

## Capstone Project Weekly Progress Report

<b>Semester</b>	Fall 2021
<b>Course Code</b>	AML 3406
<b>Section</b>	Section 2
<b>Project Title</b>	Restaurant Recommendation Chatbot
<b>Group Name</b>	Group 3
<b>Student names/Student IDs</b>	Vignesh Kumar Muruganathan C0793760
<b>Reporting Week</b>	Week 3 – 09/25/2021
<b>Faculty Supervisor</b>	Vahid Hadavi

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

- To Create GIT repository.
- Get data from Yelp.
- Create Azure Cloud service and load data

### 2. Progress Made in Reporting Week

- Created GIT Repository
- Downloaded the latest data from Yelp in Json format
- Loaded them in local repository.
- Installed MongoDB in cloud service.
- Imported the dataset.

### 3. Difficulties Encountered in Reporting Week

- The file size was huge and was new to handle size of that nature.

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

- Perform initial cleaning of data.
- Apply NLTK processes and structure the data.

## Overall Project Plan:

### Restaurant Recommending Chatbot

TASK NAME	RESPONSIBLE	START	FINISH	DURATION (DAYS)	STATUS	STATUS
<b>Project Proposal</b>						Complete
Case study Analysis	Team	18-Sep	23-Sep	5	In Progress	Overdue
Requirements Documentation	Vignesh/Murali	18-Sep	23-Sep	5	In Progress	In Progress
Presentation Slides	Swathi	18-Sep	23-Sep	5	In Progress	Not Started
<b>Requirements Gathering</b>						
S/W Environment Setup	Team	23-Sep	1-Oct	8	Not Started	
Data acquisition - Scrapy, Twitter API	Vignesh/Varadha	23-Sep	1-Oct	8	Not Started	
Requirement Analysis	Swathi	23-Sep	1-Oct	8	Not Started	
Documentation	Swathi/Murali	23-Sep	1-Oct	8	Not Started	
<b>Development Phase I</b>						
Model building	Vignesh/Murali	1-Oct	22-Oct	21	Not Started	
NLP	Varadha	1-Oct	22-Oct	21	Not Started	
<b>Development Phase II</b>						
Webapp Building	Swathi	23-Oct	12-Nov	20	Not Started	
Buffer	Team	23-Oct	12-Nov	20	Not Started	
<b>Testing Phase I</b>						
Unit Testing	Murali	13-Nov	19-Nov	6	Not Started	
Integration Testing	Swathi	20-Nov	26-Nov	6	Not Started	
<b>Testing Phase II</b>						
Functional Testing	varadha/murali	26-Nov	4-Dec	8	Not Started	
Performance Testing	vignesh/swathi	5-Dec	13-Dec	8	Not Started	
<b>Final Presentation</b>						
Report Generation/Documentation	Swathi/Murali	13-Dec	15-Dec	2	Not Started	
Slides data collection	Varadha/vignesh	15-Dec	16-Dec	1	Not Started	
Finalize Presentation	Team	16-Dec	17-Dec	1	Not Started	
Approve Presentation	Team	17-Dec	18-Dec	1	Not Started	

## Individual Project plan:

Case study analysis

S/W environment setup

Development phase 1 – NLP

Development Phase 2 – Webapp Building

Testing Phase 2 – UNIT and Integration testing

HIGHLIGHTED BELOW ARE MY RESPONSIBILITIES

## Restaurant Recommending Chatbot

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