

## Capstone Project Weekly Progress Report

Project Title	MEALBUDDY
Group Name	GROUP_G
Student names/Student IDs	ELVIN IYPE MATHEW C0769974 ELDA VARGHESE C0769741 TOM JOSEPH C0760915 JEENA HELEN FRANCIS C0764493 CHINJU BABY C0769912
Reporting Week	1 JUNE 2020 - 7 JUNE 2020
Faculty Supervisor	WILLIAM POURMAJIDI

### 1. Tasks Outlined in Previous Weekly Progress Report

- Study and create S3 object and deploy UI
- Explore AWS JS SDK
- Explore DynamoDB and create objects
- Explore Yelp Api and create account
- Explore AWS Lex and create object
- Explore AWS API GATEWAY and create object

### 2. Progress Made in Reporting Week

- Created s3 bucket named [www.mealbudy.xyz](http://www.mealbudy.xyz)
- Created UI code for chat using AWS SDK JS
- Registered account in yelp api. Got API key and token. Now doing a deep study in Yelp Api.
- Created a chatbot using amazon lex. Used lambda function to validate.
- Created DynamoDB table(yelp\_restaurant) tried inserting dummy values.
- created lambda function(lambda\_DB)and inserted hard coded values into dynamoDB

### 3. Difficulties Encountered in Reporting Week

- Problem understanding AWS SDK JS and Cognito
- Error while triggering aws lambda function from DynamoDB - Attached policies to get full access to dynamoDB from IAM role services.
- Validation using lambda in the chat box was a little bit tricky.

#### 4. Tasks to Be Completed in Next Week

- Create an Account in AWS API gateway
- Connect UI code with Cognito to login and register
- connect lex to dynamoDB using lambda