



RECIPE ROULETTE

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Group 101-2



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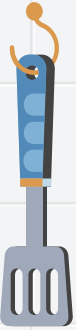
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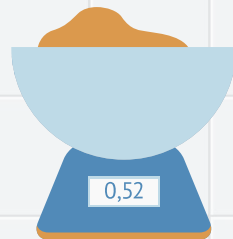
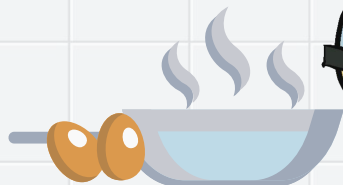


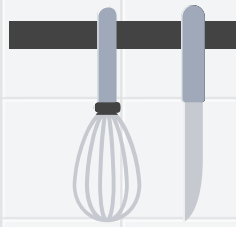
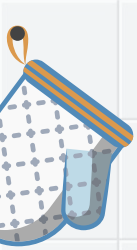


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PROBLEMS





Yearly average global food loss and waste

1/3 of the world's food

1.3 billion tons

1 trillion US dollars



45 % of all fruit and vegetables



35 % of all fish and seafood



30 % of all cereals

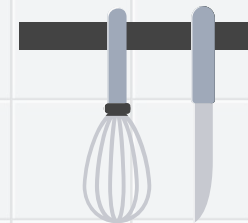


20 % of all dairy products



20 % of all meat and poultry



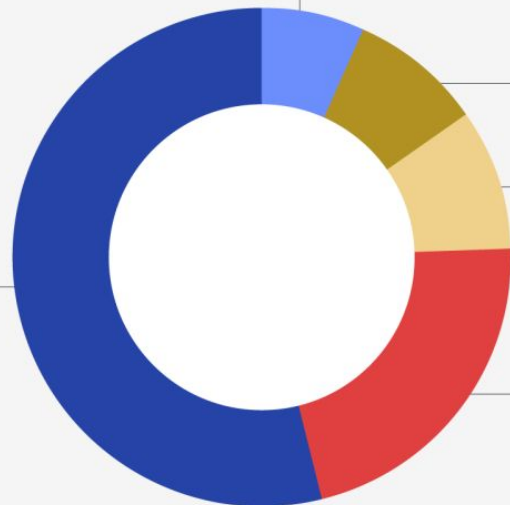


Food waste in the EU by main economic sectors, 2021

(kg per inhabitant)

TOTAL: 131 KG PER INHABITANT

70KG
HOUSEHOLDS



9KG
RETAIL AND OTHER
DISTRIBUTION OF FOOD

11KG
PRIMARY PRODUCTION

12KG
RESTAURANTS
AND FOOD SERVICES

28KG
MANUFACTURE
OF FOOD PRODUCTS AND BEVERAGES

*Data not available: Czechia, Germany, Greece, Spain, Cyprus, Malta, Romania.
Due to roundings, the sum of the values for the categories does not match the total.*

eurostat 



No cooking skills?

- Don't know how to cook
- Don't know more than 3 recipes...
- Can't seem to find the time to cook?



**Do not worry,
We have the solution!**





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APP PRESENTATION



Anyone can use us!

USER CASES:

- Don't know how to cook?
- Don't have any idea for dinner?
- Want to try things out of the ordinary?
- Feel like sharing your knowledge?



**USER
FRIENDLY**

TASTY AND NO WASTY!!



- **Scope:**
 - Turn ingredients into recipes
 - Reduce waste, enhance culinary skills
- **Aim:** Make cooking accessible and enjoyable for all ages.
- **Target users:** anyone old enough to cook (12-80)

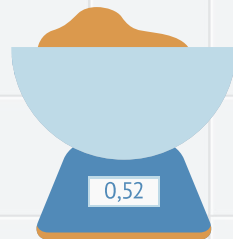
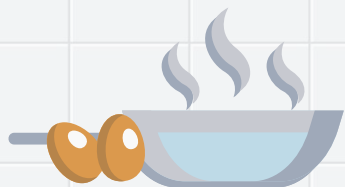




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APP FEATURES

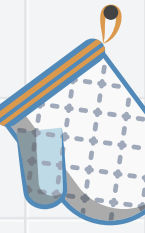




BECOME A CHEF

Avoid trouble with recipes according to what you want!

- Filter through the time of the recipe
- Filter through the levels of difficulty
- Filter through the different types of foods
- Filter through the different diets



BECOME A CHEF

A	Search by ingredients or dish
B	Advanced filtering
C	Upload your own recipes !
D	Ingredients delivery
E	Reward system

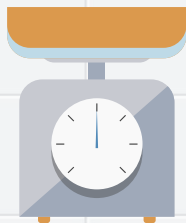


HOW DOES IT WORK?

Two modes, user mode and creator mode

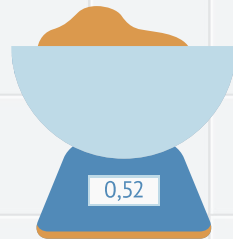
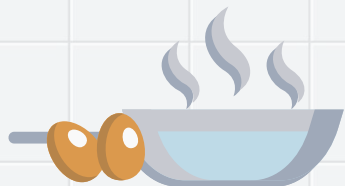
Input can be **ingredients** you can find in your kitchen (vegetables, meat, dairy products...)

Output will be a delicious **recipe** according to your filters



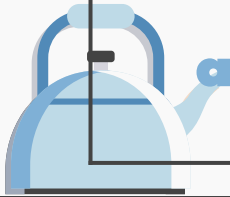
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REQUIREMENTS



MAIN FUNCTIONAL REQUIREMENTS

ACTOR	FUNCTIONALITY
User	User registration / Delete Profile Search Recipes Filter Recipes Upload, Modify, Delete Recipes Gain Points Get Discounts for Points Make Order Ingredients Track Delivery
Content administrator	Approve recipe Send Notifications Delete recipe



MAIN FUNCTIONAL REQUIREMENTS

ACTOR	FUNCTIONALITY
Delivery staff	Order Assignment Send Predetermined Notification Access to Essential Client Information Report Location
Manager	Management of Software



MAIN NON-FUNCTIONAL REQUIREMENTS

PERFORMANCE: Fast search in databases

SCALABILITY: Able to handle a growing traffic.

SECURITY: For data transmission, monetary transaction and user information.

MAINTAINABILITY: Provide future maintenance and updates.





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ARCHITECTURE



Frontend

- User interface → visually appealing design elements, intuitive navigation,
- Browse recipes, search for ingredients and manage their profiles.

Backend

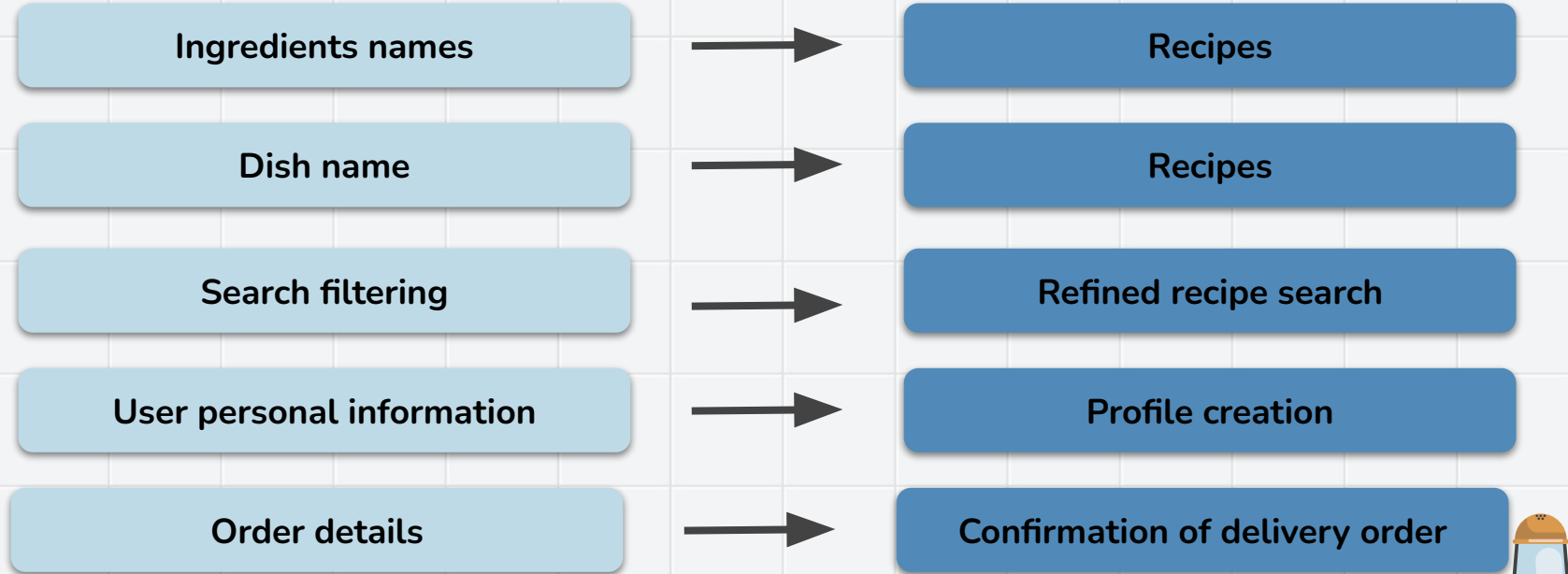
- Powers the core functionalities and manages the data processing and storage (DBMS).

Extended

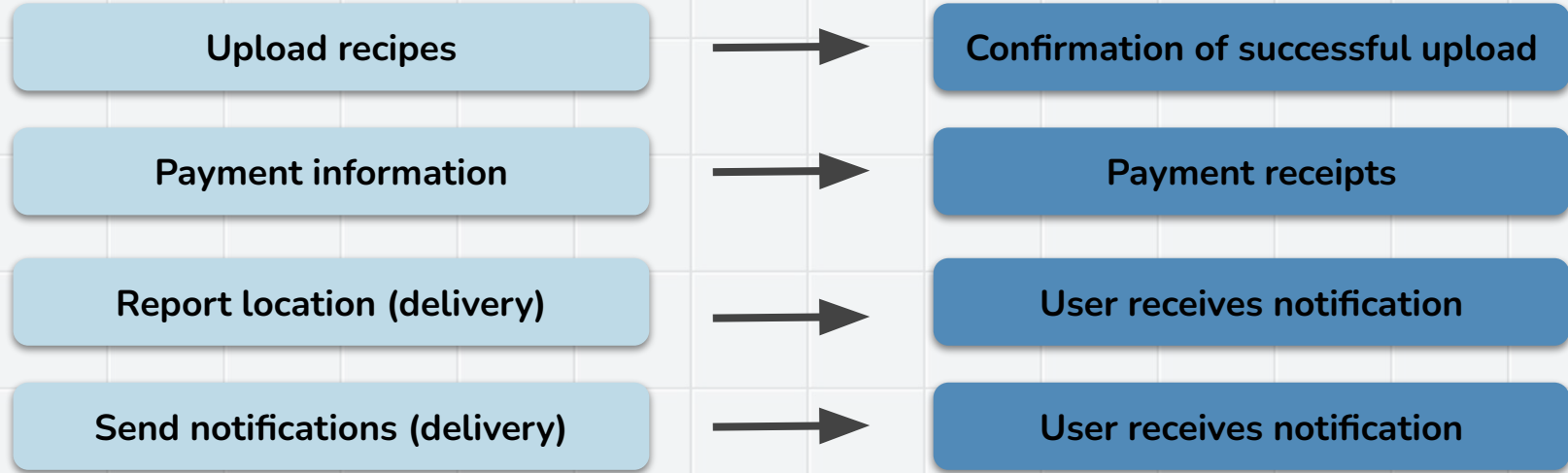
- Maps
- Supermarkets
- Payment gateways for secure transactions
- In-app messaging
- Security interfaces

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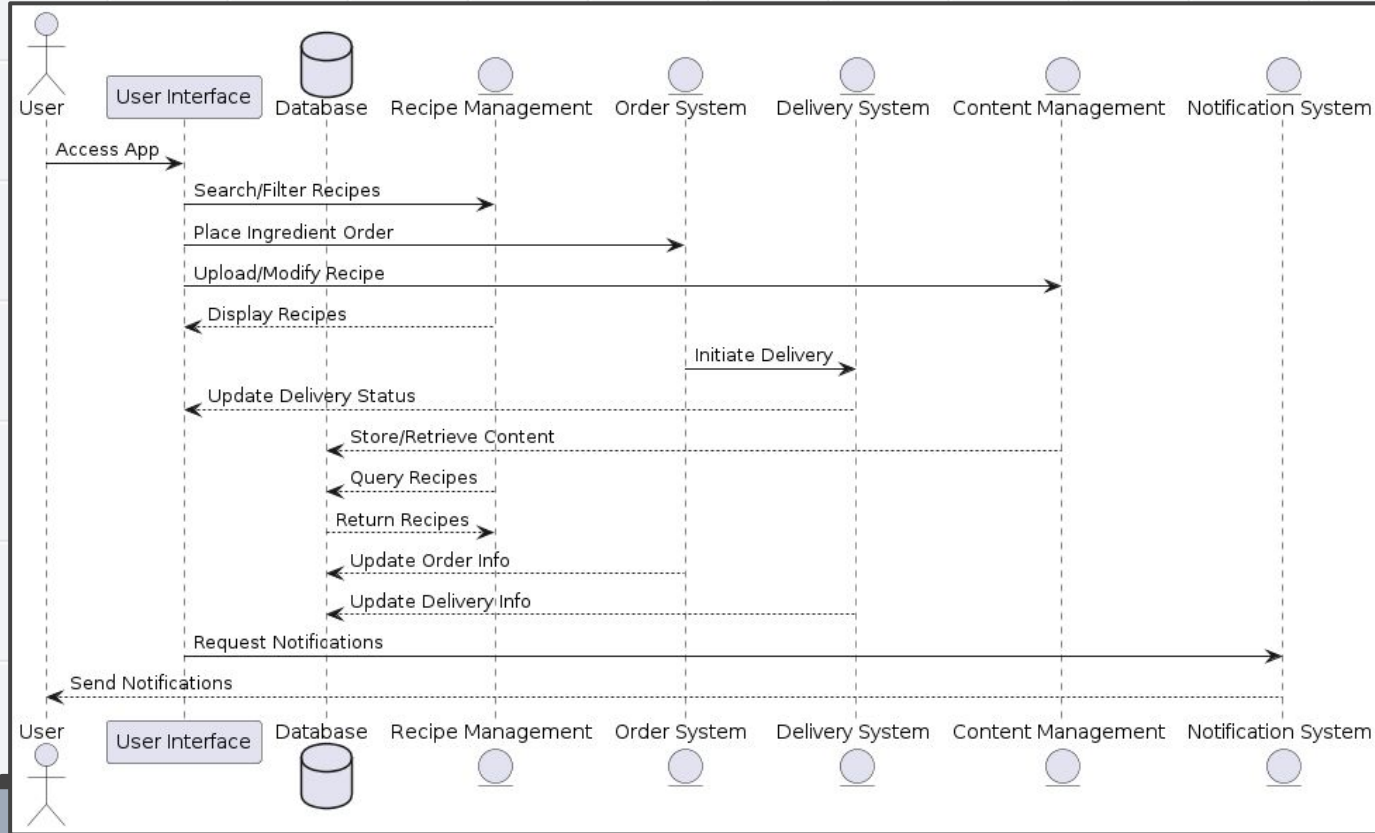
INPUTS / OUTPUTS



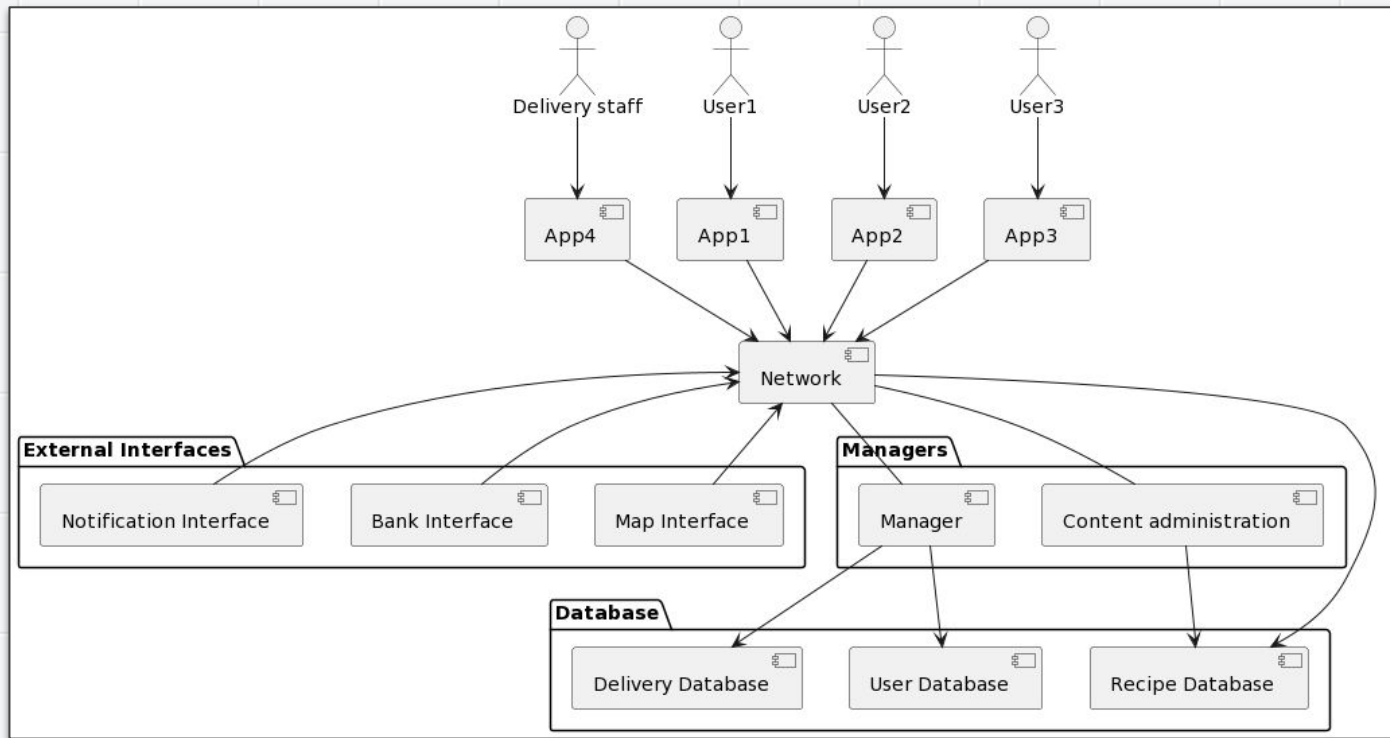
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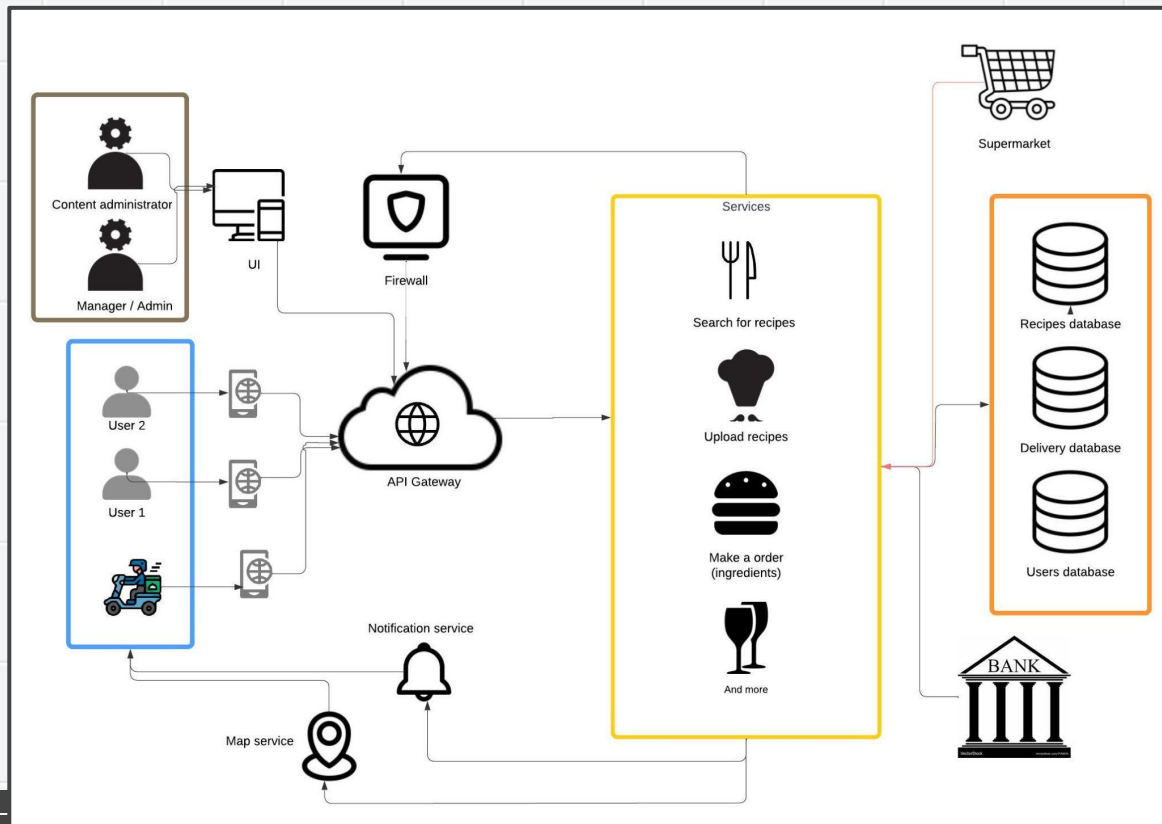
INTERACTIONS BETWEEN ACTORS



SOFTWARE ARCHITECTURE

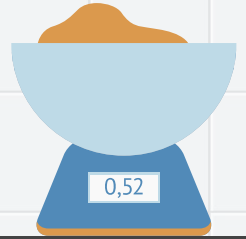


SOFTWARE ARCHITECTURE



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CONCLUSION



THANKS!

