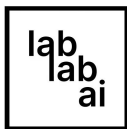


Dish Forge



Your AI-powered tool for
home cooking assistance.




LLAMA 2

Team name

Rostisseries Delgado



Meet the team



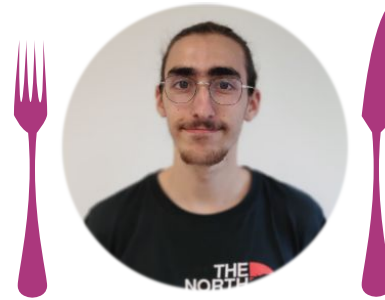
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AI Engineer



Guillem Poy

Software
Engineer



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Engineer



Index

01

Problem Statement



04

Unique Features



02

Introducing
DishForge



05

Technologies



03

How DishForge
Works

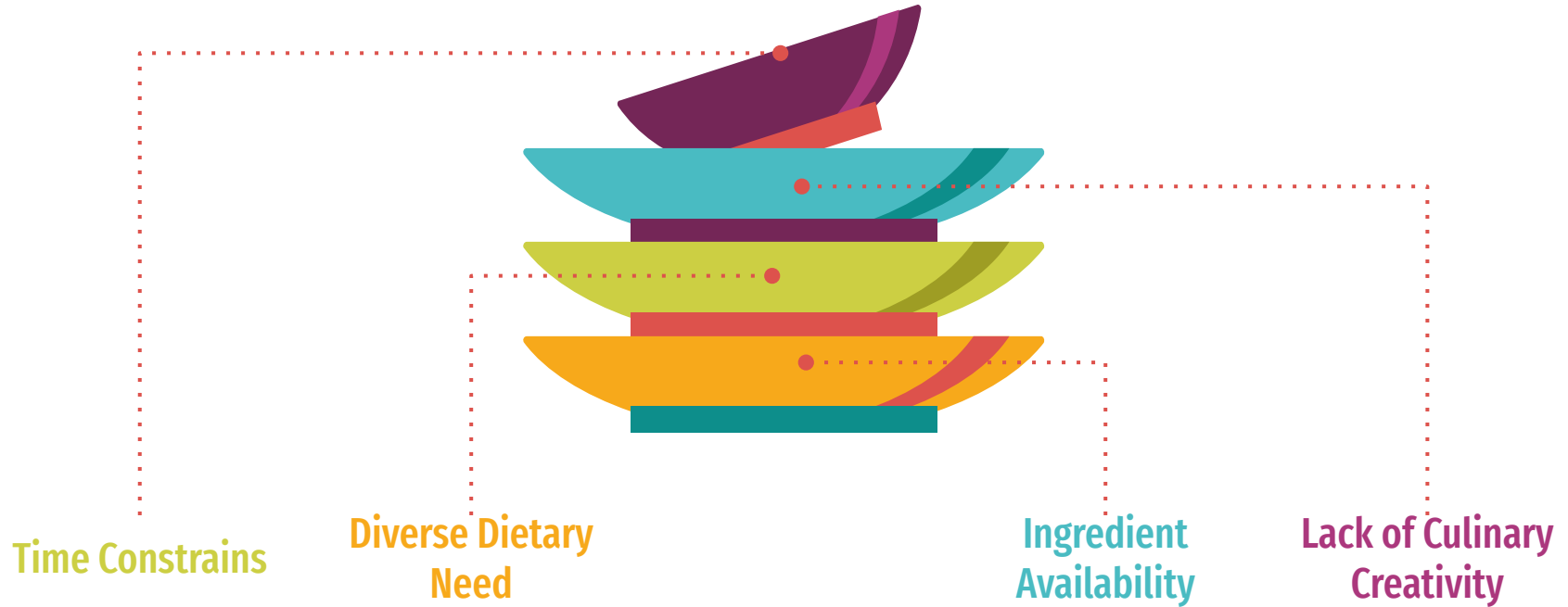


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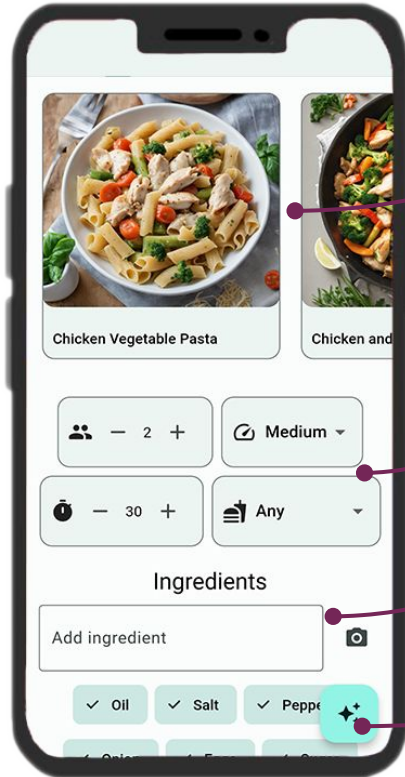
The Future Of
DishForge



Problem Statement: The culinary challenge



Introducing DishForge



Visual Recipe Presentation

Helps the user with the recipe decision by showing an image of the dish

Comprehensive and Engaging UX

Intuitive and suitable for users of different culinary skill levels

User Input and Preferences

Preferences, dietary restrictions, available ingredients, and cooking appliances

AI-Powered Recipe Generation

Combination of AI technologies as LLAMA2, Stable Diffusion and YOLO5

How DishForge Works

01

Ingredients

Input the
available
ingredients.
Photo or Typing



02

Appliances

Select the
available
appliances.
Typing



03

Diet Preferences

Select your diet
preferences.



04

Get your Recipe

Request a
recipe to get a
yummy dish!



Unique Features

Endless Recipe Generation

1

Infinite array of culinary possibilities through AI generation.

Personalized Recipes

2

Fully customizable and tailored to your own individual requirements.

Visual Recipe Representation

3

AI-generated dish image.



Chicken and Vegetable Stir-Fry

Ingredients:

- Boneless Chicken Breast (2 pieces)
- Mixed Vegetables (1 cup)
- Soy Sauce (3 tablespoons)
- Garlic (3 cloves)
- Ginger (1 piece)
- Oil (2 tablespoons)

Steps:

1

Cut the chicken into thin strips and marinate with soy sauce, garlic and ginger for 15 minutes.

Technologies



Clarifai

Backend

Prediction and
Inference of the
models



Llama 2

LLM

Recipe
generation and
formatter



YOLOv5

**Image
Recognition**

Ingredient
recognition



Stable Diffusion

**Image
Generation**

Visual
representation
of the recipes

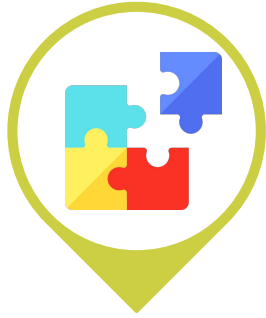


Flutter

Front-End

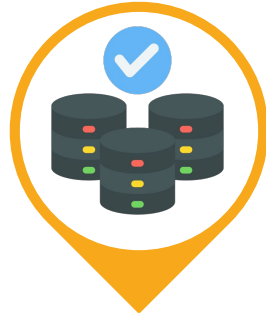
Cross-platform
framework for
good UI/UX

The Future of DishForge



Add features

Nutritional
information,
favourites, ...



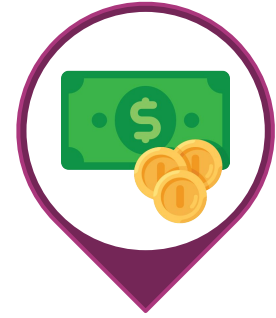
Persistence

Cloud storage
for data
persistence



Polish

Speed
inference, fluent
UI, faster
loading times, ...



Revenue

Subscription
model to unlock
premium
features

Thanks for your Attention

Happy Cooking!



Team Members

[Sergi Romero](#)

[Guillem Poy](#)

[OriolHinojo](#)

Team name

Rostisseries Delgado