

# **MINI PROJECT**

EASY COOK

*A Recipe Finder App*

**Name: Rinsha T**

**Roll No: TKM23MCA-2050**

## **ABSTRACT**

The Recipe Finder App is an innovative solution designed to assist individuals with limited cooking skills or those who struggle to decide what to cook with the ingredients they have on hand. The app offers a user-friendly interface that allows users to input their available ingredients using a simple checkbox system.

Leveraging advanced filtering options, the app provides personalized recipe suggestions that cater to various dietary preferences, cuisines, cooking times, and difficulty levels. By utilizing technologies such as Flutter for mobile app development, Django for the backend, and MySQL for data management, the app ensures a seamless user experience.

Additionally, integrating the Spoonacular API allows access to a vast database of recipes, enhancing the app's functionality. The Recipe Finder App aims to reduce food waste, promote healthier eating habits, and make cooking an enjoyable experience for all users.

## REFERENCES:

1. Wang, H., & Rajan, D. (2020). "Flutter and the Future of Mobile App Development." \*Journal of Software Engineering and Applications\*, 13(7), 245-252.
2. Holovaty, A., & Kaplan-Moss, J. (2017). \*The Definitive Guide to Django: Web Development Done Right\* (2nd ed.). Apress.
3. Sharma, K., & Kaur, G. (2021). "A Comparative Study of SQL Databases: MySQL, PostgreSQL, and SQLite." \*International Journal of Computer Science and Information Security\*, 19(3), 67-73.
4. Spoonacular API. (n.d.). "Spoonacular API Documentation." Spoonacular. Retrieved from [<https://spoonacular.com/food-api>](<https://spoonacular.com/food-api>)