

Project: MealMate

Subject: CS691
Computer Science
Project 1

Agenda

- The Objective of this meeting is to give an overview of the Project
- Introduce the team members and what are their roles and responsibilities
- What is the project description
- What are the technologies we planned to use
- Brief overview of the technologies we proposed to use in the project
- Interaction, attendance, co-operation, team work, attention from each team member is needed to make the project success.

Team Members Roles



Sarath Upadrista
Business Analyst &
Developer



Archana
Project Manager
Quality Analyst & Tester



Dharavath, Harika
Database Administrator

Team Members Roles



Pavan
Developer



Avhad, Dipali Vijay
Developer



Kundan
Developer

PROBLEM STATEMENT



Problem Statement

In contemporary times, individuals residing independently or within family units frequently encounter the quandary of meal planning. The task of determining what to cook becomes burdensome, particularly when considering the variety of vegetables available at home. This challenge is compounded by the need to carefully assess the inventory of vegetables before deciding on a recipe. As a result, the process of meal preparation often involves significant time and effort.

PROJECT DESCRIPTION



Project Description

The "MealMate" web application aims to revolutionize meal planning by leveraging cutting-edge technology. Through the utilization of image processing algorithms, the application will transform the way individuals approach cooking. By simply uploading images of vegetables, users will receive personalized recipe recommendations tailored to their available ingredients. This innovative approach promises to simplify the meal preparation process and alleviate the burden of decision-making, ultimately enhancing the culinary experience for users.

Technologies

- React
- Python
- FastAPI
- Firebase
- MongoDB
- Git/Github
- JIRA

TEAM WORKING AGREEMENT

Agreement - Google
Docs



Sprint 0 Completed Tasks

Sprint 0			
Name	Status	Priority	Estimation (Day)
Defining the scope of the project	Done	High	5
Establish Team roles	Done	High	2
Finalizing the technologies	Done	High	3
Setup Development tools (Github and JIRA)	Done	Medium	5
Establish weekly meetings	Done	Medium	5
Work on Deliverable 1	Done	Medium	5
Total			25

RETROSPECTIVE



What helped us move forward

- Because of Slack, we are able to communicate well be connected
- Teamwork helped in requirement gathering.
- We have listed down the technologies which will be used. Although we still need to learn the concepts in depth to be able to make a good product.

What held us back

- Meeting schedules have to be planned carefully.
- Team participation requires a slight improvement.

What should we do next

- Proper availability of time needs to be discussed.
- Get a clear idea of deadlines to finish the tasks as per schedule.
- Start working on the activities assigned.

How could we do things differently

- Helping and motivating each other as a team if some or other in a group lacks some skills/ give them space to learn.
- We can put standup meetings to know the updates.

Wiki page Link

[https://github.com/upadristasarath/CS691_
CapstoneProject_MealMate/wiki](https://github.com/upadristasarath/CS691_CapstoneProject_MealMate/wiki)



THANK YOU