

Capstone Project Weekly Progress Report

Project Title	Zene Cloud
Group Name	Group-I
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Reporting Week	8 July 2019 – 14 July 2019 (Week 9)
Faculty Supervisor	William Pourmajidi

1. Tasks Outlined in Previous Weekly Progress Report

- We continued with AWS Alexa Skill through our Developer Account
- We configured Alexa Development Console
- We edited the code for Node.js

2. Progress Made in Reporting Week

- We created **AWS Developer Account**.
- Then we click on Amazon Alexa
 - We created a new Skill
 - Named as MyZeneCloudStudy
 - Default language English.
 - Then we choose a custom model which is by default.
 - After than we select self-hosted skill's backend resources.
 - It than asked to choose a template
 - We chose facts skill template
 - Then we landed in Alexa development console
 - After than we configure the Service Endpoint Type

- In AWS Lambda ARN
 - Default Region ARN: `arn: aws: lambda:us-east-1:123456789012: functionserverlessrepo-alexa-skill-alexaskillskitnodejsfact: fa123456-14a1-4fd2-9fec-83de64ad683de6d47`
 - Save Endpoints
 - GetNewFactIntent clicked Build Model
 - We click test and selected development
 - It will show us the Input in JSON and Output in JSON
- We grabbed the URL of S3 bucket
- We edited the function code
 - At the place of consent data, we pasted S3 url
<https://zenecloudalexa.s3.us-east-2.amazonaws.com/Notes.mp3>
 - To talk we have to edit
`<audio src="https://zenecloudalexa.s3.us-east-2.amazonaws.com/Notes.mp3 " />`

3. Difficulties Encountered in Reporting Week

- There was a problem occurred as no one from our team knows Node.js language, we choose custom template, and we end up with a blank Alexa Development console. Then we studied about the alexa from AWS documentation and we got to know we can choose any template and customize it <https://developer.amazon.com/docs/custom-skills/speech-synthesis-markup-language-ssml-reference.html#audio>
- It was not an easy task but still there is lot of work to do.

4. Tasks to Be Completed in the Next Week

- We will transfer our Website to AWS using Route 53 using DNS registered domain.
- We will add Alexa to our Website and try to run it.
- We will configure the WordPress site in Private Subnet.