A

MINI PROJECT

ON

RECIPE FINDER

Submitted

By

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SYNOPSIS

1.TITLE OF THE PROJECT:

Recipe Finder

2. INTRODUCTION:

This Project aims to create an interactive website that helps users to find recipes based on ingredients they have or preferences such as dietary restrictions, cuisine types, or cooking time.

3.PROJECT CATEGORY

Web Development.

4.TECHNOLOGIES USED:

- Frontend: HTML/CSS, React.js.
- Backend: Python(Flask), Node.js.
- Database: Using an API like Edamam, Spoonacular.

5.Benefits & Features:

5.1 *Ingredient-based Search*:

- Input: Users enter a list of ingredients they have at home.
- Output: The systrm suggests recipes that include most(or all) of those ingredients.

5.2 *Cuisine-based Search*:

- Input: Users select from various cuisines (e.g. Italian, Indian, Chinese).
- Output: The system returns recipes from that specific cuisine.

5.3 *Dietary Preferences*:

- Input: Users select preferences such as vegan, keto, gluten-free, etc.
- Output: The system returns recipes that meet those preferences.

5.4 *Time-based Search*:

- Input: Users can enter how much time they have for cooking.
- Output: The system returns recipes that fit within specified time.

5.5 *Recipe Details*:

- Each recipe includes:

- Ingredients.
- Step-by-step cooking instructions.
- Nutritional information
- Image of the dish.