

# FLAVOR FUSION

INGREDIENT TO RECIPE GENERATOR

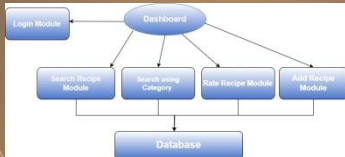
## Problem Statement:

Individuals often struggle with meal planning, leading to food waste time constraints and reliance on takeout. Existing recipe platforms are time-consuming and lack personalized suggestions based on available ingredients, making it difficult to cook efficiently.

## Objectives:

- Develop a method to suggest recipes based on user ingredients.
- Create an intuitive interface for ingredient input and recipe suggestions.
- Efficiently manage an expanding recipe database and user inputs.
- Simplify user management on the platform.

## Block Diagram:



■ Veg  
■ Non-Veg

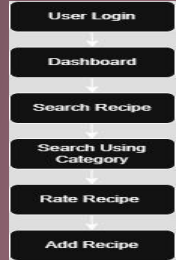


■ Positive Votes  
■ Negative votes



■ User

## Workflow:



## Key Reference:

1. Oracle Corporation: MySQL 8.0 Reference Manual.  
<https://dev.mysql.com/doc/refman/8.0/en/>.
2. Apache Software Foundation: Tkinter: Standard GUI Toolkit for Python.  
<https://docs.python.org/3/library/tkinter.html>.

## Conclusion:

In conclusion, Flavor Fusion simplifies meal planning by offering personalized recipe suggestions, making cooking more accessible and efficient for all users.