

# Our Team



## FAIZAN RIZWAN



MEHROZ SHEIKH TEAM LEAD





FAIZAN ABBAS





### MAHNOOR KHALID



## **Problem Statement**

Many people often find themselves unsure of what to cook, especially when they have specific ingredients available but lack ideas or inspiration for recipes that utilize those ingredients effectively. This leads to wasted food and a lack of variety in meals.





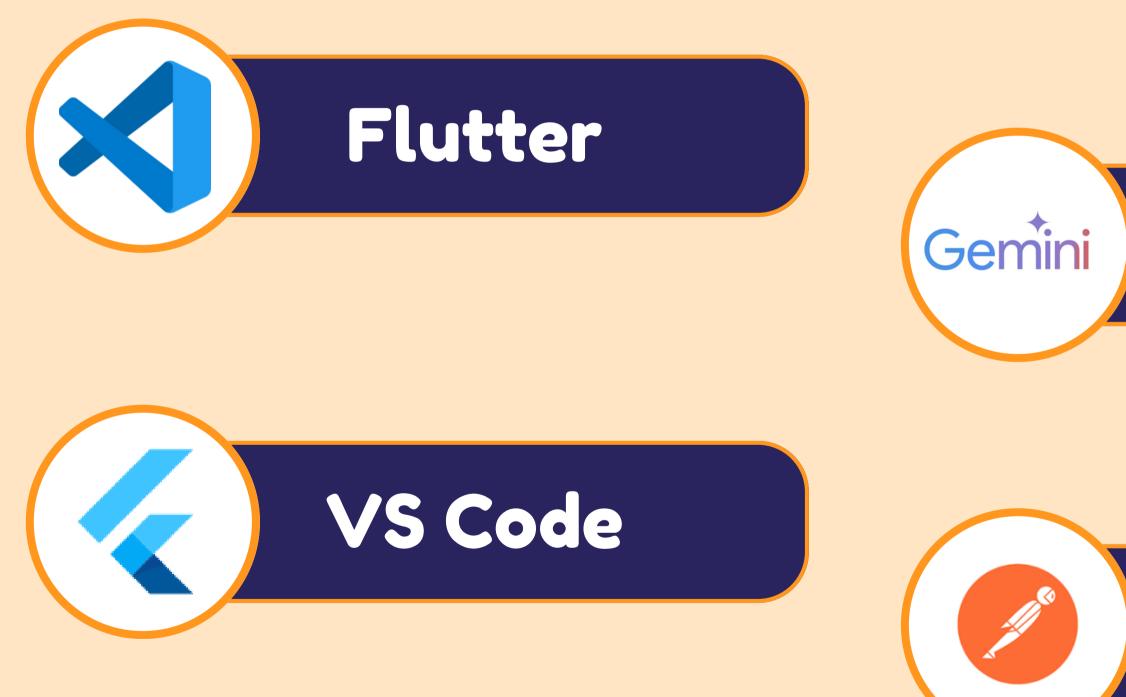
# Solution.

creativity.



• Introducing an AI recipe generator Chef Buddy powered by Gemini technology. Chef Buddy will feature a chatbot and Tools that allows users to input their available ingredients, upload images of ingredients or food, and specify dietary preferences. The system will then analyze this information using Gemini and Gemini Vision to generate personalized recipes tailored to the user's ingredients and dietary needs. This solution will help users make the most of their ingredients, reduce food waste, and encourage culinary

# **Tools & Technologies**





# Gemini Al

## Postman

## Features

Welcome to, Chef Buddy	Chef Buddy Helping you with recipes!	← Ingredients to Recipe Generate recipe from ingredients
Tools		Upload image of ingredients
		Number of people
		3
	No idea what to ask? Try these!	Diet
Chef Buddy Ingredient	What to cook today?	Vegan, Vegetarian, etc.
Chat with Chef Buddy Get Recipe		Upload image of ingredients
Suggestions	How to cook Alfredo pasta?	
What to cook today?	How to make a cheese cake?	
How to cook Alfredo pasta?	Suggest delicious recipes	
How to cook Alledo pasta?		
How to make a cheese cake?		
Suggest delicious recipes		
		Generate Recipe
	Type your message ┥	Here is your recipe
		_ 2 _
	Chat with Chef	Ingredients to
	Buddy!	Reipe.



### Food to Recipe Generate recipe from food Here is your recipe

### Lemon-Basil Chicken Pasta

### Ingredients (for 3 people):

### For the pasta:

- 1 pound (450g) linguine or fettuccine pasta
- 3 cups water
- 1/2 teaspoon salt

### For the sauce:

- 1/2 pound (225g) boneless, skinless chicken breasts, cooked and shredded
- 1/2 cup heavy cream
- 1/4 cup grated Parmesan cheese
- 1/4 cup chopped fresh basil
- 1 tablespoon lemon juice
- 1/4 teaspoon salt
- 1/4 teaspoon black pepper

### **Detailed Instructions:**

 Cook the pasta: Bring the water and salt to a boil in a large pot. Add the pasta and cook according to package directions until al dente (tender but still slightly firm to the

Food to Reipe.

3



