From Students…
…to Professionals

MICHIGAN STATE UNIVERSITY

Beta Presentation
Seller Forums Echo Companion

The Capstone Experience

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Project Overview

- Provide Voice Interface for Seller Forums
- Document Alexa Skill Creation
System Architecture

Amazon Echo -> Alexa Cloud Service -> AWS Lambda -> AWS DynamoDB

MySQL Database

AWS SQS
Reading A Question

**Alexa, read the most recent post.**

- The user “” said “”. What else can I do for you today?
- *Alexa, mark that post as helpful.*
- I have marked that post as helpful. What else can I do for you today?
- *I would like to reply to the post...*
Posting A Question

Alexa, make a new post.

- Alexa prompts the user for each field.
- Alexa, <fill desired fields>.
- You have finished building a post, you can now review your post.
- Alexa, review my post.
- Alexa reads back post.
- Alexa, post it.
Getting Notifications

Alexa, what are my notifications.

• Alexa checks when you last accessed the Seller Forums.
• Alexa then gathers your notifications such as:
  • Markings on your questions
  • New replies to your question
What’s left to do?

• Improve Utterances
• Documentation
  ▪ Future Development
  ▪ Maintenance and Usage
• Project Video