Lab 1: Building an Alexa Skill using Alicebot

EE596/LING580 Conversational Artificial Intelligence

Hao Cheng

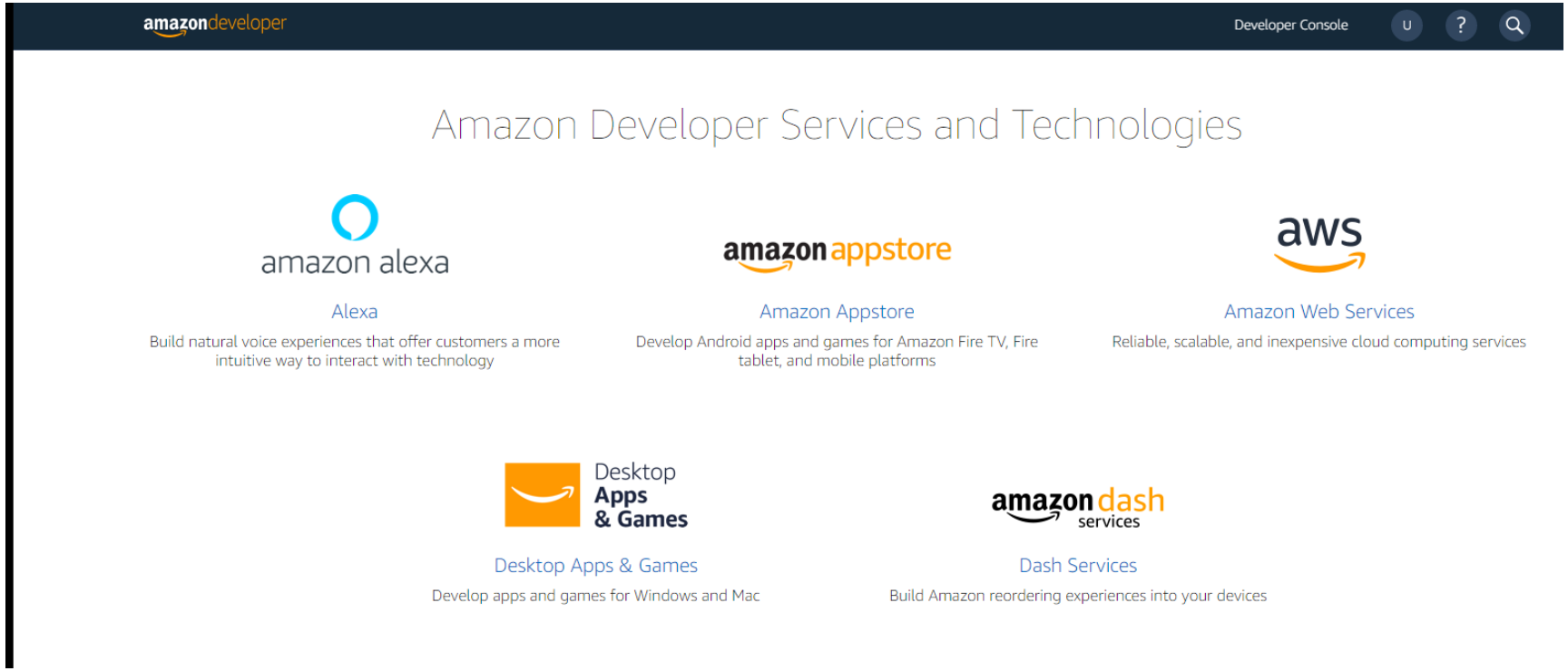
Tasks 1, 2, 3

- Follow instructions in the Git repository
  - https://github.com/hao-cheng/ee596_spr2019_lab1

Task 4: Create an Alexa Skill

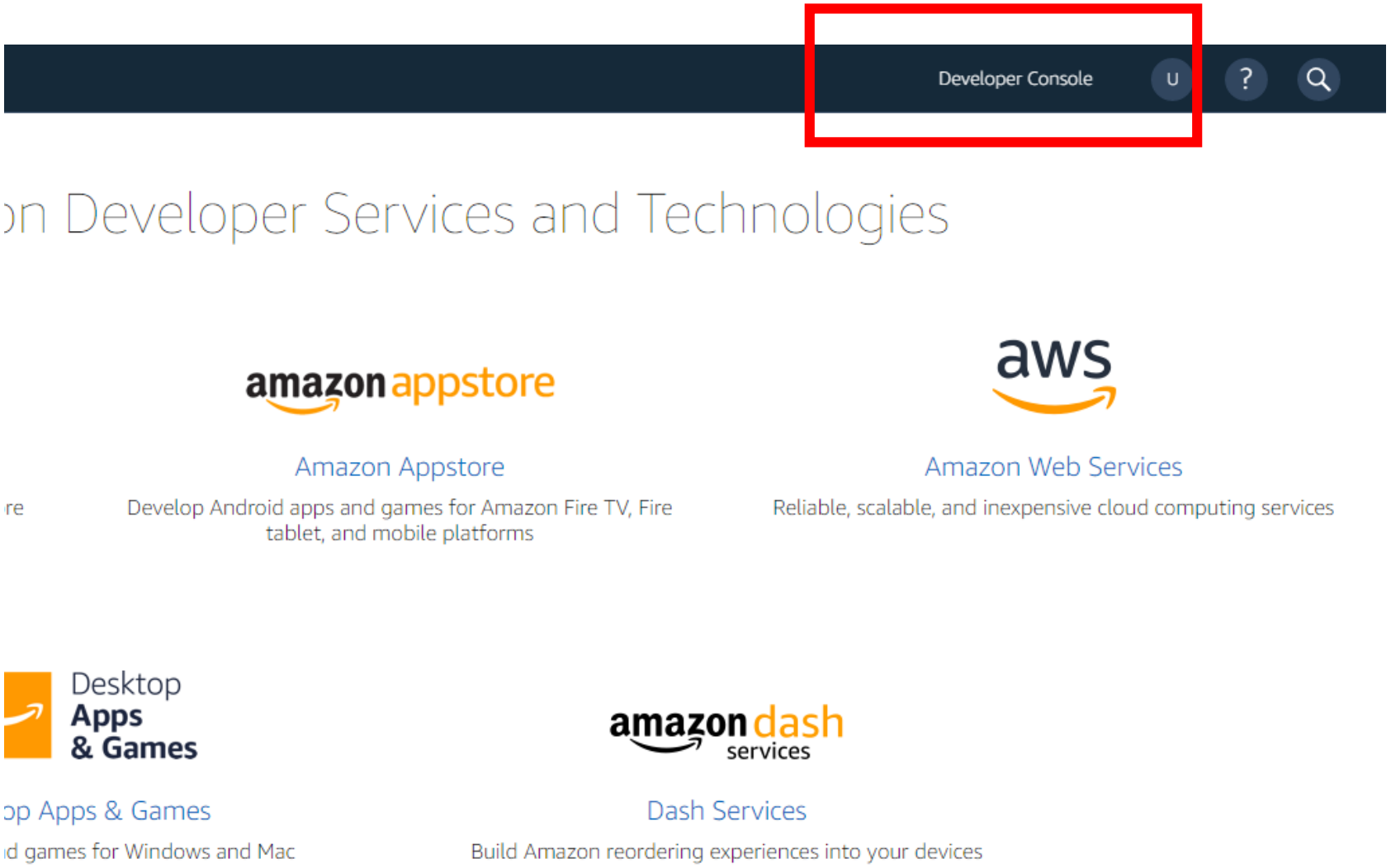
Step 4.1

- Sign in to the Amazon developer portal. If you haven't done so already, you'll need to create a free account.
  - https://developer.amazon.com/



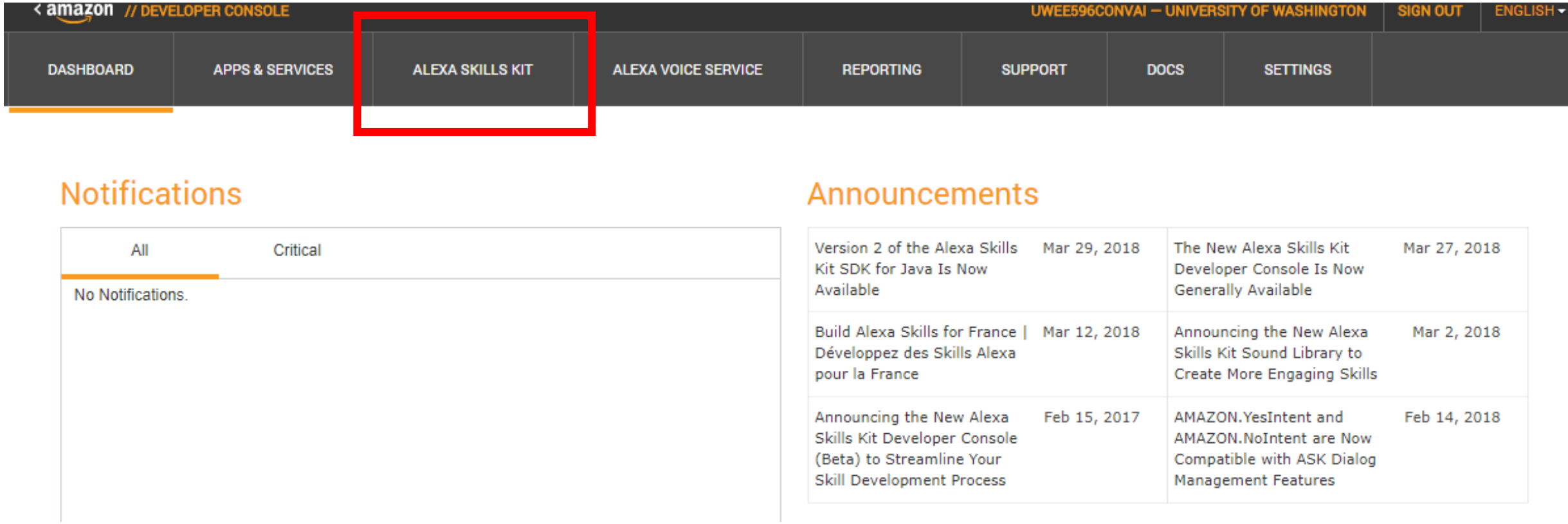
Step 4.2

- Click **Developer Console**



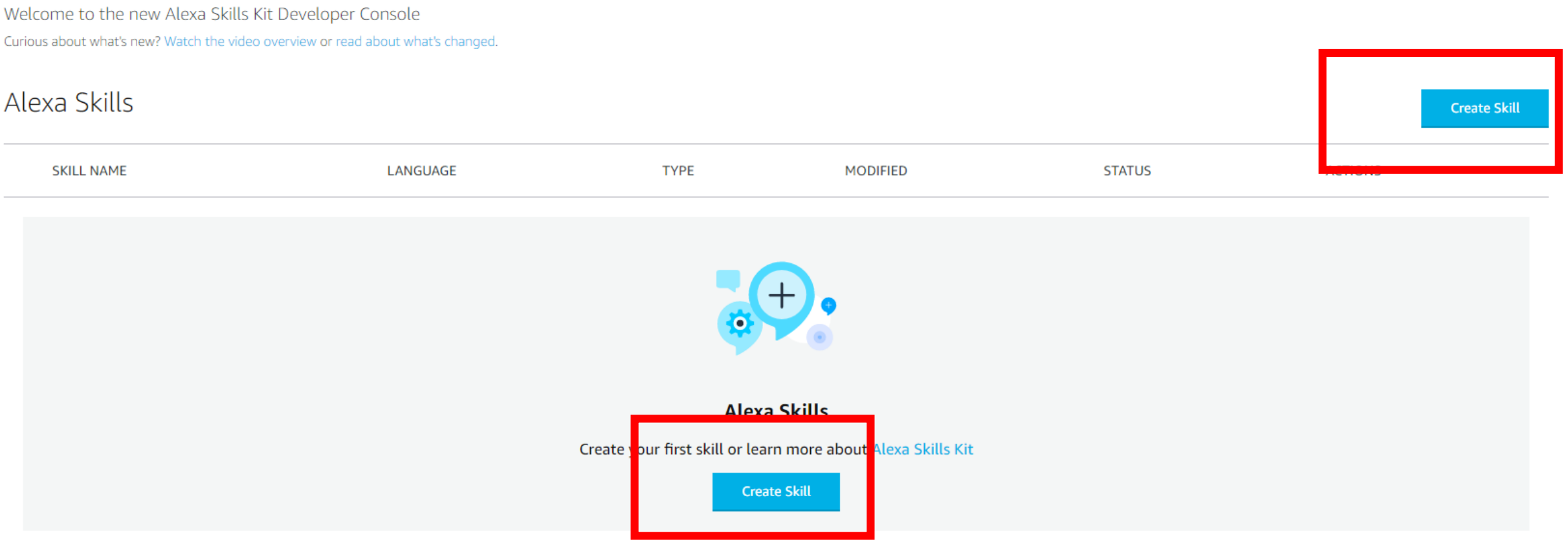
Step 4.3

- Go to **ALEXA SKILL KIT**



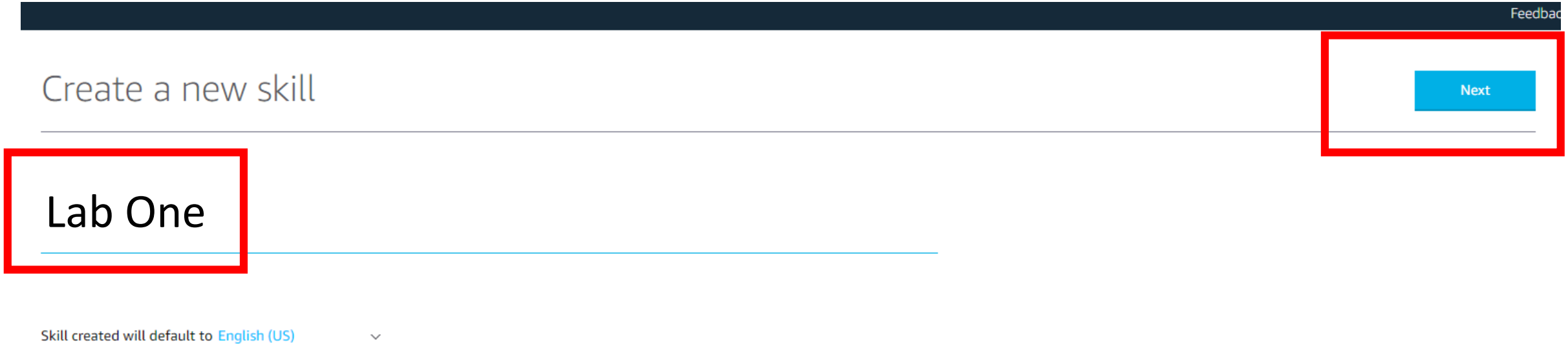
Step 4.4

- Click **Create Skill**



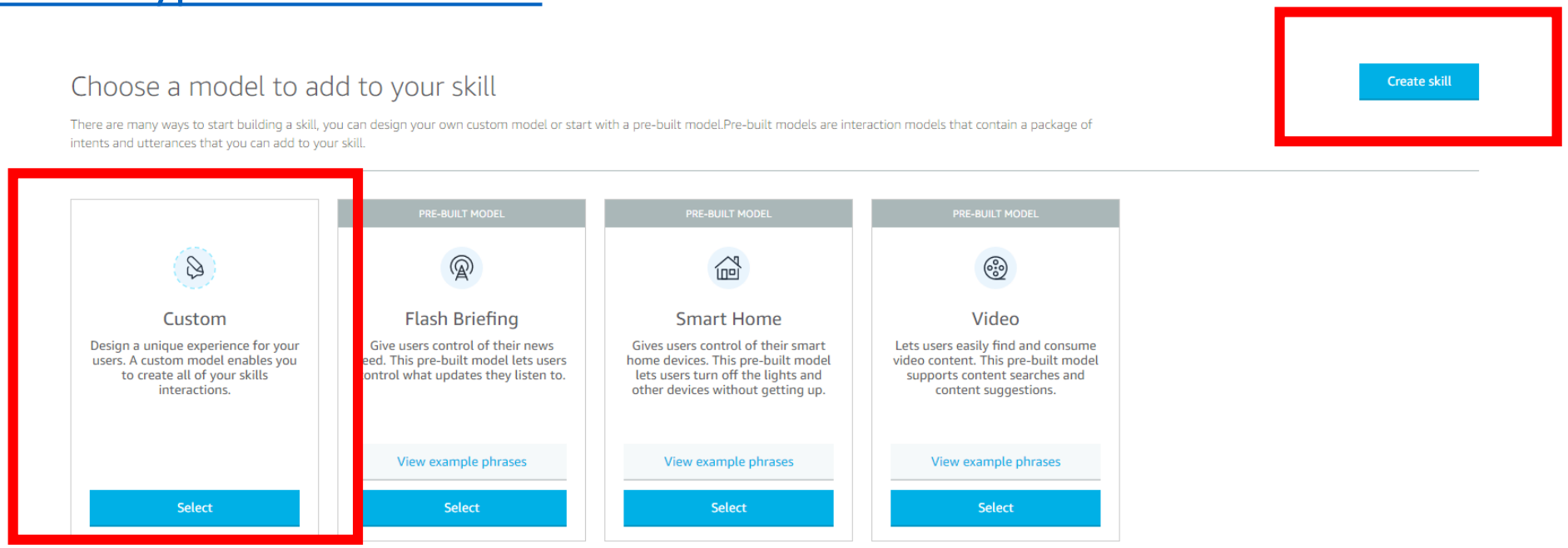
Step 4.5

- Name your skill. This is the name displayed to users in the Alexa app. For this example, we'll call it **Lab One**. Click **Next**.



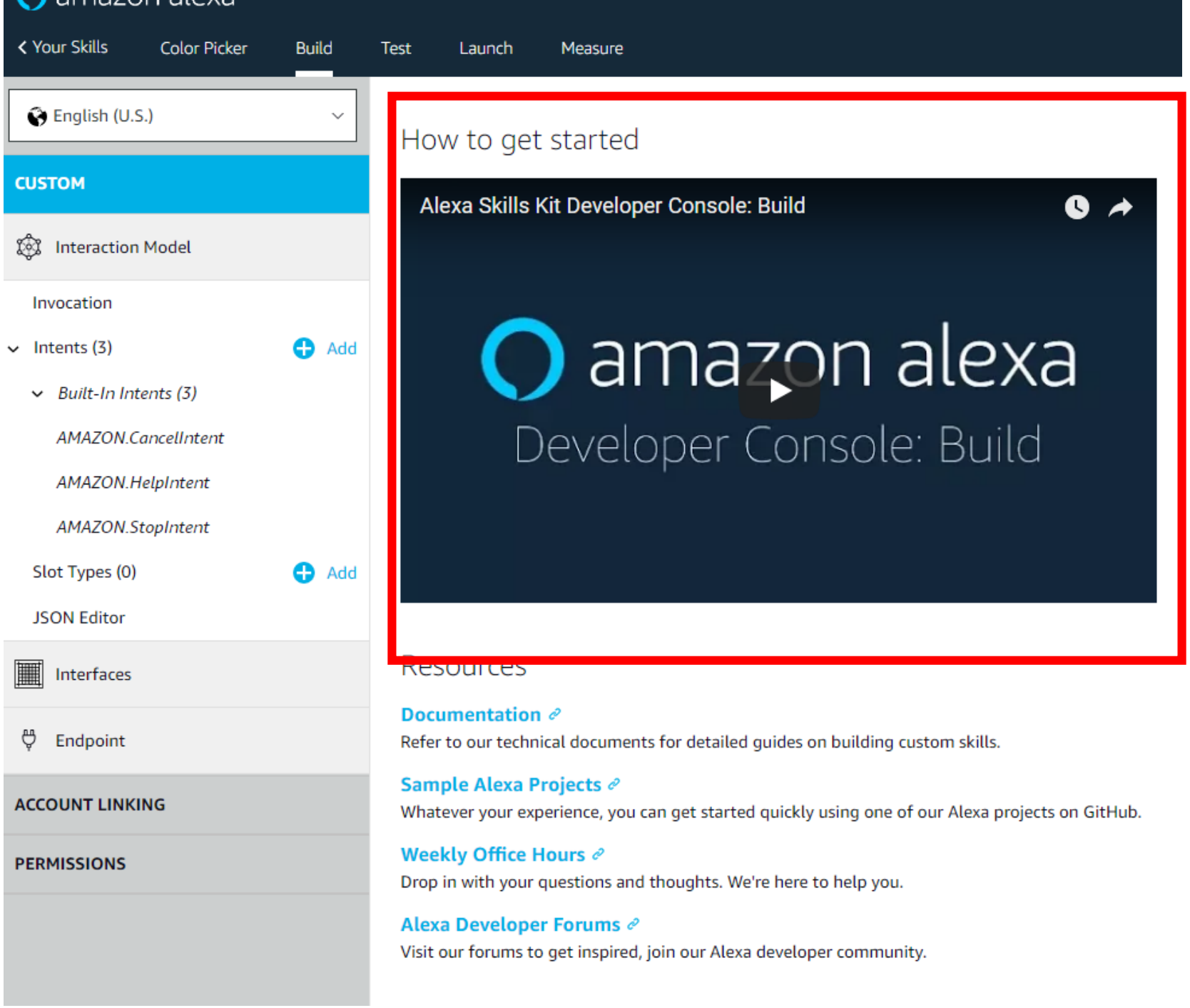
Step 4.6

- Choose **Custom.** Then click **Create skill**.
  - For different skill models, please read the official documents.
  - https://developer.amazon.com/docs/ask-overviews/understanding-the-different-types-of-skills.html



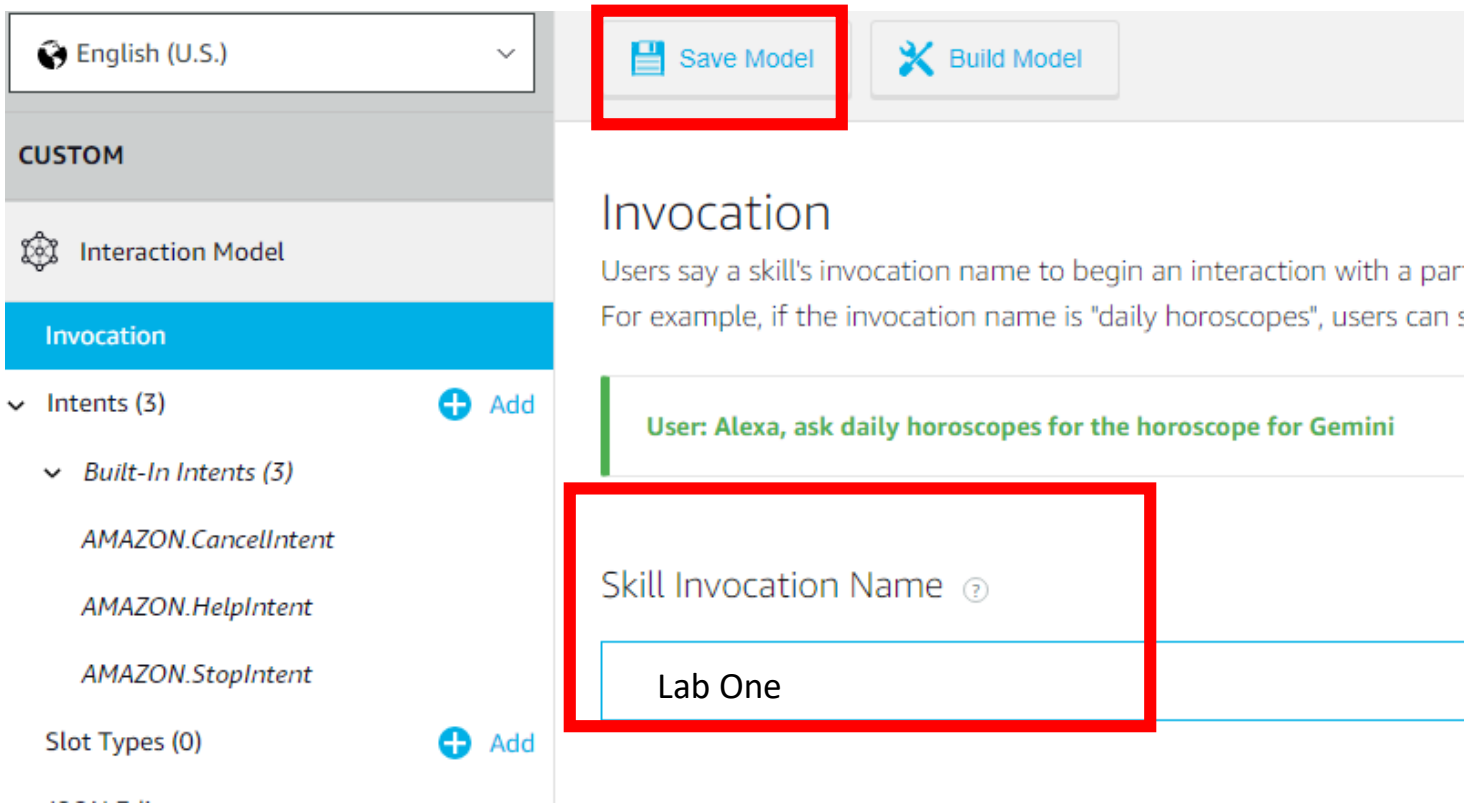
Step 4.7

- Check the video **How to get started** for a brief introduction.
  - https://youtu.be/1pvR4aqwGhg



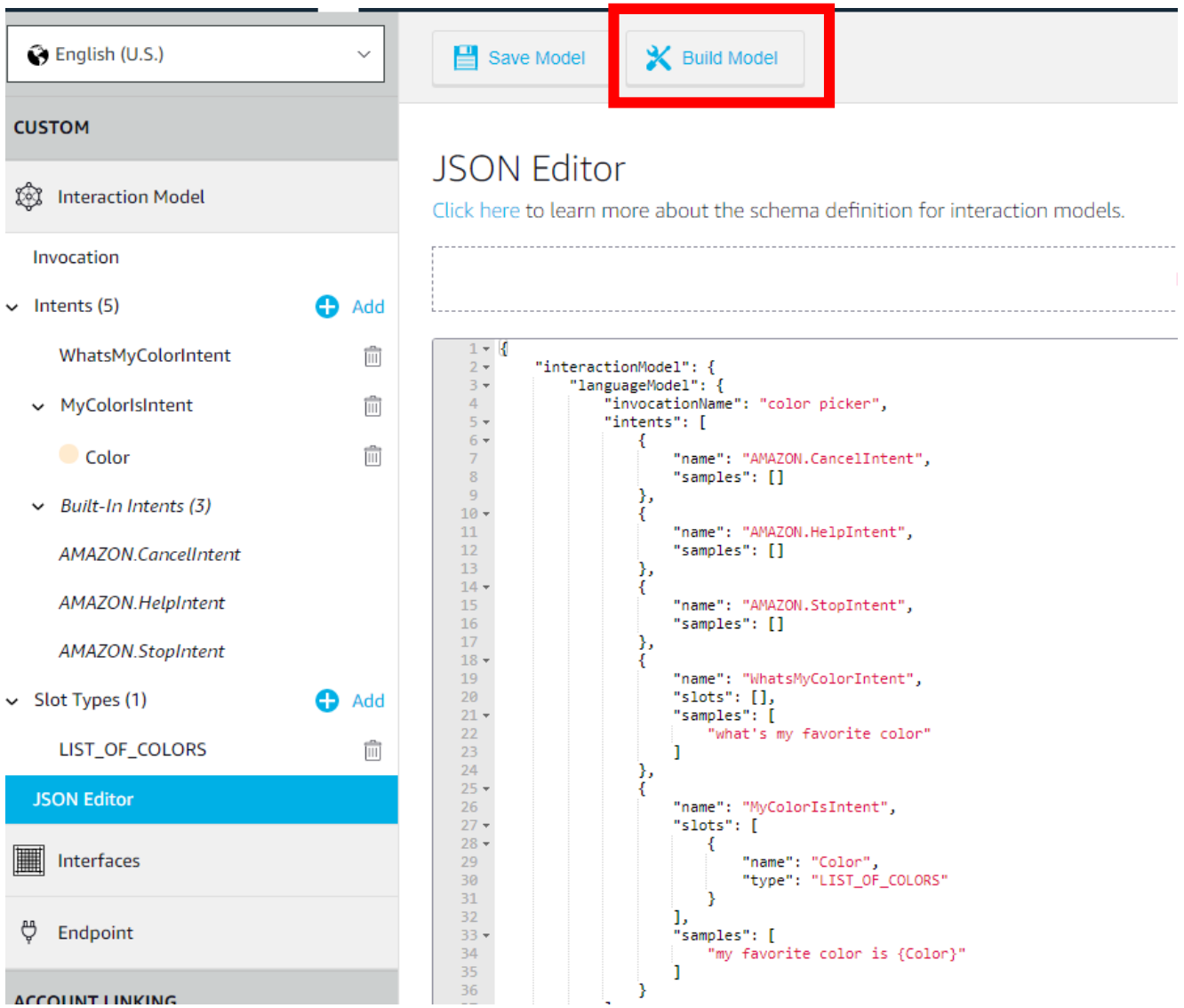
Step 4.8

- Create an invocation name. Let’s use the skill name **Lab One**. Choose **Save Model** to continue.
  - Users will say, "Alexa, open **lab one**" to interact with your skill

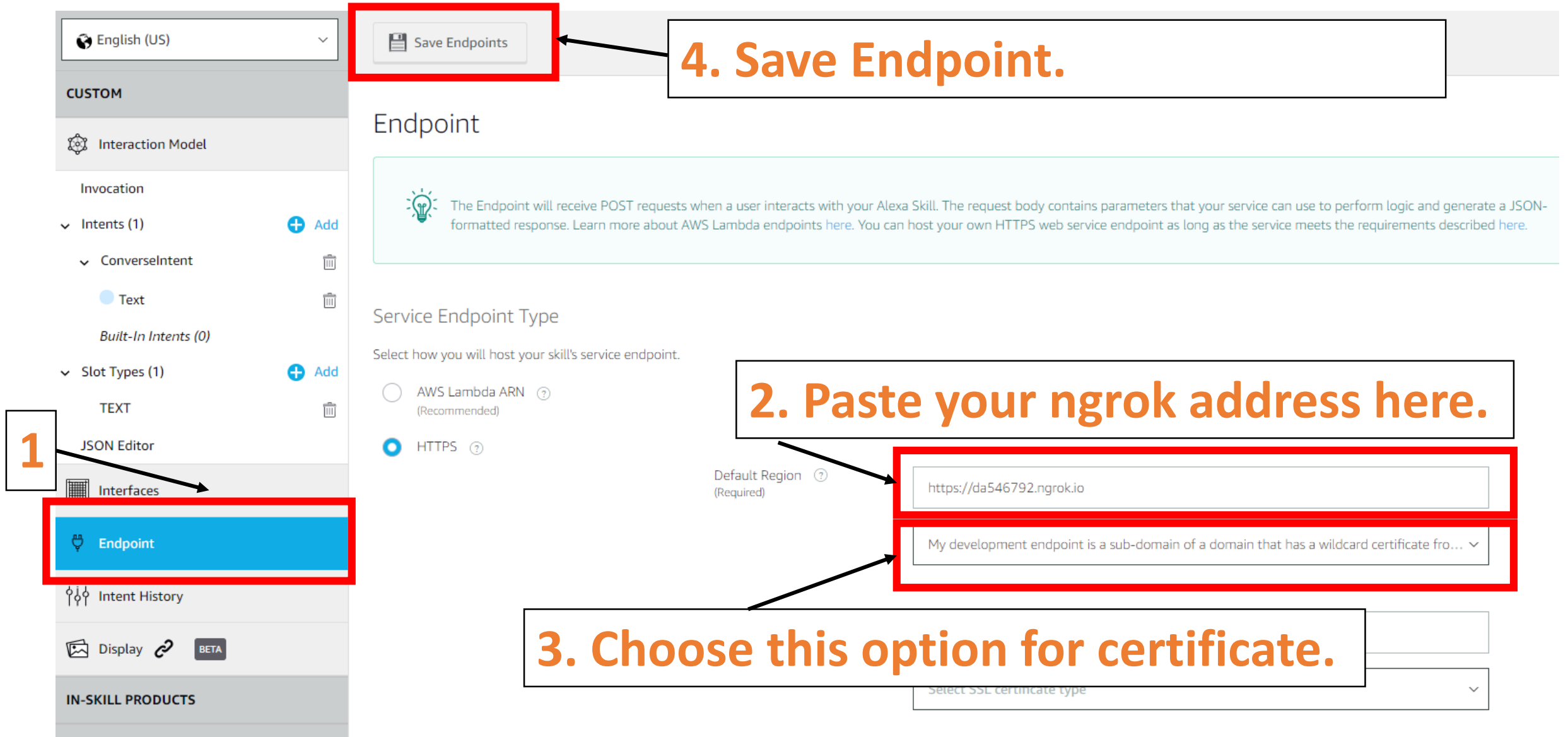


Step 4.9

- Directly go to the **JSON Editor** in the **Interaction Model**.
- Paste the alexa_skill/interaction_model.json file in the ee596_spr2019_lab1 Git repository to the JSON Editor.
- Click **Build Model**.

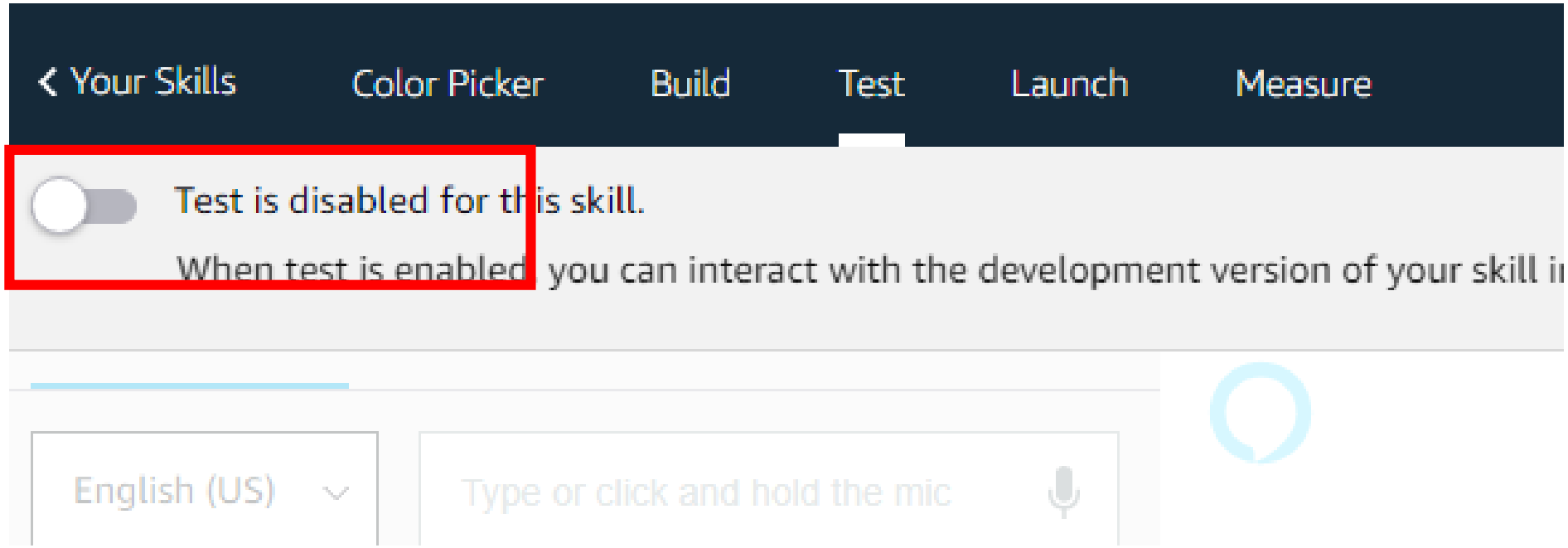


Step 4.10: Configure the Endpoint



Step 4.11

- Go to the **Test** tab and Enable test.



Step 4.12

- Type “open lab one” & talk with the bot using either text or voice.
- Click the bot utterance and analyze the **JSON input** and **JSON output**.