



Check&Eat



The perfect dish for everyone!





Problem

*“Allergens must be indicated in the list of ingredients with
clear reference to name of the substance or product.”*

Commission Notice on the application of the principle of quantitative ingredients declaration (2017/C 393/05)

[illegible]



Current solution

1. DIFFICULT to handle for restaurants
2. HARD to read for users
3. Available ONLY LOCALLY





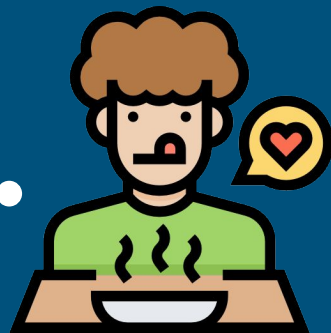
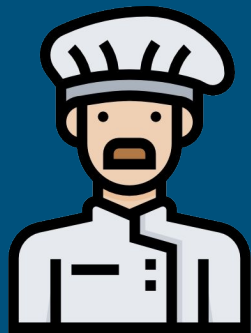
Meet *CheckEat*:



1. **SIMPLE** to handle for restaurants
2. **EASY** to read for users
3. Available **EVERYWHERE**



How does it work?





Target



Almost **33%** of the **European** population avoids **some kind** of food*.



Target



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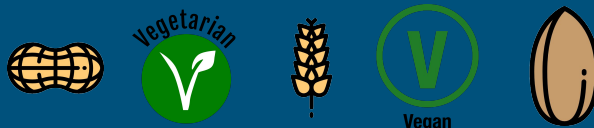
14 allergens, but **many more** diets!



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Almost **33%** of the **European** population avoids **some kind** of food*.



14 allergens, but **many more** diets!



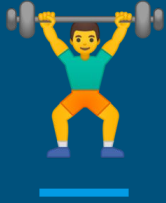
Gluten-free market is projected to be valued **7.59 Billions \$** in 2020**.

Lactose-free market is projected to be valued **5.31 Billions \$** in 2021***.

* Mills, C., van Ree, Breiteneder, *Food allergy and intolerance in Europe: Future directions within the ERA*. [IFR, Institute of Food Research](#)

** **Statista**: *Gluten-free Foods Market - Statistics & Facts*

*** **Statista**: *Lactose-free Foods Market - Statistics & Facts*



Competitors



AllergyEats



- Recommends restaurants that comply with allergen labelling
- Based on feedbacks/review
- Only US



ipiit



- Barcode scanner that check the allergens in a product
- Needs to be compatible with supermarkets
- Cannot be used in restaurants

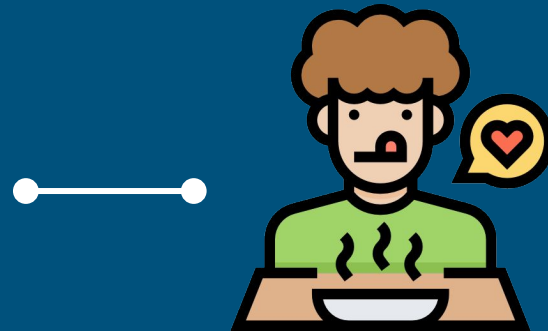
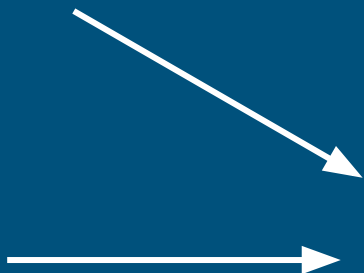
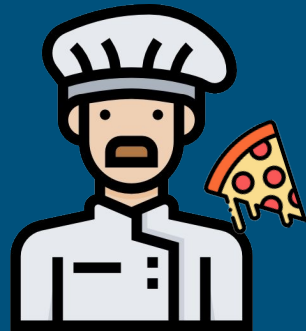


Business Model





Business Model





Business Model



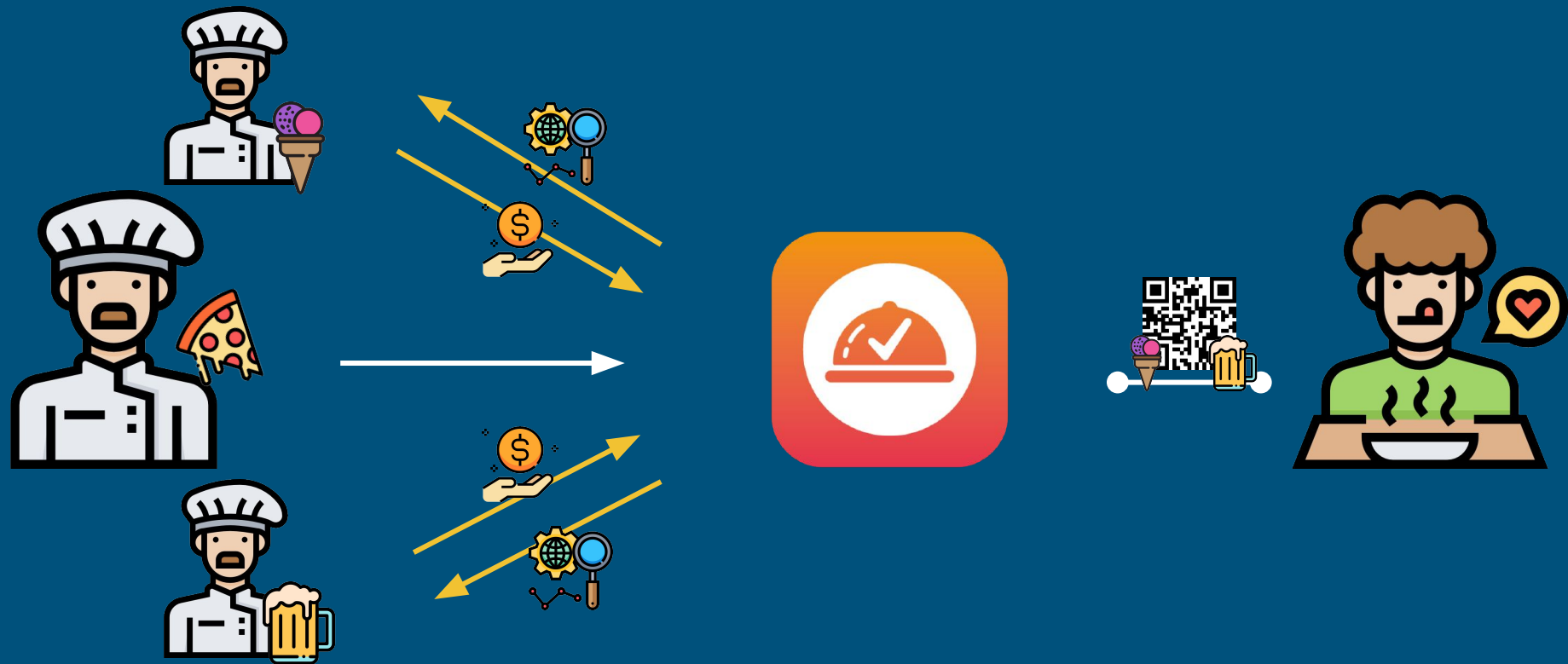


Business Model



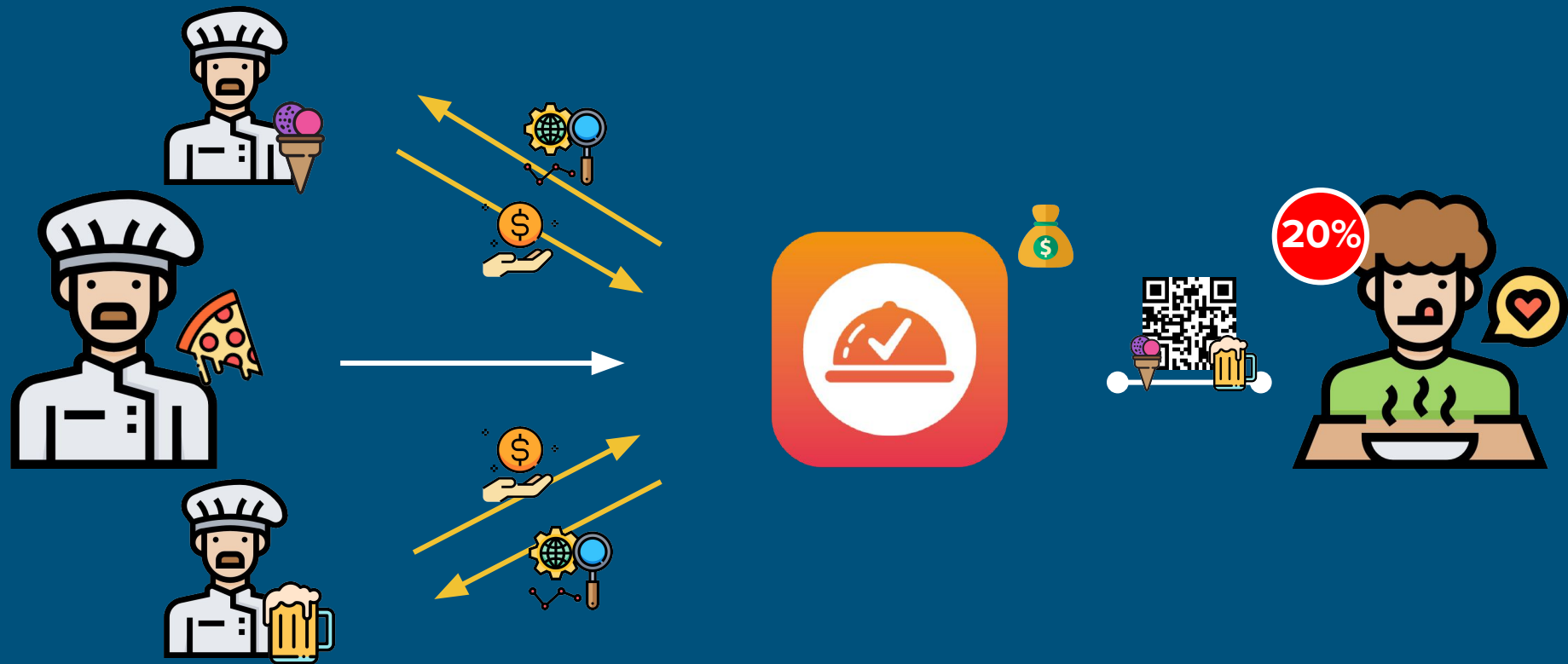


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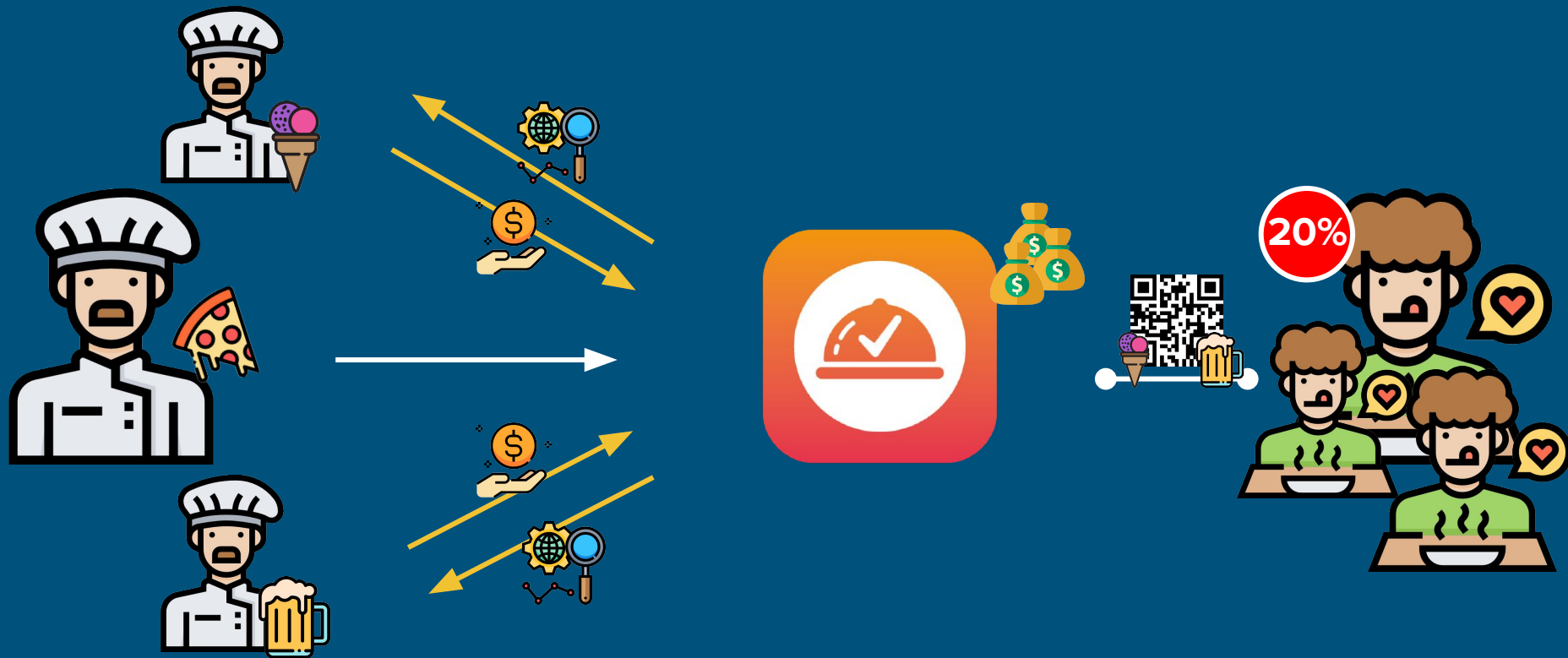


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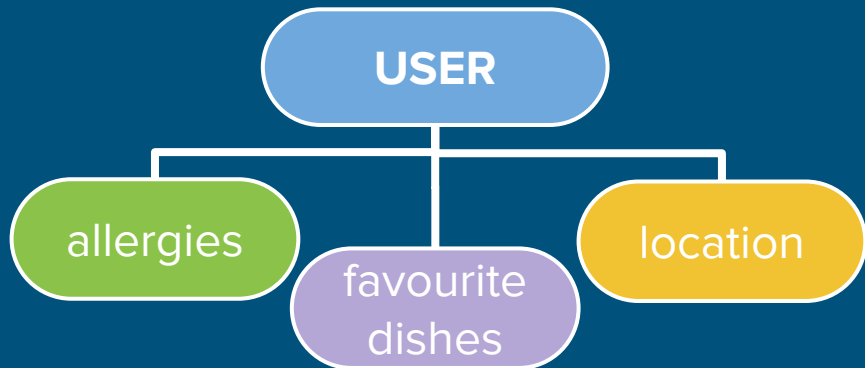


Business Model



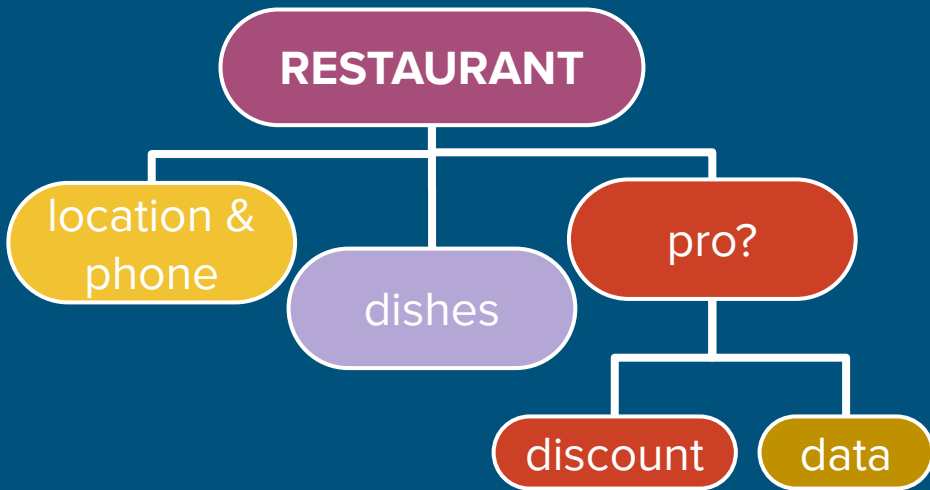
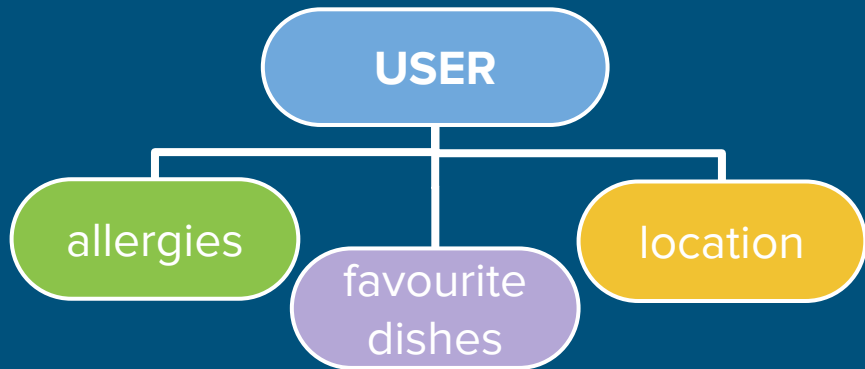


Under the hood



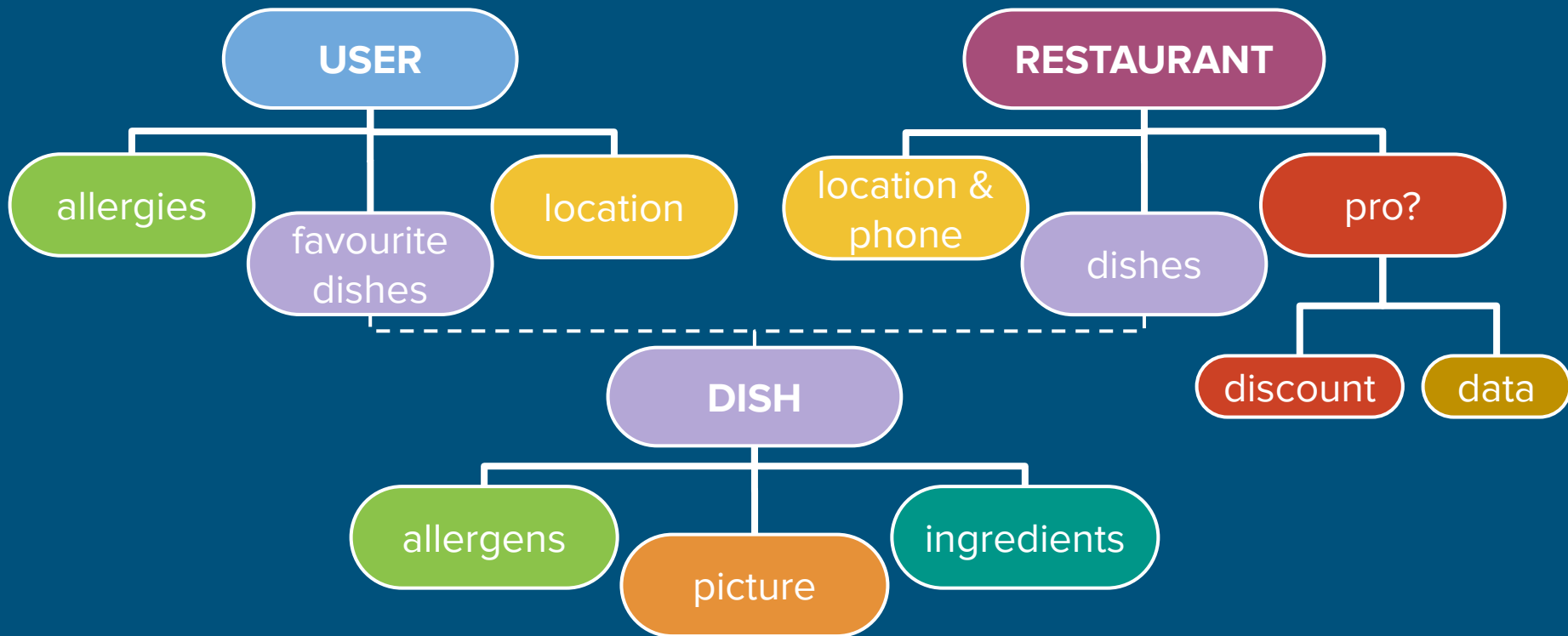


Under the hood





Under the hood





Under the hood (nerd version)

USER:

- name: String
- surname: String
- email: String
- user_id: String
- allergens: StringArray
- favourites: DishArray
- picture: url

DISH:

- name: String
- dish_id: String
- allergens: StringArray
- description: String
- ingredients: StringArray
- picture: url
- price: int
- rest_id: String

RESTAURANT:

- name: String
- rest_id: String
- description: String
- dishes: DishArray
- location: location
- picture: url
- phone: String
- (discount: int)



Under the hood



PERMISSIONS:

- Internet
- External Storage
(Read&Write)
- Location





Project status (OLD)

DONE!

- Validation
- Business model
- Data structure
- Basic workflow
- UX prototypes

To Do:

- DB interactions
- Login (Facebook & Gmail)
- Dish suggestions
- UX refinements
- General improvements



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To DO:

Professor's feedback:

- Filter dish for allergens
- Add Map view
- Remove ads and create token for discounts
- Add icons for allergens

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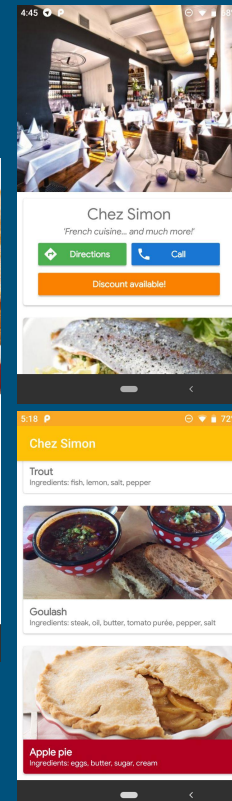
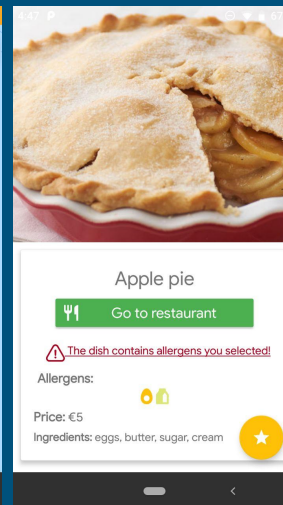
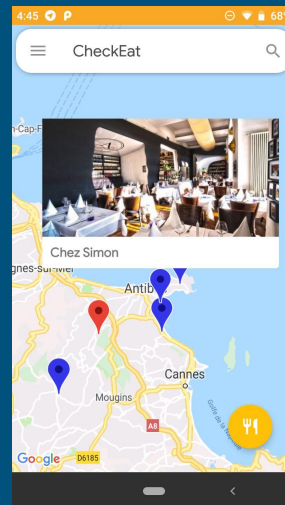
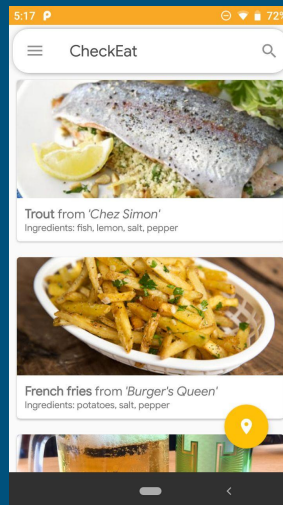
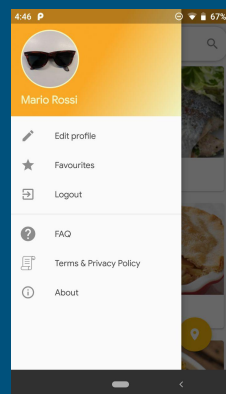
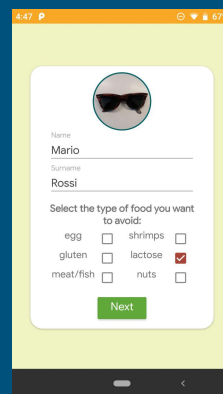
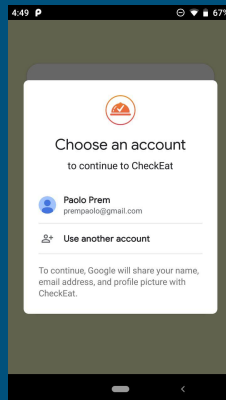
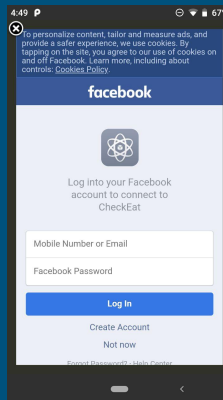
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Demo & screens





The end



Andrea Palmieri

Business developer & UX



Paolo Prem

Android developer

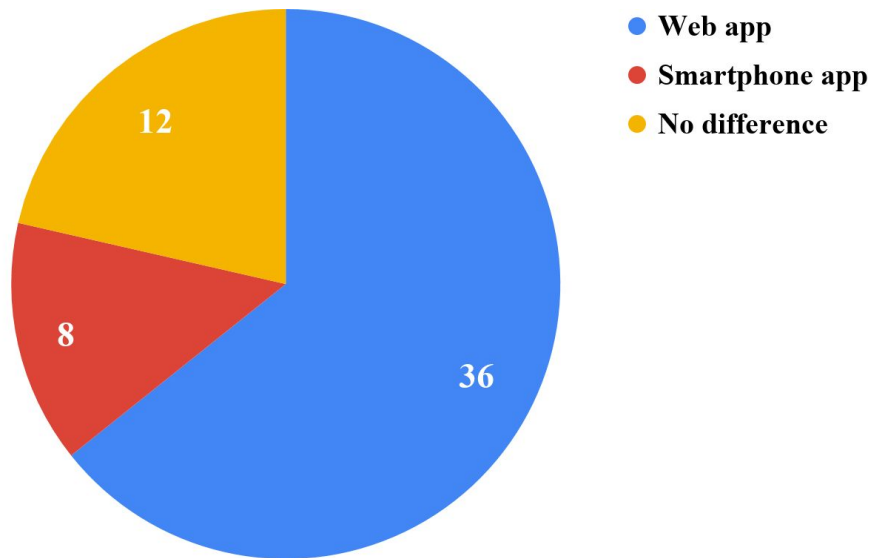


Zsolt Tujner

Backend developer

Interviews results

Would you prefer to insert allergens data with a web app or a smartphone app?



How useful do you think this app would be?

