1.Introduction:

- **PROJECT TITLE:** COOKBOOK-Your Virtual Cooking Assistant.
- **TEAM ID:** NM2025TMID43217
- **TEAM SIZE:** 4
- **TEAM LEADER:** LAKSANA Y K
- **ROLE:** CODING AND DEVELOPMENT
- **TEAM MEMBER:** HARSHA WARDHAN M
- **ROLE:** CODING AND DEVELOPMENT
- **TEAM MEMBER:** KARTHIGA V
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- **TEAM MEMBER:** SANTHIYA S
- **ROLE:** CODING AND DEVELOPMENT

2. Project Overview

Purpose: The main purpose of the CookBook is to provide an user-friendly application for cooking variety of dishes.

Features: Key Features of CookBook include: The list of ingredients required, Detailed Procedure involved in preparing the desired dishes, Videos that describe every steps involved in preparing the dishes, and a Search functionality.

3. Architecture:

- **Component Structure:** Key Features of CookBook include: The list of ingredients required, Detailed Procedure involved in preparing the desired dishes, Videos that describe every steps involved in preparing the dishes, and a Search functionality.

- **State Management:** The Application uses the context API for Global State Management to handle the current user's session, recipe selection, favourite recipes, and user-created entries by entering their mail id.

- **Routing:** React Router is used to manage navigation between different views such as the home page, recipes page.

4. Set-up Instructions:

$\Rightarrow$ Pre-Requisites: The Required Software dependencies are Node.js and npm, React.js

$\Rightarrow$ Installation: Provide a step-by-step guide to clone the repository from GitHub. Navigate to the client directory.

- Run npm install to install dependencies.
- Configure Environment Variables for any API keys.

5. Folder Structure:

❖ **Client:** The main React Application is organized into Folders such as Components, Pages, and Assets for Images, and Video Files.

❖ **Utilities:** Helper functions for Recipe Video playing, and custom hooks for managing favourite recipes are located in this utilities folder.

❖ **Code:**

project-name/

```
public/
index.html/
favicon.ico/
src/
assets/
```