

Dept. of Computer Science and Engineering (Data Science)

Adichunchanagiri Institute of Technology, Chikkamagaluru

Mini Project Synopsis

TITLE: Recipe Finder (Dietary Recipe Finder)

Problem Statement: The Recipe Finder project seeks to create a platform where users can easily discover recipes tailored to their specific needs by filtering based on available ingredients, dietary restrictions, and cooking time. The platform should provide detailed nutritional information and offer step-by-step instructions to assist users in meal preparation.

Description: The Recipe Finder project is a web or mobile application designed to help users discover recipes based on their specific needs, preferences, and available ingredients. Users can search for recipes by inputting ingredients they have on hand, filtering by dietary preferences (such as vegan, gluten-free), cooking time, and skill level.

Expected Outcomes: Include a feature that suggest substitutes for missing ingredients, improving accessibility for users with limited pantry options.

Technologies and Tools:

- **Language:** Python, HTML, CSS, JavaScript.
- **Libraies/Framework:** Flask (for web development), React (for frontend development).
- **Hardware:** Mobile devices.
- **Database:** MongoDB

Team Members:

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Signature of the Guide with date

Signature of the Coordinator with date