Ingredient Tracker:

Ingreduce

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DS: Celine Zhou
UX: Alpgiray & Elsy Aranda
WD: Aljoscha Beiers, Catarina Louza & Sarita Schenkermayr

Mentor: Christoph Dansard

Brainstorming

supercook.com

cozzo.app

Minimum Viable Product

Add Ingredients **>** Select 'must use' Ingredients **>** Get Recipe Suggestions

Ingreduce & Cooking = **Reducing food waste!**

Extra Features

Get extra missing ingredients via link to an external app.

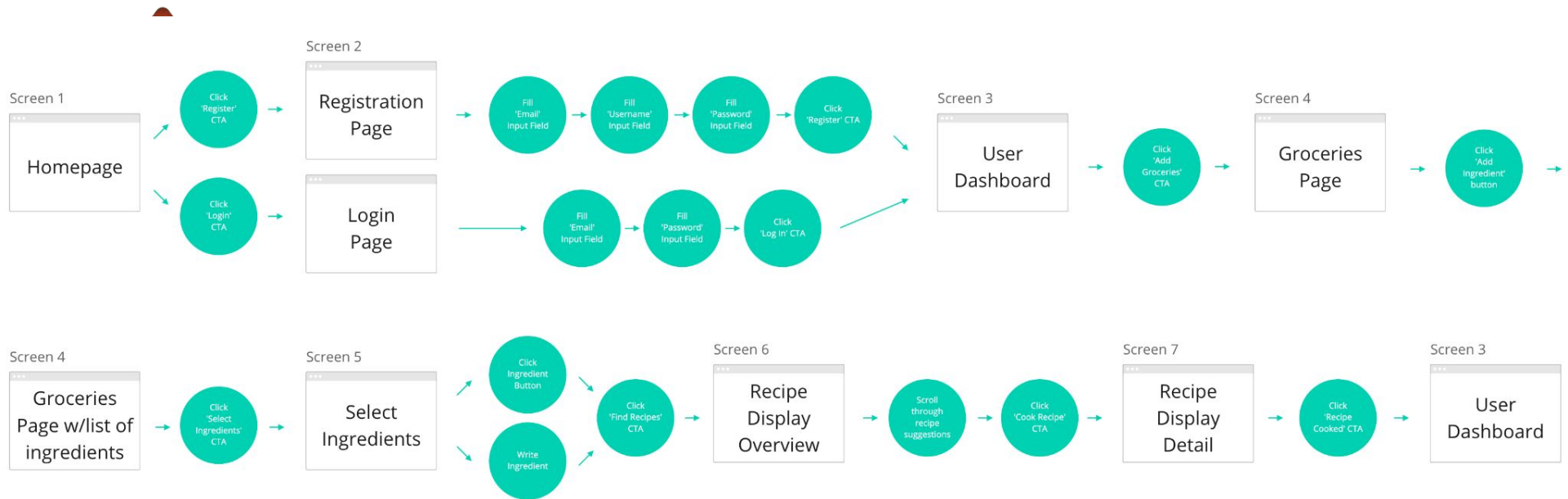Reminders for expiry date of foods.

Organise grocery shopping list.

Discovery of new recipes regardless of ingredient list.

Filter through cooking time, type of cuisine, etc.

Track groceries.

User Flow

Screen 1 — Homepage → Click 'Register' CTA → Screen 2 Registration Page → Fill 'Email' Input Field → Fill 'Username' Input Field → Fill 'Password' Input Field → Click 'Register' CTA → Screen 3 User Dashboard → Click 'Add Groceries' CTA → Screen 4 Groceries Page → Click 'Add Ingredient' button →

Click 'Login' CTA → Login Page → Fill 'Email' Input Field → Fill 'Password' Input Field → Click 'Log In' CTA →

Screen 4 Groceries Page w/list of ingredients → Click 'Select Ingredients' CTA → Screen 5 Select Ingredients → Click Ingredient Button / Write Ingredient → Click 'Find Recipes' CTA → Screen 6 Recipe Display Overview → Scroll through recipe suggestions → Click 'Cook Recipe' CTA → Screen 7 Recipe Display Detail → Click 'Recipe Cooked' CTA → Screen 3 User Dashboard

Personas & Scenarios

⚲ Female   25   years

◉ Cologne, Germany

Single

University Student

♂ Male   32   years

◉ Berlin, Germany

Single

Customer Service Agent

⚲ Female   37   years

◉ Hamburg, Germany

Project Manager

Married

Personas & Scenarios

Female   37   years

Hamburg, Germany

Project Manager

Married

Anna was invited to the park on Saturday afternoon for her friend's birthday party. She didn't have enough time for shopping, as she left the bar she was working in very late on Friday evening. When she woke up at noon on Saturday, she realized she had very little time to get ready for the party. She would prefer to make a cake from home, as it would be very expensive to buy a ready-made cake from outside. She went to the kitchen and opened the fridge. Except for a few fruits, unfinished ice cream, some peanuts and walnuts, none of the ingredients were complete. When she called her aunt, who loves to cook, she wanted to get her opinion, but she couldn't find what she was hoping for. She chatted with her roommate, wanted some ideas from him, but was unsatisfied. She opened site "our product" and chose all the materials she has. Deep in the kitchen, he found a few more perishable items. She got permission from her roommate to use these materials. She read the recipes she chose from the site. She liked the approaches of each of them, and she preferred to make an experimental cake from all the recipes she liked from the site. A cake recipe was perfect and everyone at the party enjoyed it. She added these three recipes she saw on the site to the "my recipes" tab for later use.

Personas & Scenarios

♂ Male   32   years

📍 Berlin, Germany

Single

Customer Service Agent

Ben came home from work and realized that it was 19 o'clock. He checked that he had no dinner. He opened the refrigerator and saw that there was some spinach and 200 grams of ground beef inside. Furthermore, he didn't want to prepare the same meal he prepared yesterday because he had been eating the same meal for two days. He didn't want to go down from his fourth-floor building to the grocery store, which he would reach in ten minutes on foot. He was too tired and didn't have time for shopping. He wanted to sit on his coach to watch the cycling tournament that would start in two hours. He started looking for recipes on the website he always checked, but he had tried all the recipes that came his way. He also looked at the ingredients of the recipes he did not try. He realized that he did not have enough material. He opened the "our product" site, which he heard from his friends, and took turns choosing the ingredients that were in the refrigerator. When he clicked the "recipe search button". In a short time, different recipes appeared in front of him. Filtered and sorted by preparation time. He chose the shortest one, but this was a recipe he knew before. He chose the second recipe and the recipe he hadn't known before. He looked at the materials needed. Except for one missing, he had everything he had to cook the meal. There was a suggestion for the missing one and he liked it. He cooked his dinner and watched the bike race with his new style spinach.
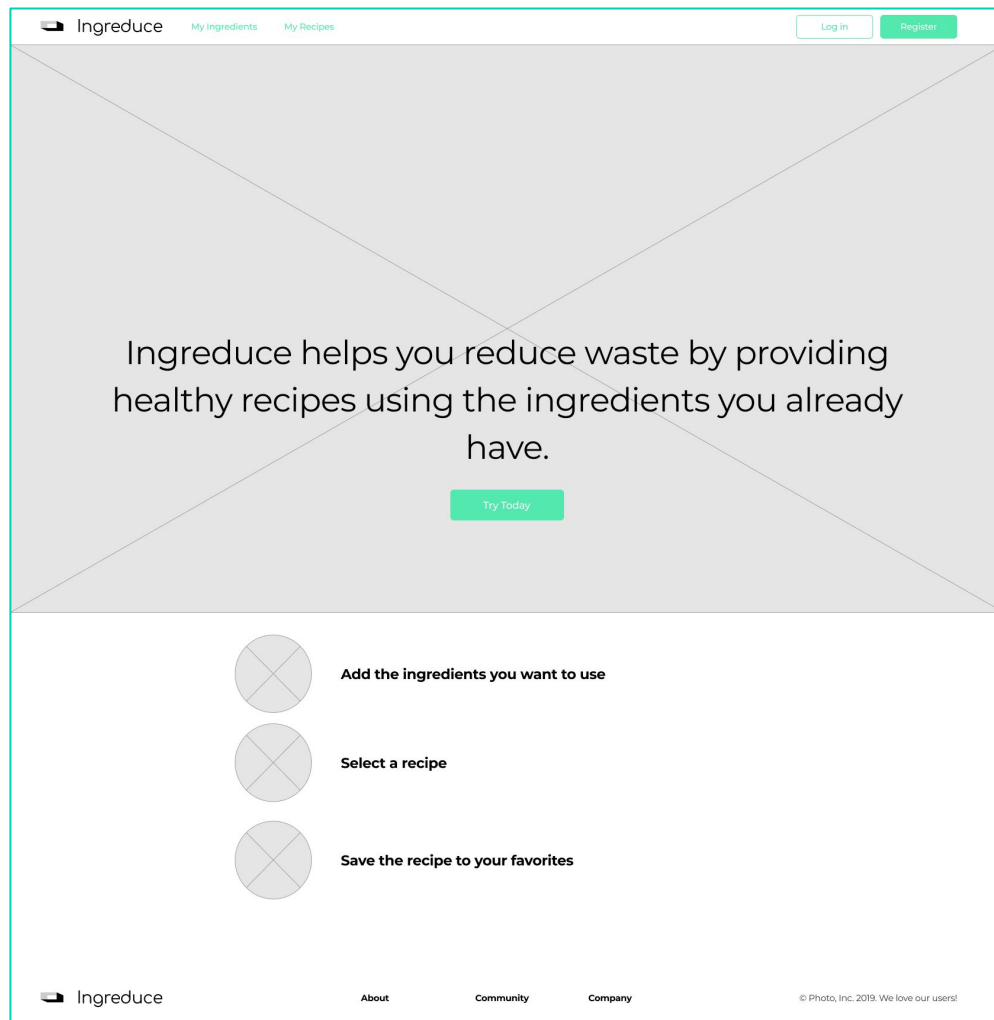
Personas & Scenarios

Larissa picked up her children from school and came home. After taking care of them in their room, she opened the fridge to cook dinner. She asked what food their children would like to eat. Besides what the kids wanted, there were a few other healthy meal options for them, but there are not enough ingredients. For these, she texted her husband the shopping list. Within a few hours, when her husband came home with bags, they realized that several items of the list were missing. It was too late to reorder, and everyone in the house was pretty hungry. That's why they launched the "our product" website. She researched a few possible recipes to make the dish the kids wanted. She chose one of the recipes she found. In addition, she found another recipe that included a few perishable vegetables. Together with her husband, they completed the meal in a short time, although the ingredients were missing.

Female   25   years
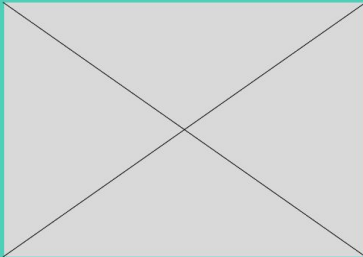
Cologne, Germany

Single

University Student

Wireframes

Ingreduce   My Ingredients   My Recipes

Log in   Register

Ingreduce helps you reduce waste by providing healthy recipes using the ingredients you already have.

Try Today

Add the ingredients you want to use

Select a recipe

Save the recipe to your favorites

Ingreduce

About   Community   Company

© Photo, Inc. 2019. We love our users!

Wireframes

Ingreduce

My Ingredients   My Recipes   Log in   Register
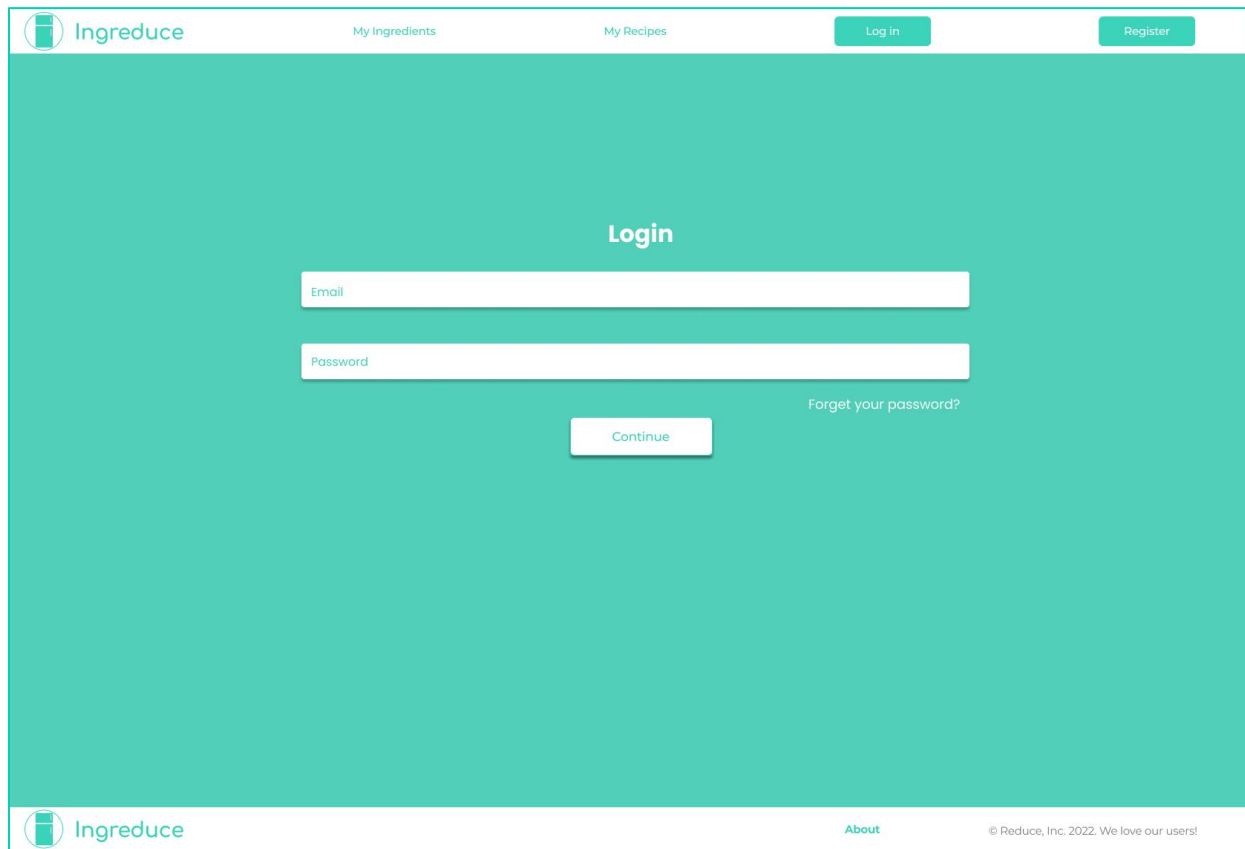
Set up your account

Happy to have you with us! Please register so we can keep your available groceries up to date.

Name

Email

Confirm Email

Password

Confirm Password

Continue

Wireframes

Ingreduce

My Ingredients   My Recipes   Log in   Register

Login

Email

Password

Forget your password?

Continue

Ingreduce

About   © Reduce, Inc. 2022. We love our users!

Wireframes

Ingreduce

My Ingredients

My Recipes

My Account

Log Out

-Congratulations message-
Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy

Save Recipe

Text

Share

Ingreduce

About

© Reduce, Inc. 2022. We love our users!
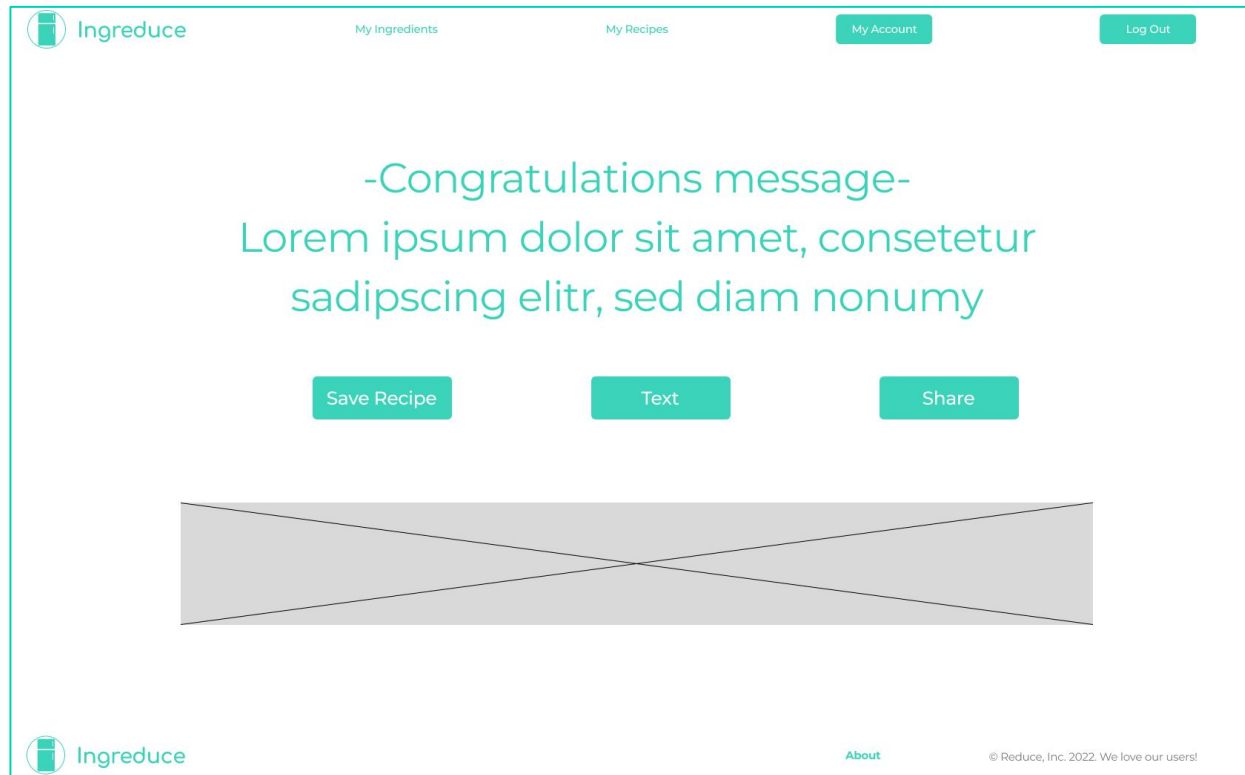
Building components

Header

Registration Form

Login Form

Grocery Search

Ingredient Search

Grocery List

Ingreduce

My Ingredients   My Recipes

Log in   **Register**

Search

🔍 search ingredient

My Groceries

butter ✕

wheat flour ✕

Registration Form

Register to save ingredients and recipes to your Ingreduce dashboard.

Username

Username

Email

Email

Password

Password

Confirm Password

Confirm Password

☐ I agree with the Terms & Conditions.

Register

Login

Email

Email

Password

Password

Forgot password?

Login

OR

G Login with Google

f Login with Facebook

🐦 Login with Twitter

Not a member yet? Register here.

V2

Login

Email

Email

Password

Password

Forgot password?

Login

Or Login Using:

Facebook   Google

Not a member yet? Register here.

V1

Setting up Firebase and Express.js

Firebase is an app/website development platform by Google

Easy integration with iOS, Android and web

helps with

BUILDING
RELEASING/MONITORING
ENGAGING

BUILD PRODUCTS

Installation and initialisation of Firebase in repository

Adjustment of folder structure to give Firebase access to frontend files
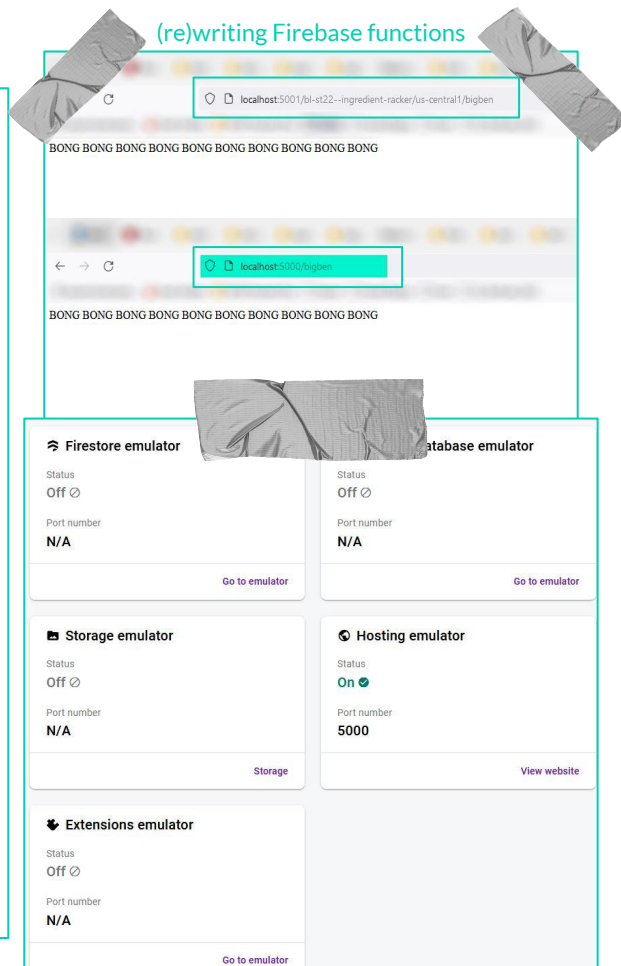
Connection of Express.js to Firebase functions for more complex web app capabilities

Test locally with Firebase emulators (with functions enabled) or preview all static content online

Ingreduce

(re)writing Firebase functions

localhost:5001/bl-st22--ingredient-racker/us-central1/bigben

BONG BONG BONG BONG BONG BONG BONG BONG BONG BONG BONG

localhost:5000/bigben

BONG BONG BONG BONG BONG BONG BONG BONG BONG BONG BONG

🔥 Firestore emulator	🗄️ ...atabase emulator
Status	Status
Off ⊘	Off ⊘
Port number	Port number
N/A	N/A
Go to emulator	Go to emulator

📦 Storage emulator	🌐 Hosting emulator
Status	Status
Off ⊘	On ✅
Port number	Port number
N/A	5000
Storage	View website

🧩 Extensions emulator	
Status	
Off ⊘	
Port number	
N/A	
Go to emulator	

Emulator suite

Data Set

From allrecipes.com we can scrape for our database:

Recipe URL,	Servings,
Recipe Name,	Ingredients,
Prep time,	Directions,
Cook time,	Type of cuisine,
Total time,	Nutritional information.

Thank you! 🥨

Celine Zhou, Alpgiray, Elsy Aranda, Aljoscha Beiers, Catarina Louza & Sarita Schenkermayr. Mentor: Christoph Dansard

Mid-Term Presentation, June 21st

TechLabs Berlin, ST-22