

Capstone Project Weekly Progress Report

Semester	Fall 2021
Course Code	AML 3406
Section	2
Project Title	Restaurant Recommendation Chatbot
Group Name	Group 3
Student Name/Student ID	Vignesh Kumar Muruganathan (C0793756)
Reporting Week	Week 2 – 09/18/2021
Faculty Supervisor	Vahid Hadavi

1. Tasks Outlined in Previous Weekly Progress Report

Selected few project ideas by discussing with group members in a breakout session and the project's scope. Identified the use cases and submitted them for instructor approval.

2. Progress Made in Reporting Week

The instructor approved the project, and in the breakout session, we were asked to discuss the different approaches and develop a project plan. The project plan was developed using a Gantt chart that includes dates and milestones with each group member's responsibilities and roles. A calendar was created and agreed upon for a team meeting two days a week.

3. Difficulties Encountered in Reporting Week

Have to start researching for the literature review as a team and develop possible solutions to implement the viable project and meet the project constraints. Finding the best suitable algorithm for chatbot and the related datasets for different restaurants were few difficulties we faced in the reporting week. Will adhere to the points as per the instructor's feedback and get to complete the deliverables.

4. Tasks to Be Completed in Next Week

Have to build an overall architecture about the project plan and come up with the analysis about the algorithms that can be used to build an efficient chatbot and the data collection, which is an integral part of this project.

5. Team Project Plan

Restaurant Recommendation Chatbot

TASK NAME	RESPONSIBLE	START	FINISH	DURATION (DAYS)	STATUS	STATUS
Project Proposal						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
Requirements Gathering						
S/W Environment Setup	Team	23-Sep	01-Oct	8	Not Started	
Data acquisition - Scrapy, Twitter API	Vignesh/Varadha	23-Sep	01-Oct	8	Not Started	
Requirement Analysis	Swathi	23-Sep	01-Oct	8	Not Started	
Documentation	Swathi/Murali	23-Sep	01-Oct	8	Not Started	
Development Phase I						
Model building	Vignesh/Murali	01-Oct	22-Oct	21	Not Started	
NLP	Varadha	01-Oct	22-Oct	21	Not Started	
Development Phase II						
Webapp Building	Swathi	23-Oct	12-Nov	20	Not Started	
Buffer	Team	23-Oct	12-Nov	20	Not Started	
Testing Phase I						
Unit Testing	Murali	13-Nov	19-Nov	6	Not Started	
Integration Testing	Swathi	20-Nov	26-Nov	6	Not Started	
Testing Phase II						
Functional Testing	varadha/murali	26-Nov	04-Dec	8	Not Started	
Performance Testing	vignesh/swathi	05-Dec	13-Dec	8	Not Started	
Final Presentation						
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	

6. Personal Plan

- Build an overall Architecture
- Requirements Documentation
- Data acquisition - Scrapy, Twitter API
- Model building
- Performance Testing