**UTD OIT + AWS Challenge:** Build for UTD Alexa Skill Challenge

develop an Alexa skill that answers frequently asked questions by students at UTD

See link for links to account set up and tools

<https://www.hackutd.co/live/documents/UTDOITChallenge.pdf>

1. Sign up for an **Amazon Developer Account**
2. Sign up for **AWS Account**
3. See **Alexa Skills Kit (ASK)** and **Getting Started Guide**
   1. Amazon Developer YouTube account & forums
4. Build skill
5. Host skill on hosting service (AWS Lambda)
6. Test with Test Simulator (beta)
7. Submit skill for “Build for UTD Alexa Skill challenge” at HACKUTD 2019 via email to **cloud@utdallas.edu**

Criteria: Applicability to theme, Technical Difficulty, Impact/Usefulness, Scalability, Creativity & Innovation

- what does it do: answer questions, process commands

Alexa App for UTD

-

<https://medium.com/crowdbotics/how-to-build-a-custom-amazon-alexa-skill-step-by-step-my-favorite-chess-player-dcc0edae53fb>

The following are built in intents

The “AMAZON.NoIntent”, “AMAZON.CancelIntent” and “AMAZON.StopIntent” will handle the user speech request when the user declines to interact with the skill, or wants to stop the interaction.

The “AMAZON. FallbackIntent” will handle the user speech request which doesn’t match any of the utterances.

The “AMAZON.HelpIntent” will handle the user speech request for help.

The “AMAZON.NoIntent” is not included by default, like the other built-in intents, so we’ll have to add it.

link redirection: where is room x in building y? -> open UTD room locator

Extension: for Amazon Echo, send push notification or rmd.me or something

link redirection: what are my grades -> open eLearning website

Collaboration: link to the same AWS Lambda function

Files and notes on Github, communication through Slack @ https://heytemoc.slack.com