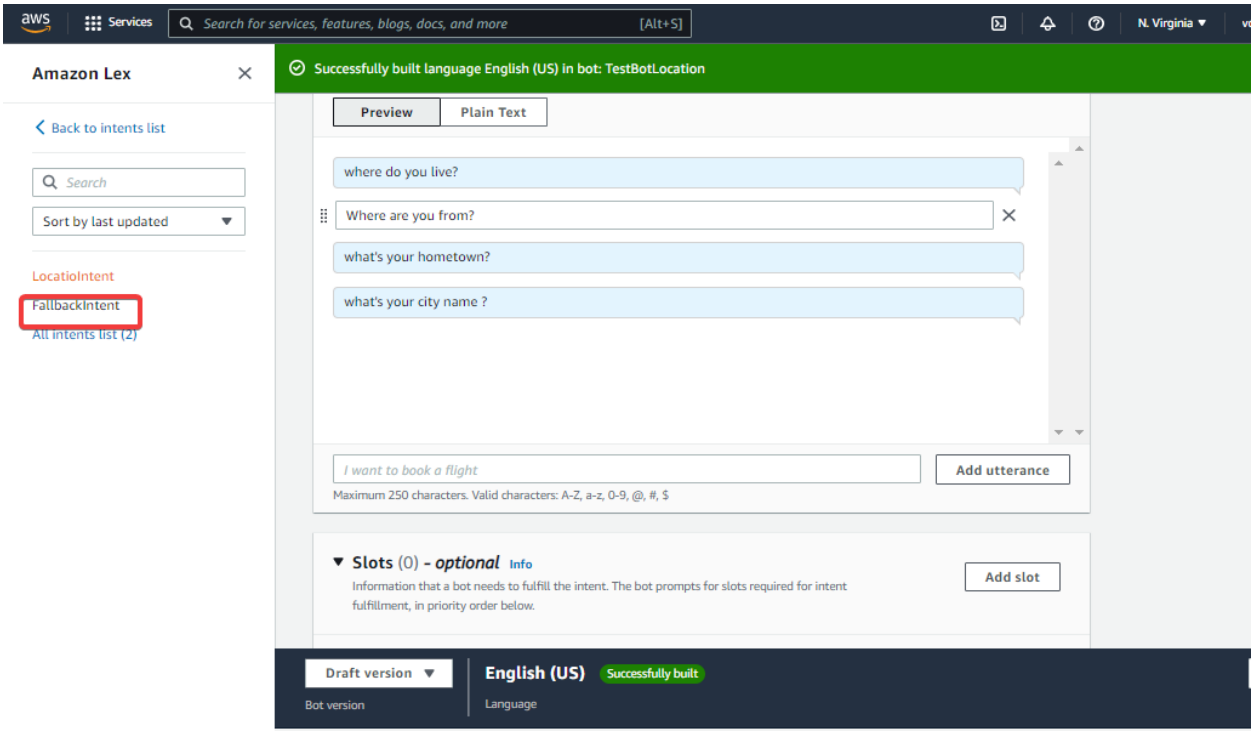
- Then, click on **Build.** It may take time. You will see **successfully built language** on top of the screen as given below.



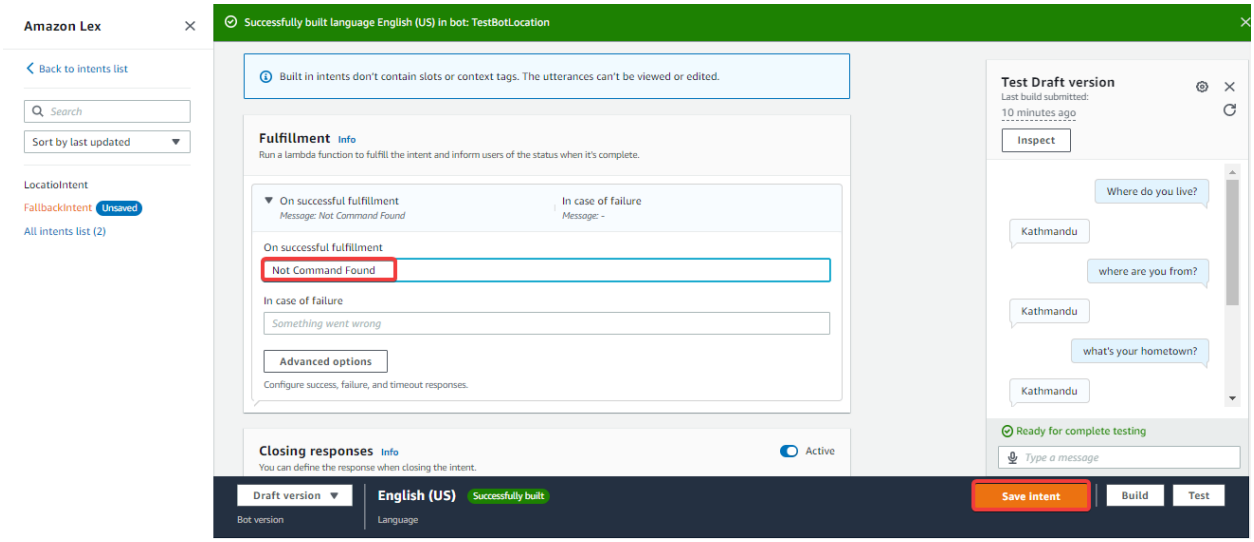
- Click on **Test** to check our output. Now, you can ask the question we input and bot will response as mention below.

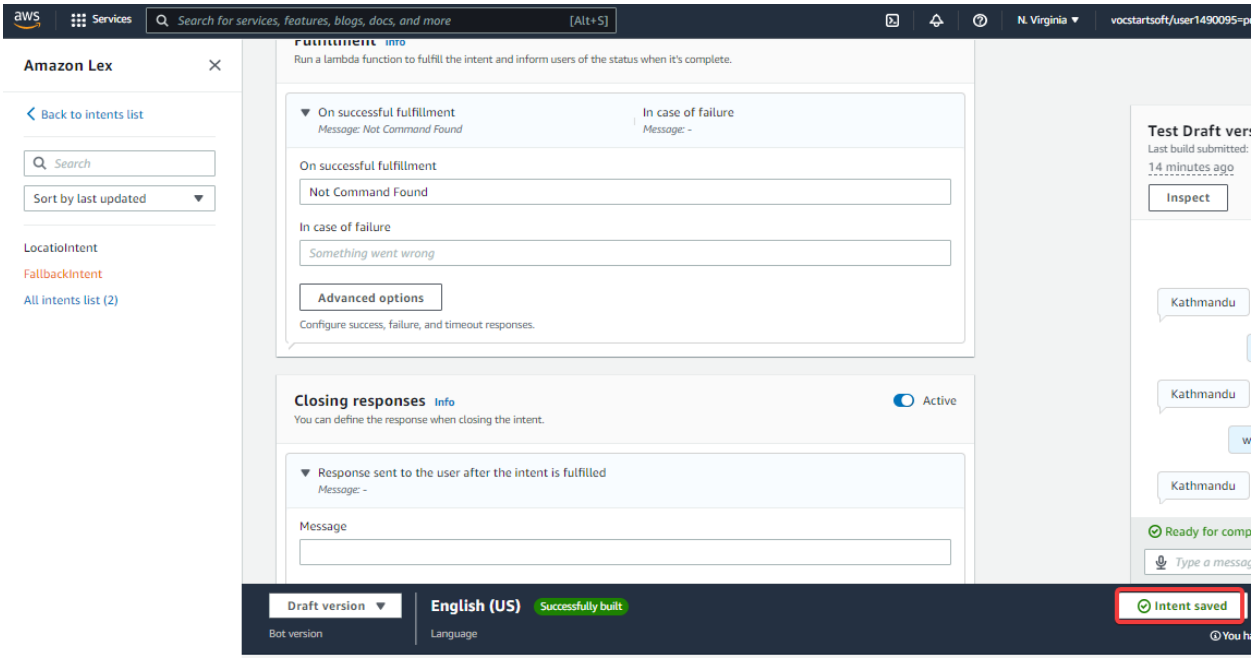


For not given command, Click on Fallback Intent on right side of the same page.

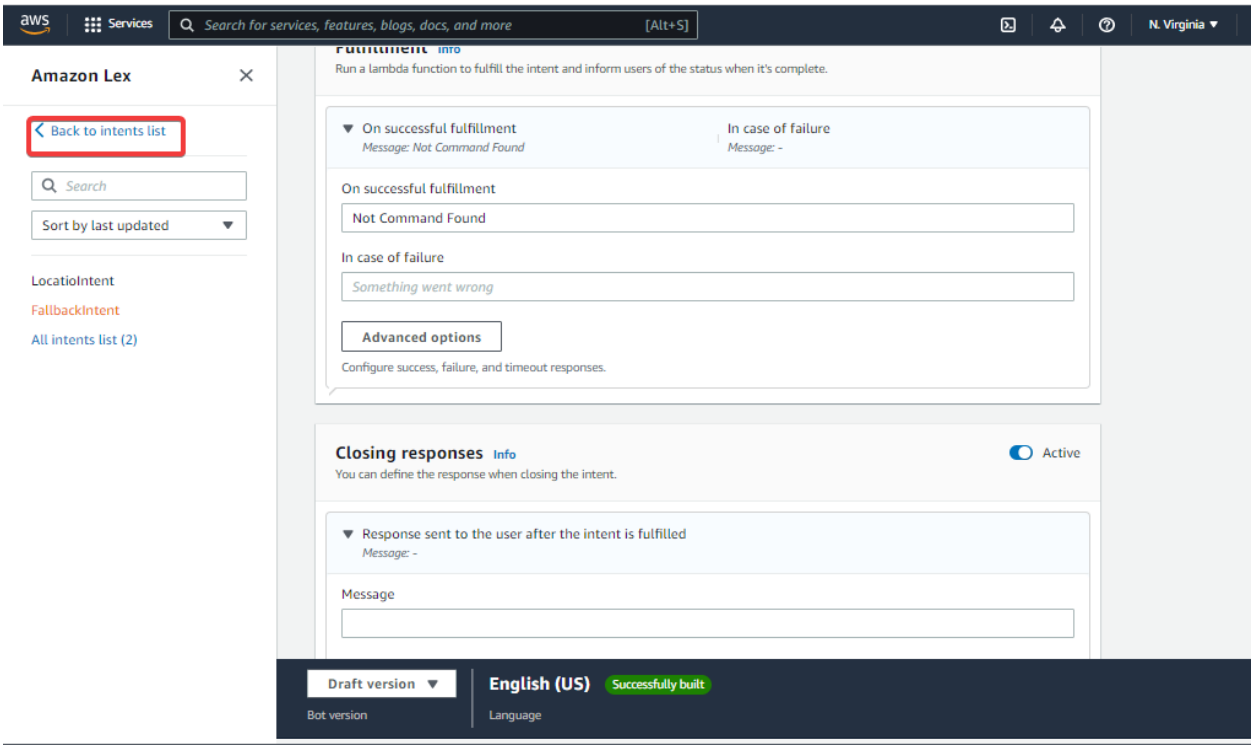


- Then, input not command found and click on **save Intent**.

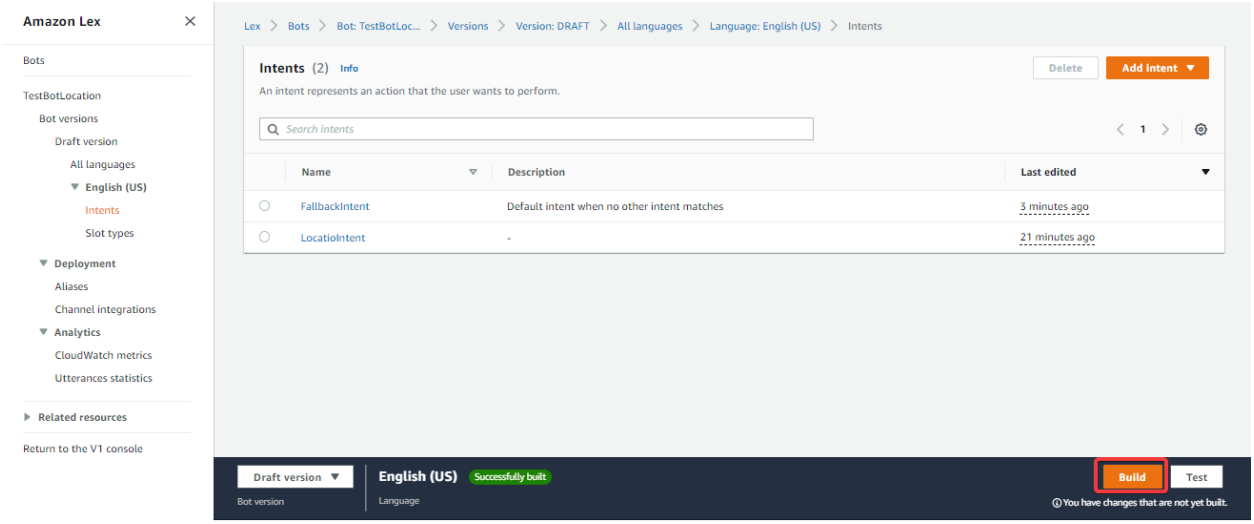




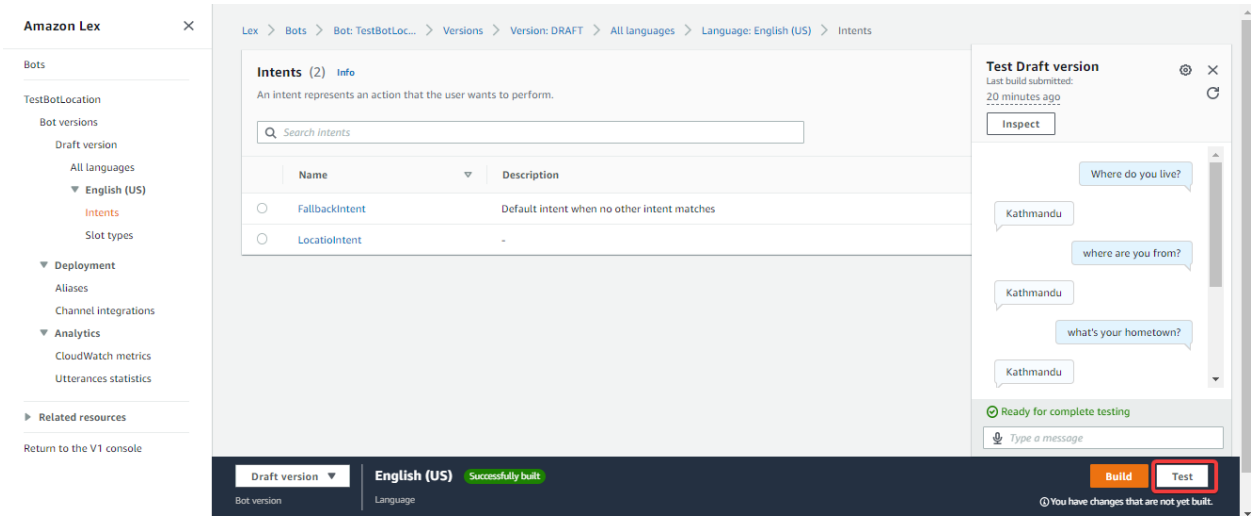
- Click on **Back to intents List.**



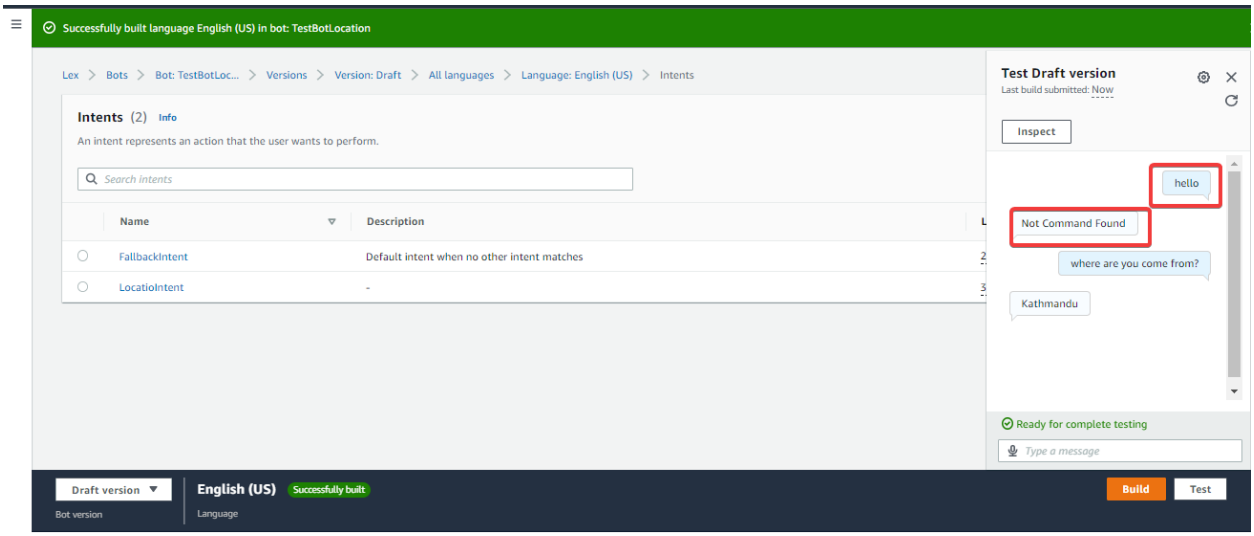
- Click on **Build.**



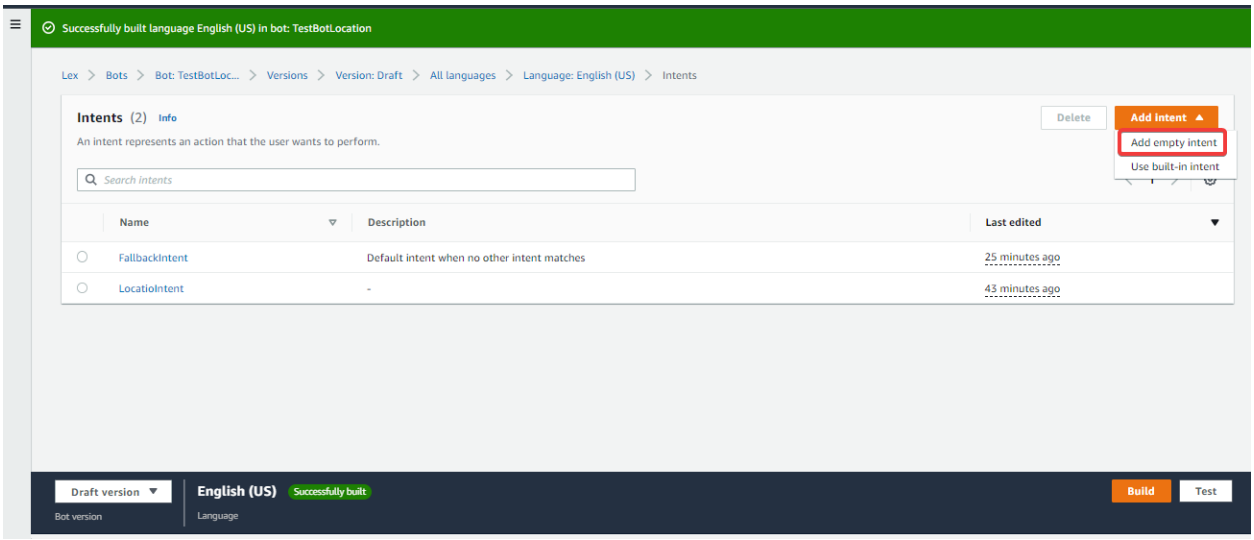
- Click on **Test.** A chat box will open.



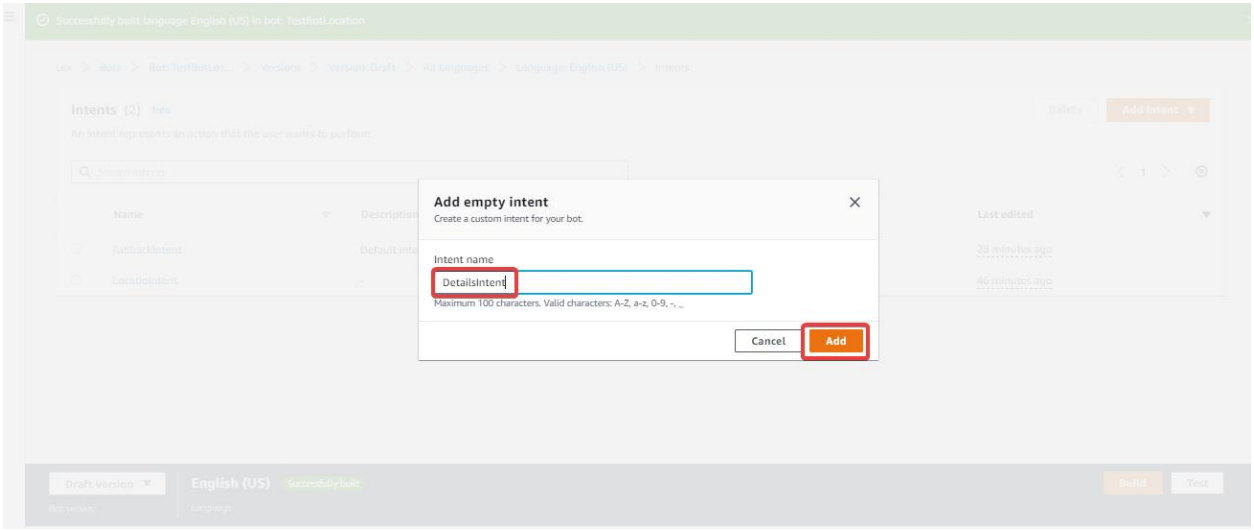
- We have input the command outside where chatbot has replied as **Not command Found**.



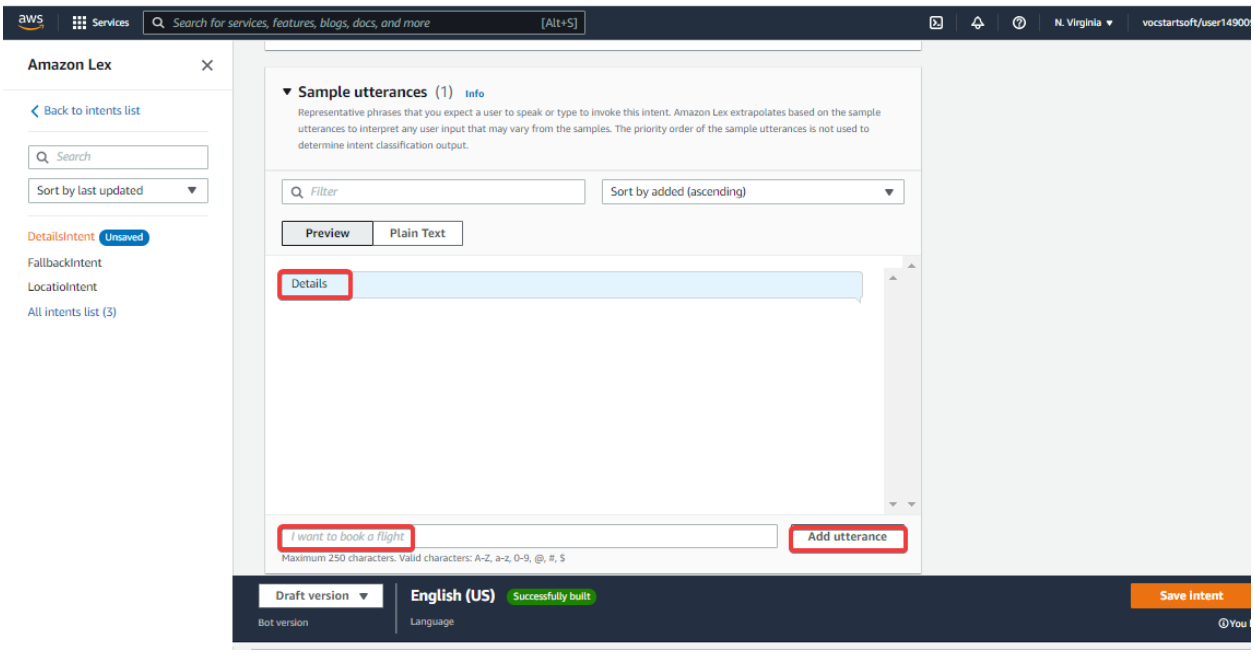
- Click on **Add intent** and choose **Add empty Intent**.



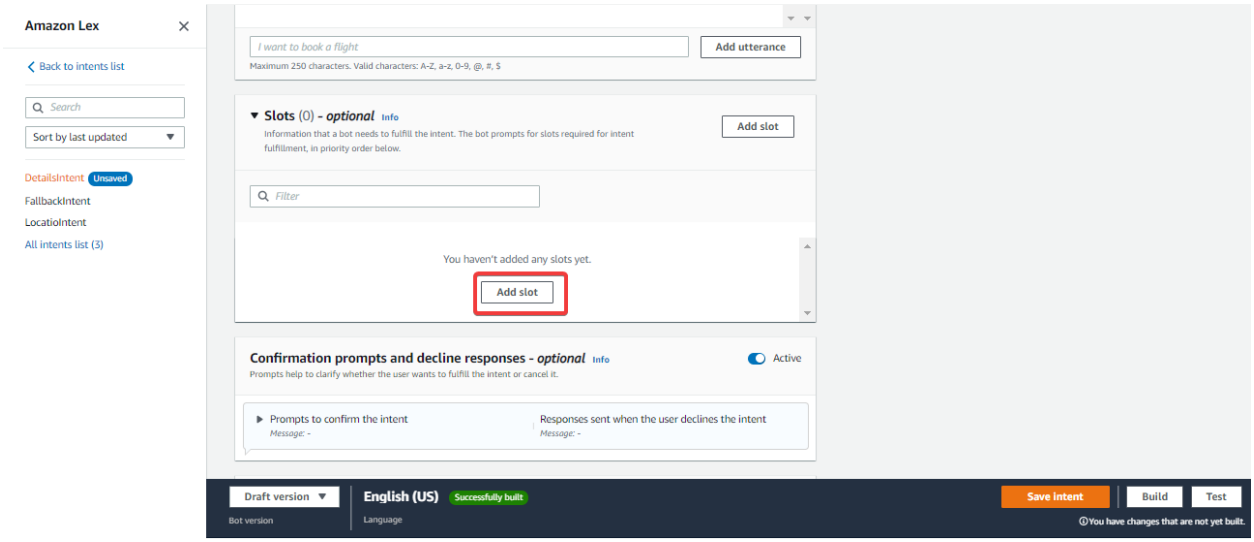
- Add **Intent name** and click on **Add**.



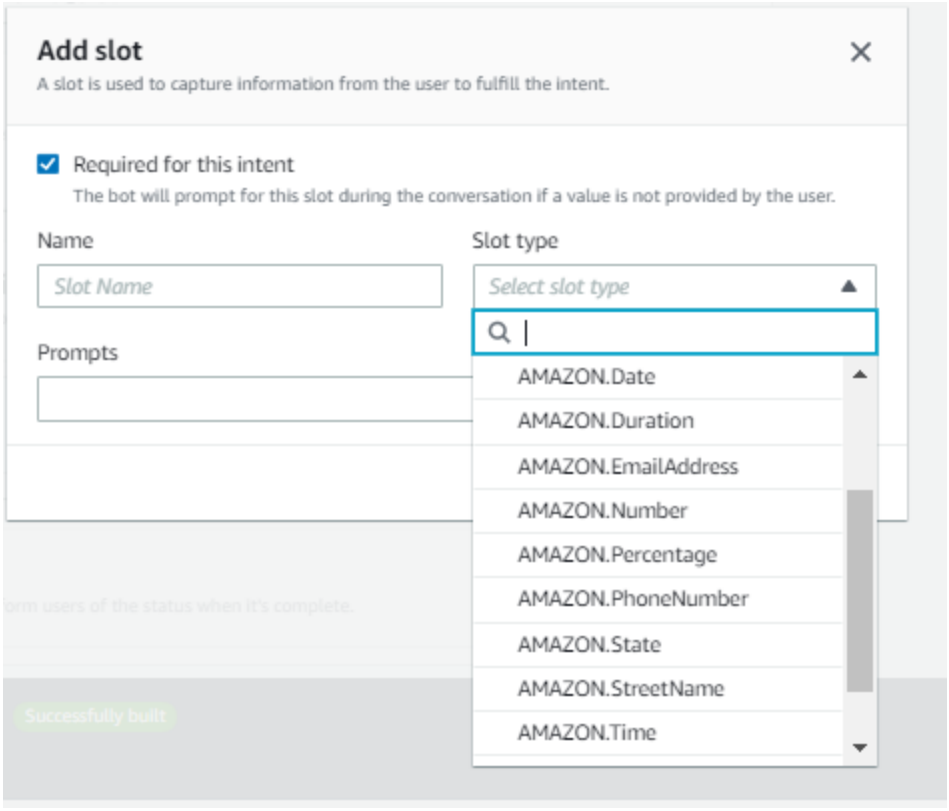
- Add **Utterance**



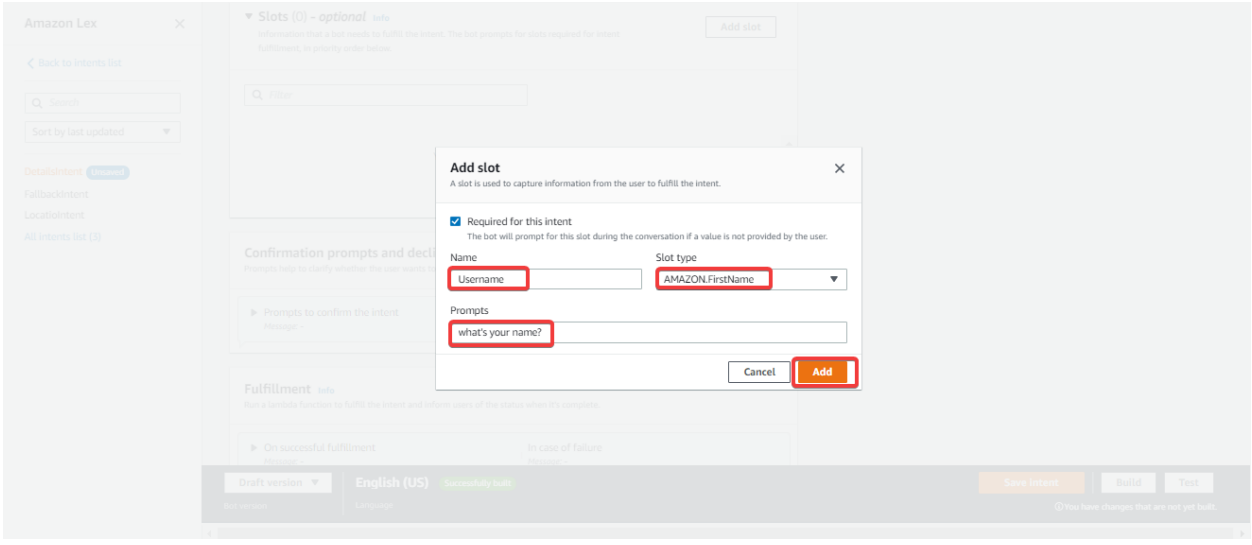
- Click on **Add Slot**.



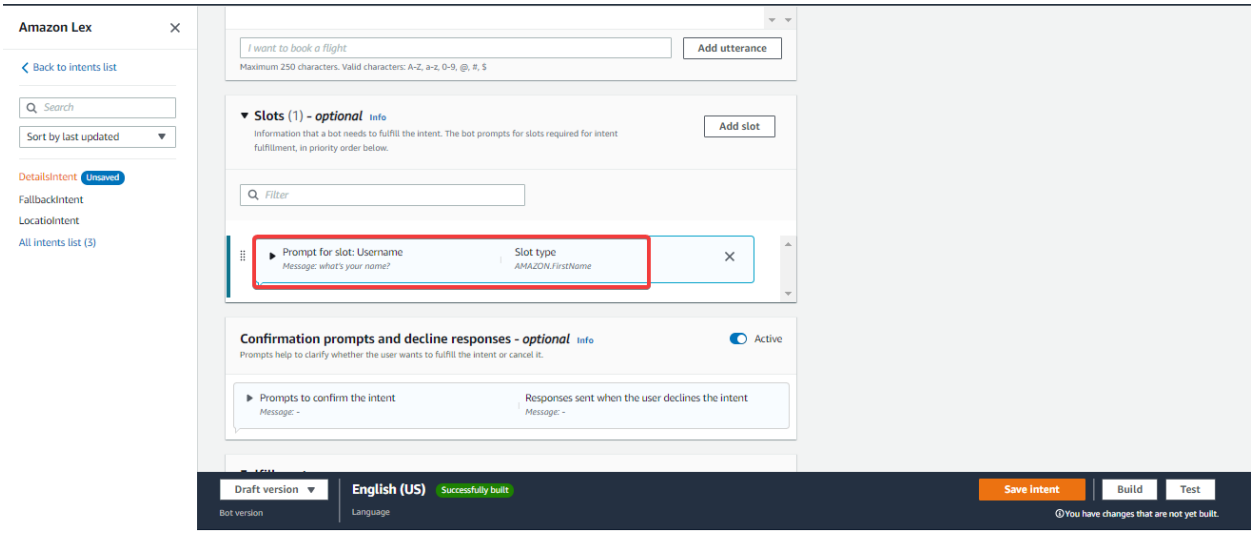
- You can see blank Slot Name, Prompts and list of slot type.



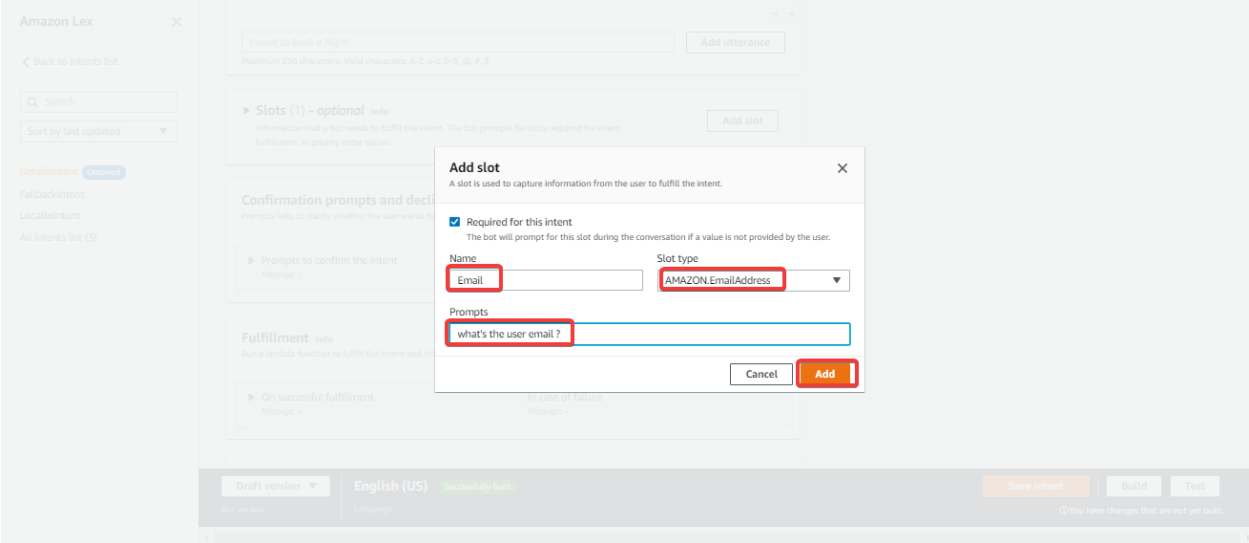
- We will create slot Name as Username. Once you fillup, click on **Add** button.



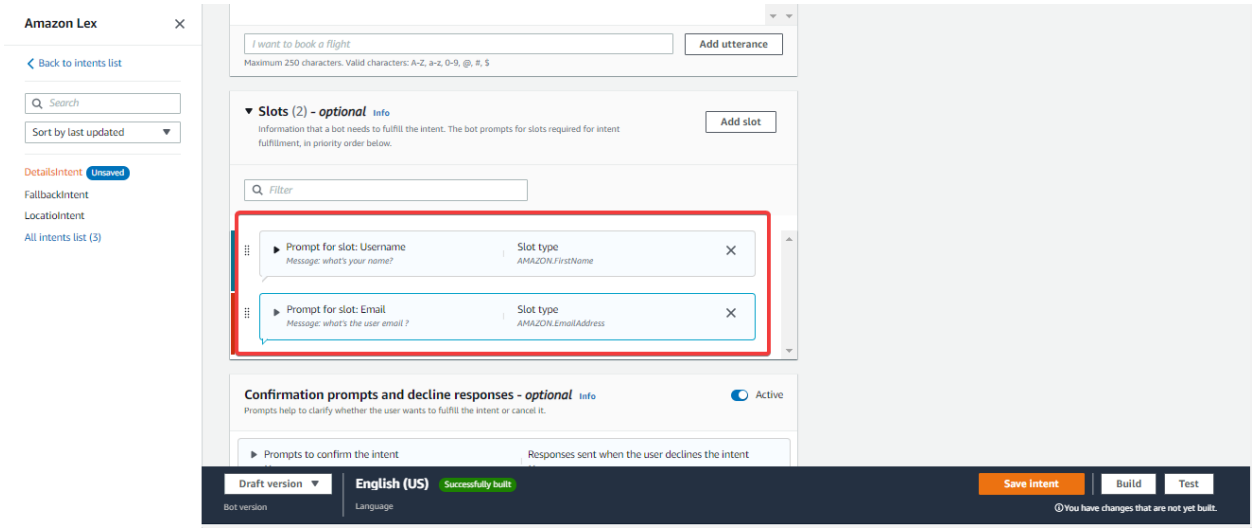
- One slot has been created as given below.



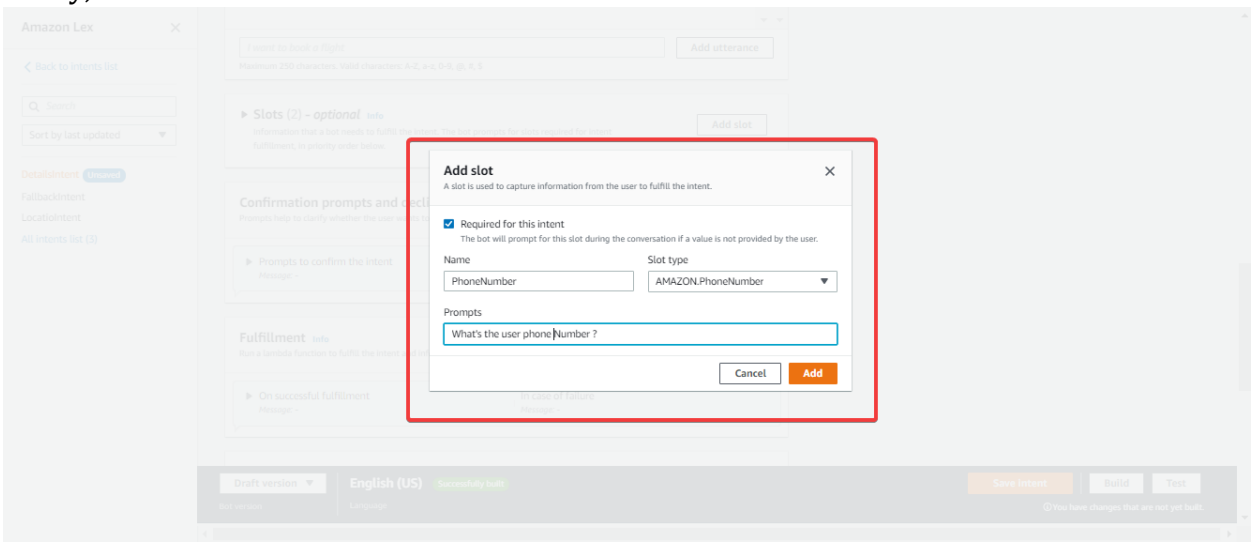
- Similarly, we will create other slots such as email address.



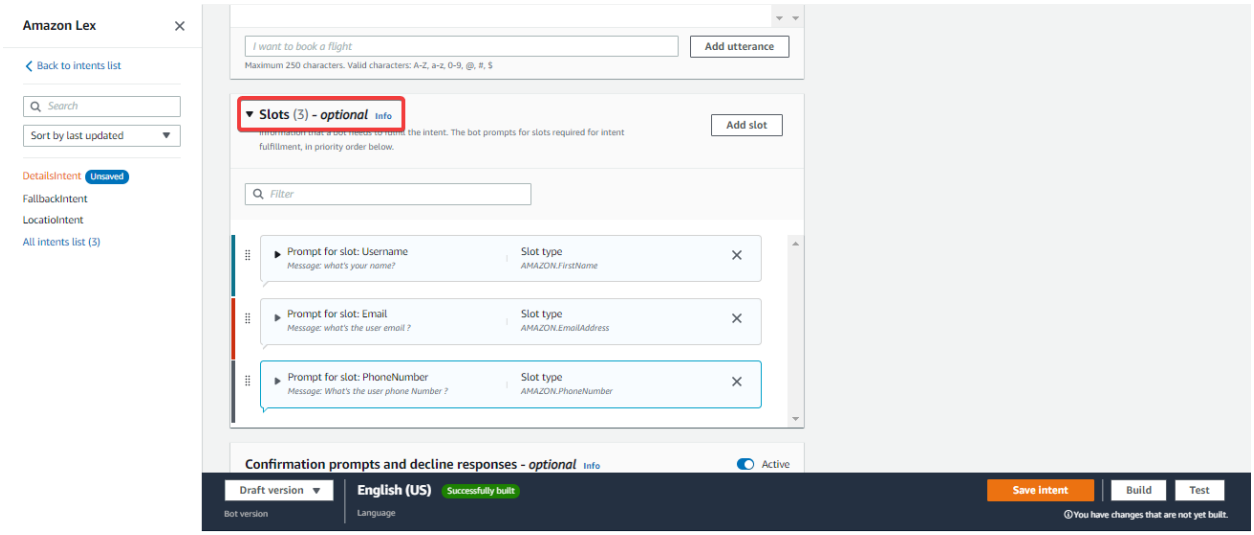
- Now you can see two slots.



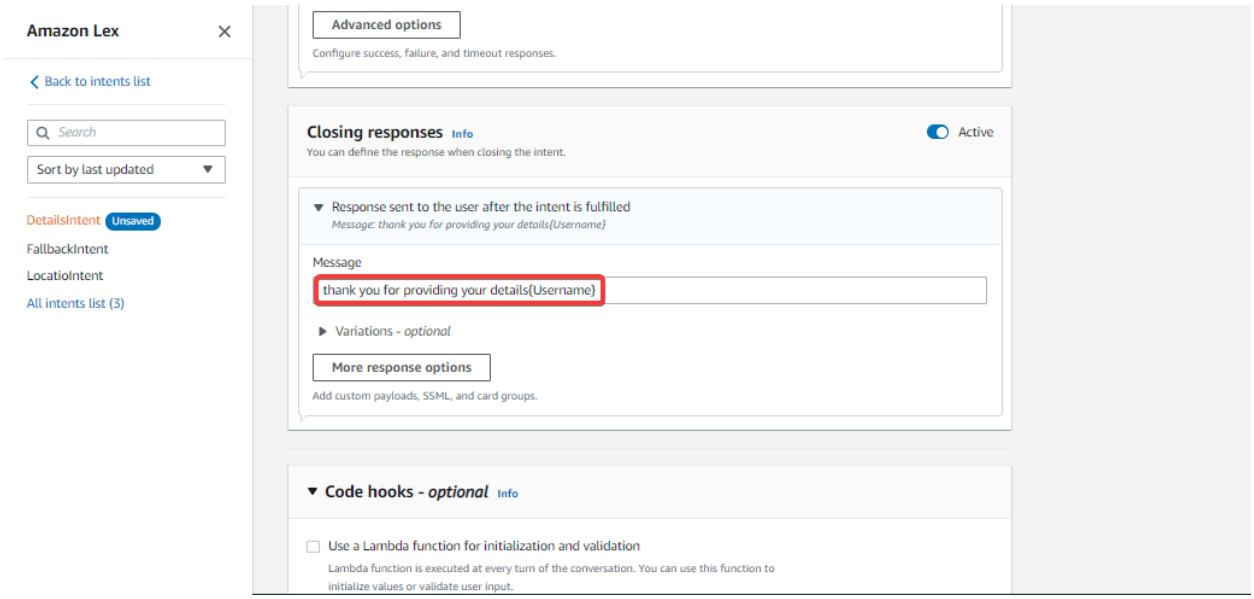
- Lastly, we create slot in **Phone Number**.



- You can see 3 slots.

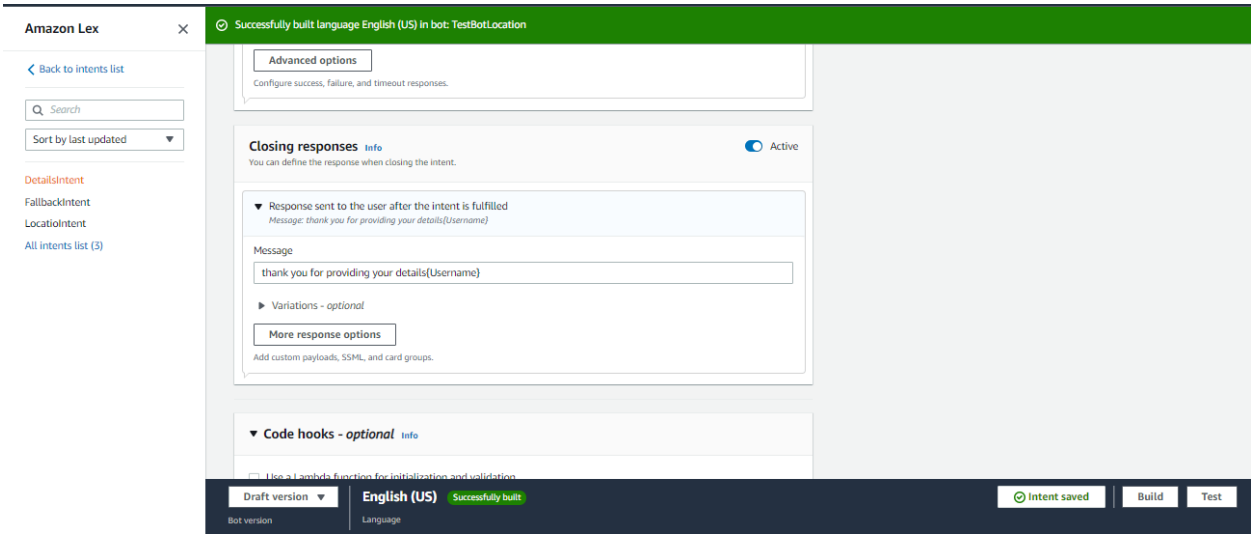


- Finally, we will type message for **closing responses**. We type our message where we placed variable as Username.

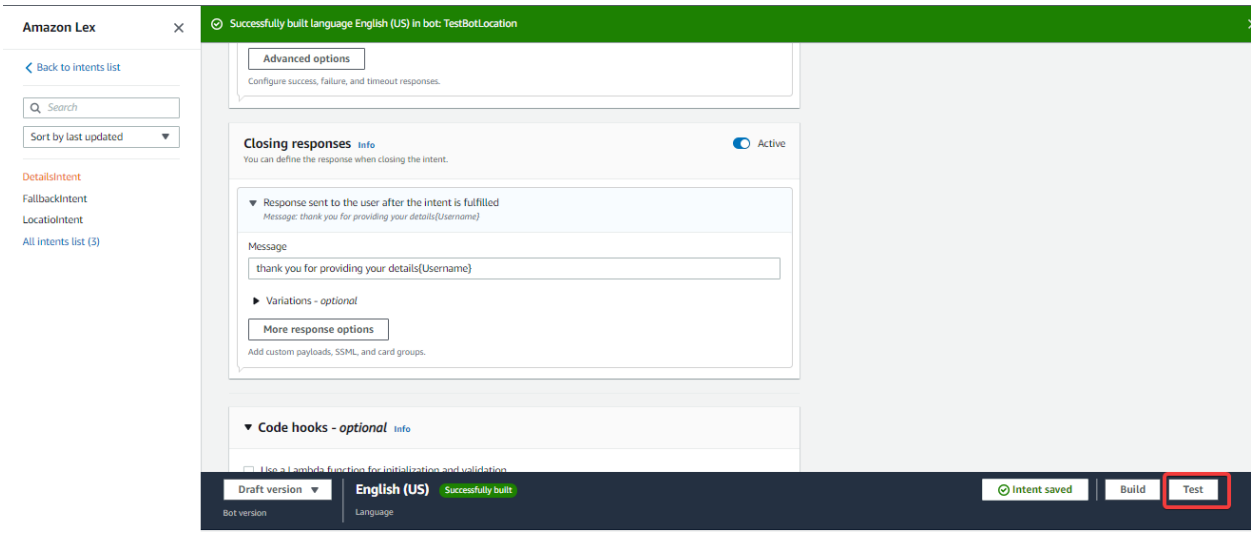


Then click on **Save intent**.

- Click on **Build.** And you will see successfully built top and buttom of the screen.

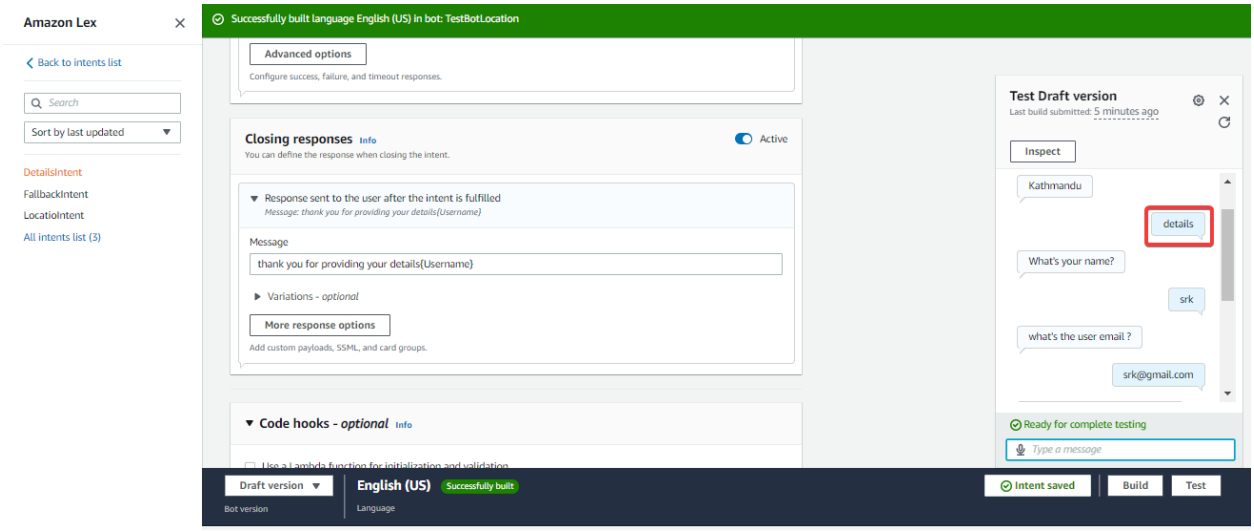


Lastly, Click on **Test.**



Then a dialogue box will appear with chatbot as given below.

- Input **details**. Then random enquires will generate and user can response the questions.


Amazon Lex
Back to intents list
Search
Sort by last updated
DetailsIntent
FallbackIntent
LocatioIntent
All intents list (3)
Successfully built language English (US) in bot: TestBotLocation
Advanced options
Configure success, failure, and timeout responses.
Closing responses Info
Active
You can define the response when closing the intent.
Response sent to the user after the intent is fulfilled
Message: thank you for providing your details{Username}
Message
thank you for providing your details{Username}
Variations - optional
More response options
Add custom payloads, SSML, and card groups.
Code hooks - optional Info
Test Draft version
Last build submitted: 5 minutes ago
Inspect
Kathmandu
details
What's your name?
srk
what's the user email ?
srk@gmail.com
Ready for complete testing
Type a message
Draft version
Bot version
English (US)
Successfully built
Language
Intent saved
Build
Test