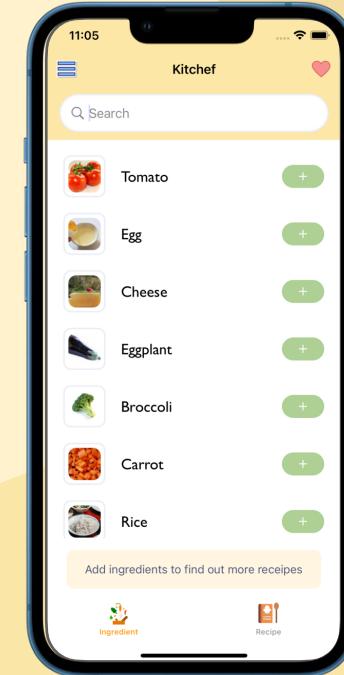


Kitchef

呂晨汝 (107AB0703)

黃芷若 (110012002)



01

App Name & Motivation





App Name

Logo

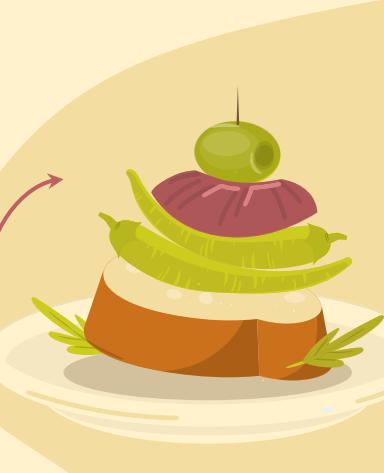
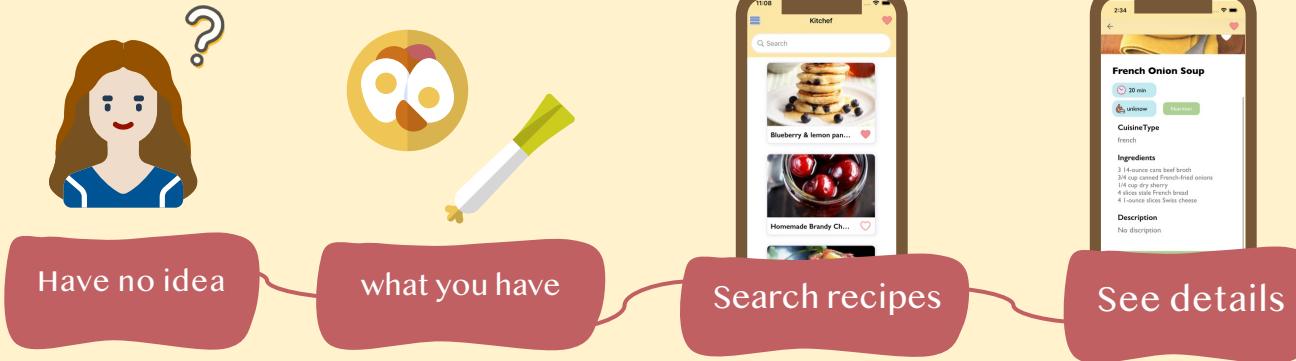
KITCHEF



Motivation



- We often open the fridge and stand in front of the fridge for a very long time thinking what can we cook with all those ingredients. To solve this problem, we made an application called Kitchef.
- The user can search the recipe by ingredients to prevent the problem of having the perfect recipe for the meal but missing few ingredients.

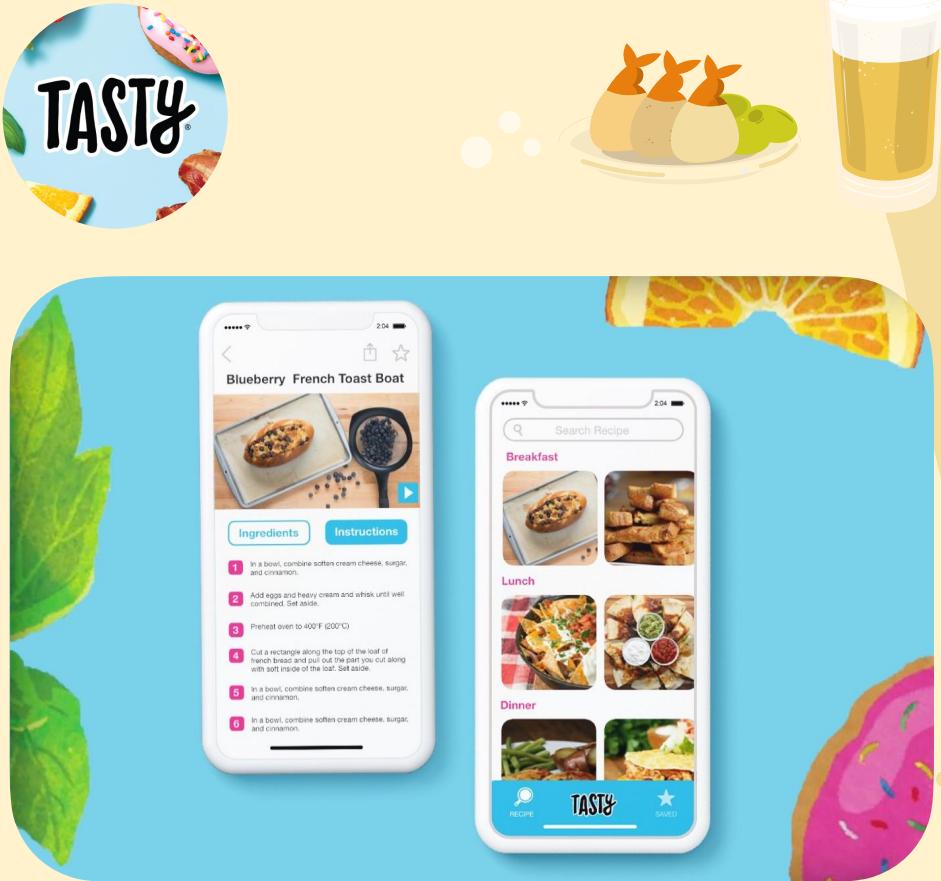


02

Similar App

Similar apps

- **App:** Tasty
- **Features:** Searching for recipes
- **What do we like:**
 - UI design
 - Categorized recipes
 - Instructions with video
- **Difference:**
 - **Get a list of recipes with ingredients added by users.**
 - **Add your own recipe.**



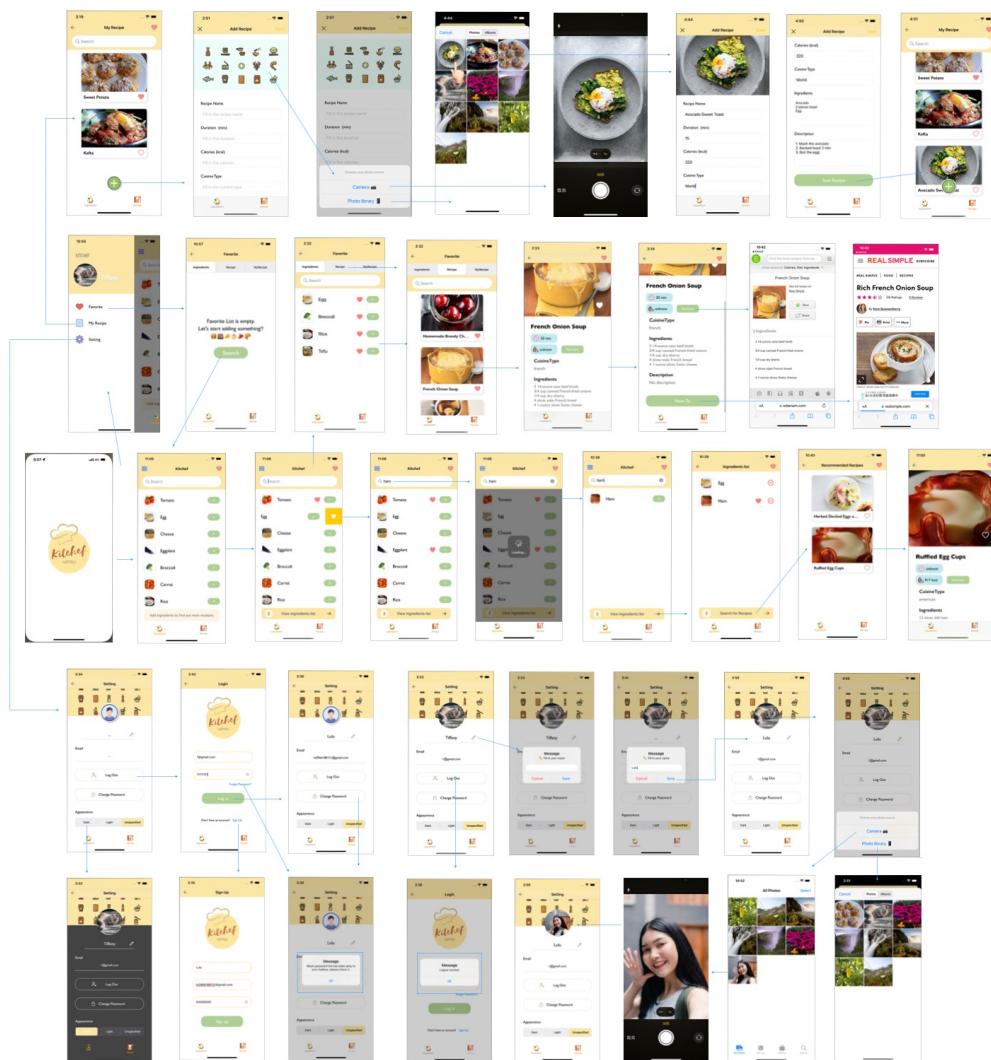
03

Prototype

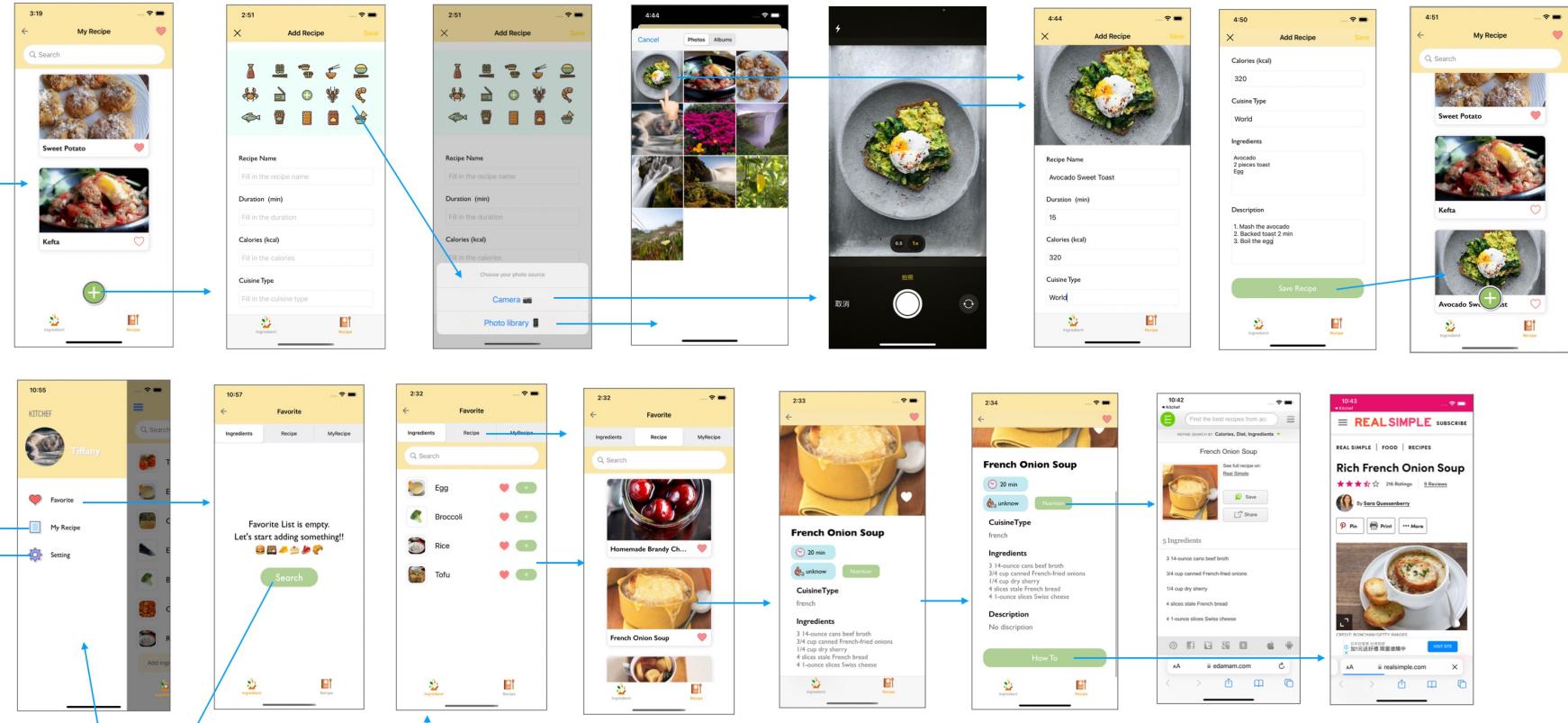


Prototype

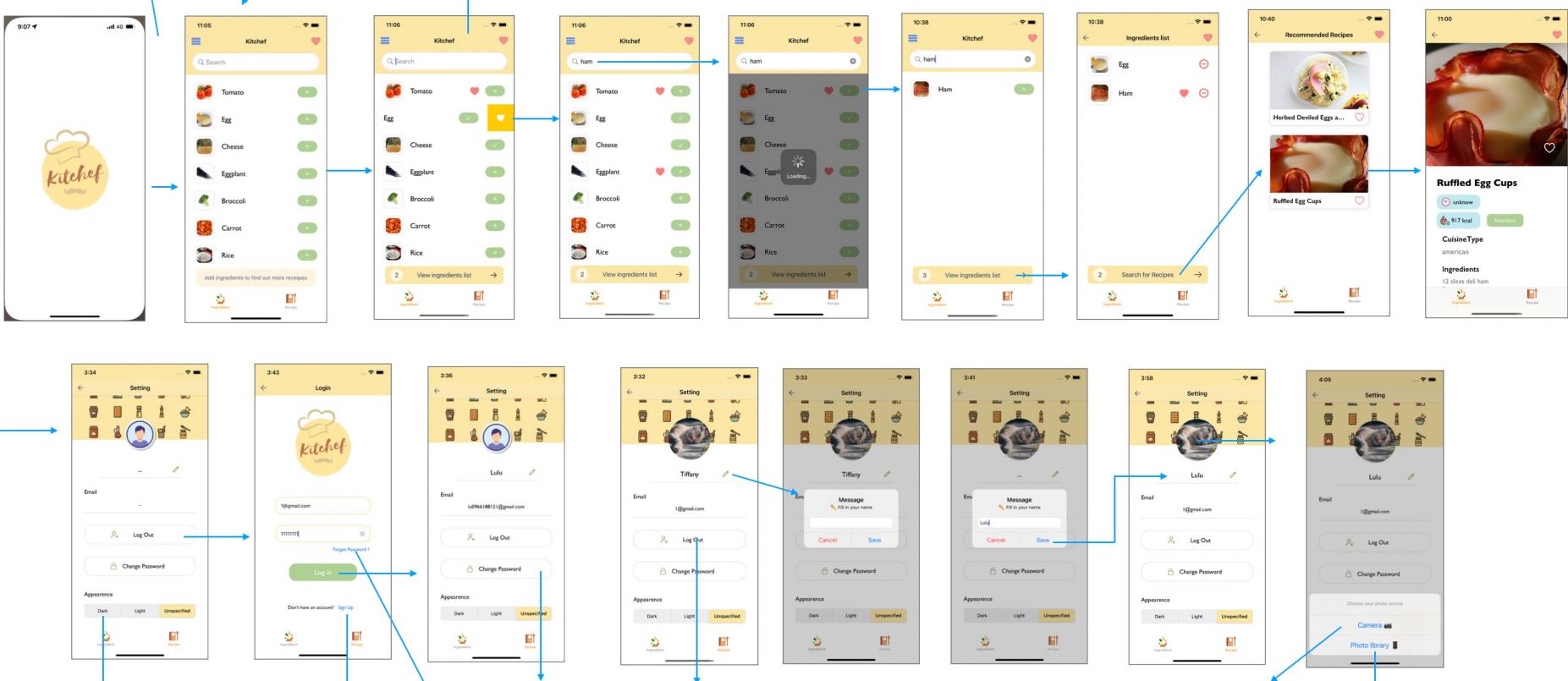
All



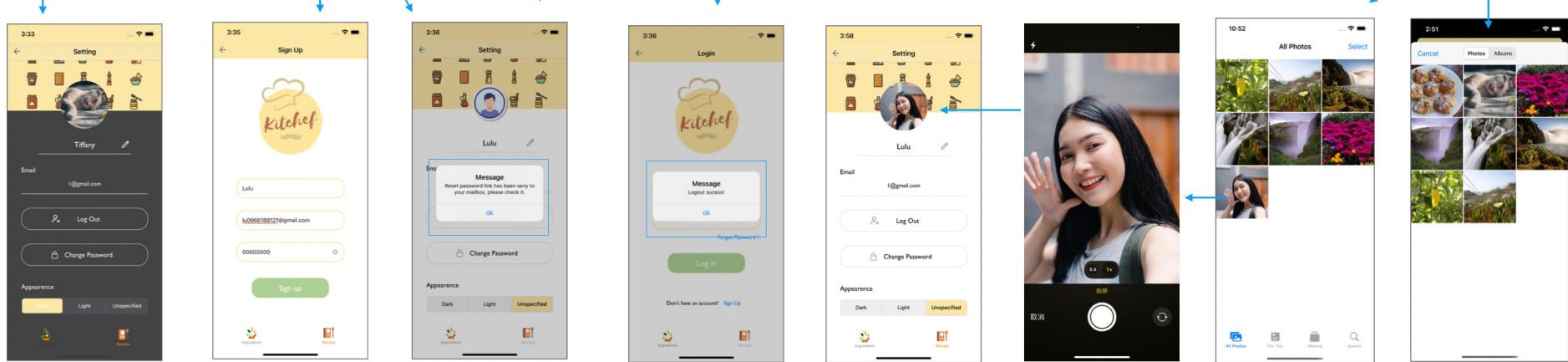
Prototype 1



Prototype 2



Prototype 3



04

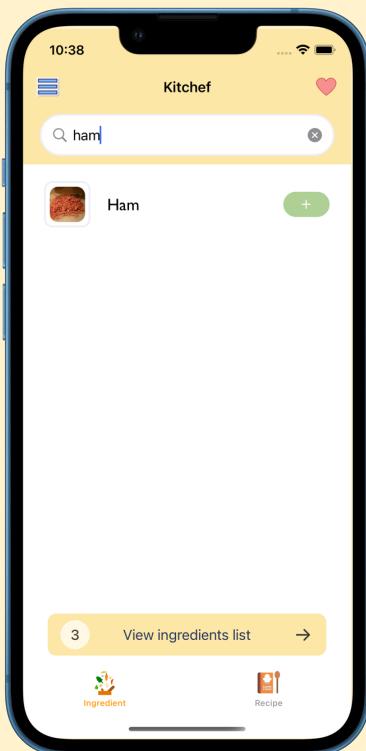
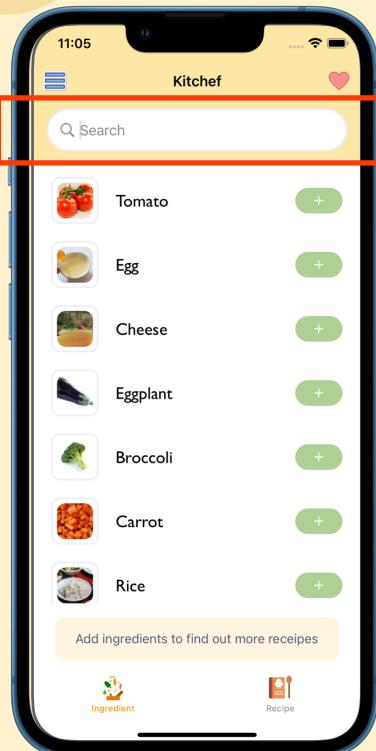
Features

The app will have the following features



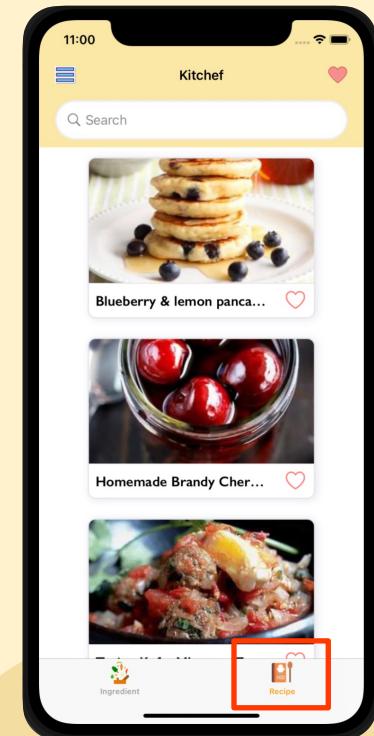
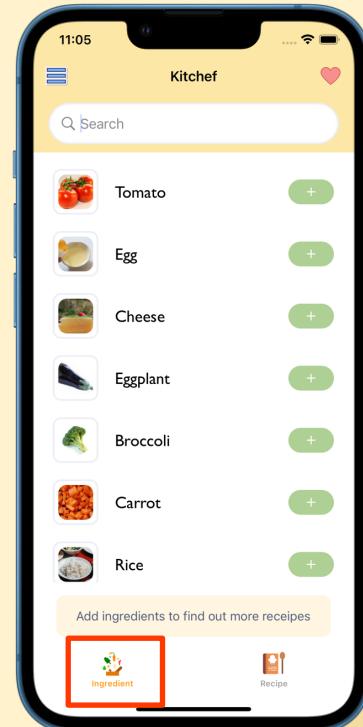
Feature 1

Search bar to find the ingredient or recipe.



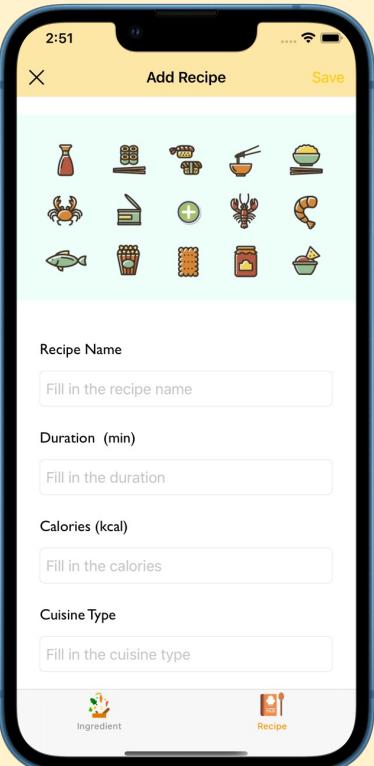
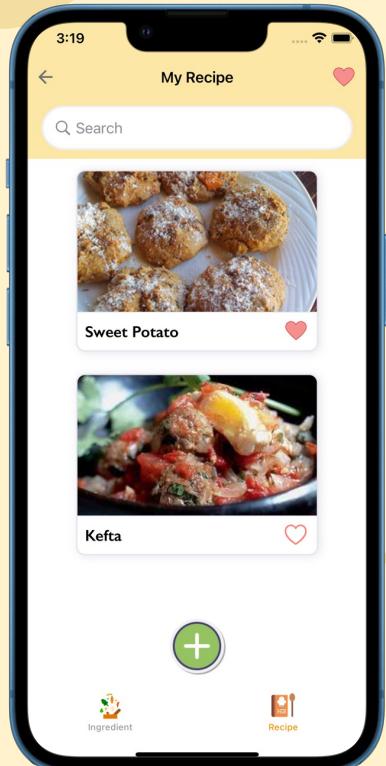
Feature 2

Tab bar to switch the search from searching by ingredient or searching by recipe.



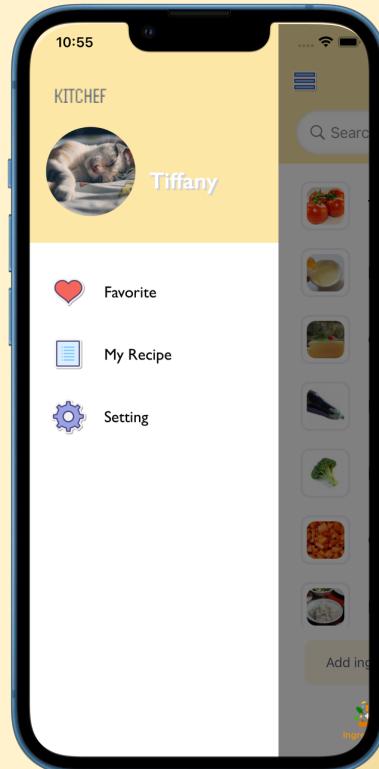
Feature 3

Create your own recipe.



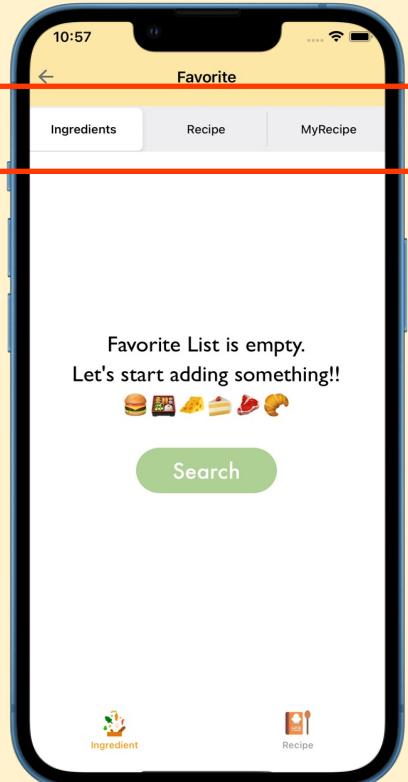
Feature 4

Side menu to show user info and to switch different pages easily.



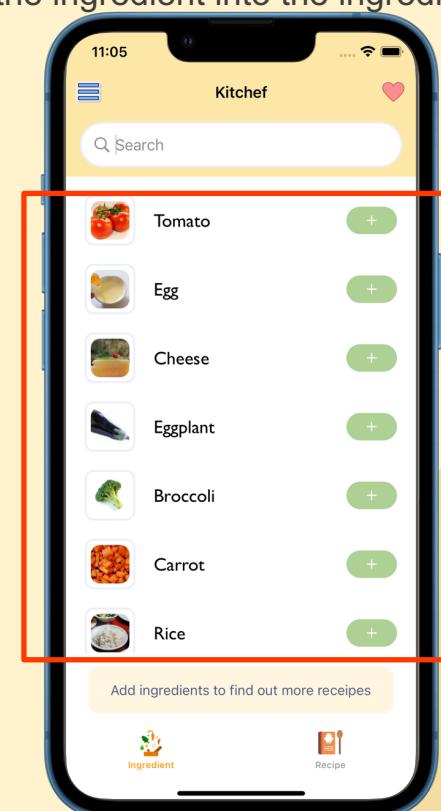
Feature 5

Favorite page allowing user to switch between tabs to view favorite ingredients, recipes and their own recipe.



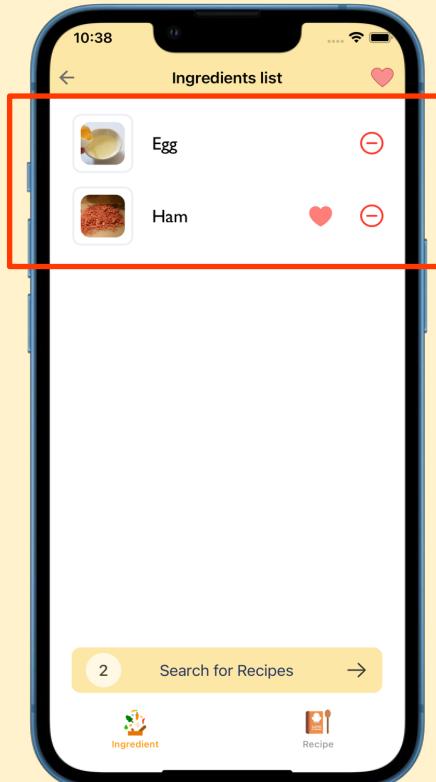
Feature 6

A **custom view** of ingredients and a button to add the ingredient into the ingredient list.



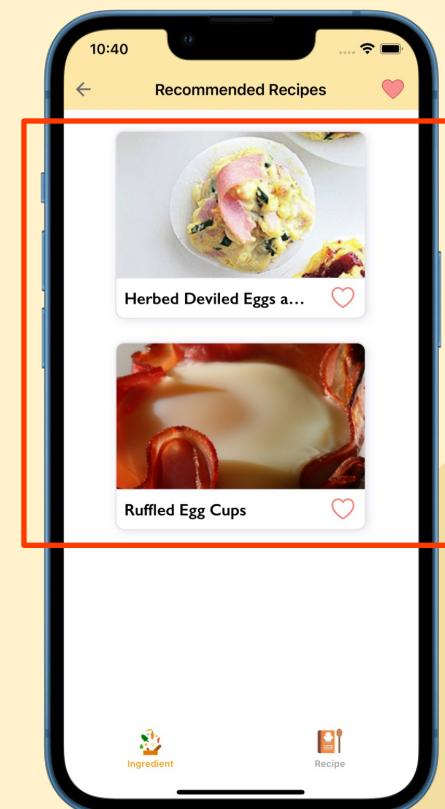
Feature 7

A **custom view** of added ingredients with a button to remove the ingredient from the added ingredient list.



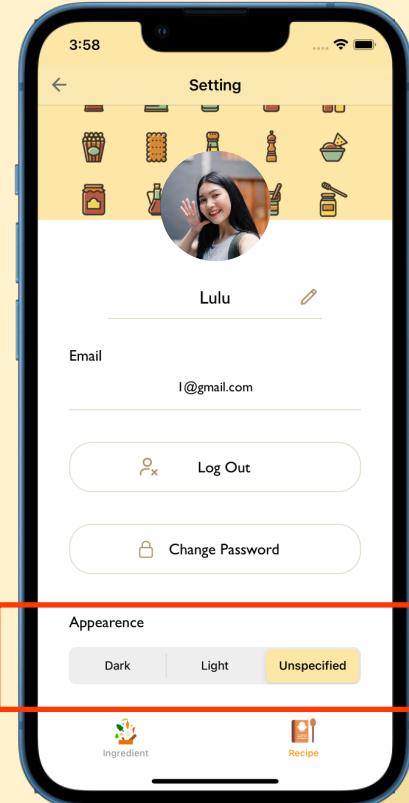
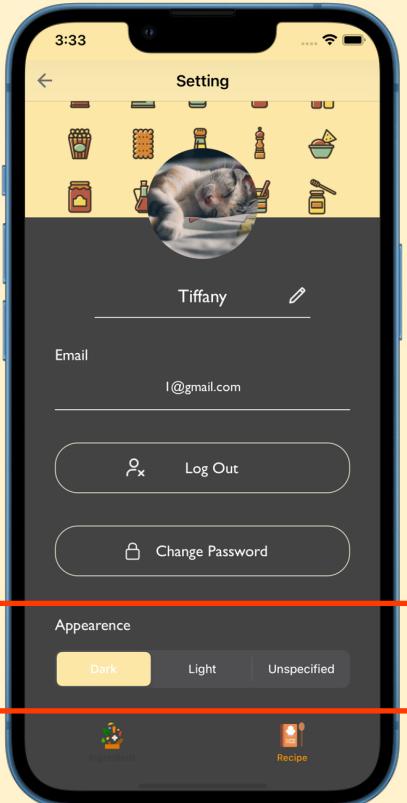
Feature 8

A **custom view** with all recommended recipes.



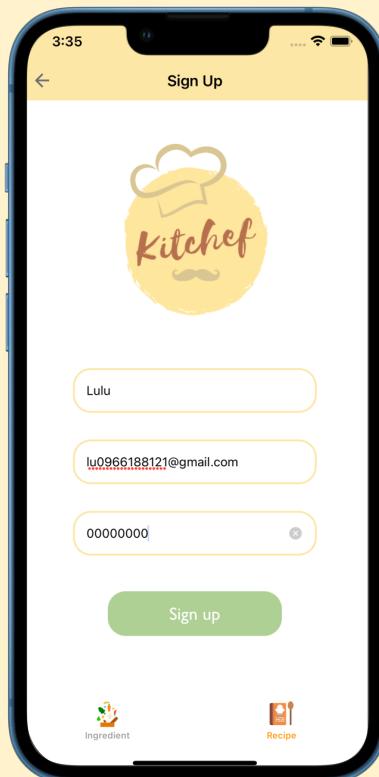
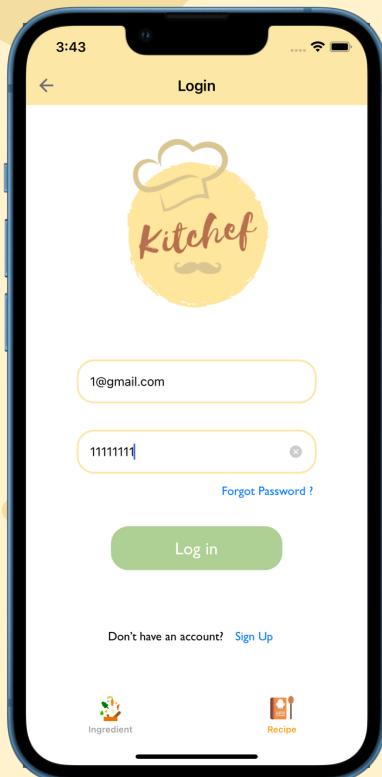
Feature 9

Dark or light mode



Feature 10

Login and Signup. Using Firebase Authentication to management user account and save user info. (reset password, display name, user image)



Kitchef-iOS ➔

Authentication

Users Sign-in method Templates Usage

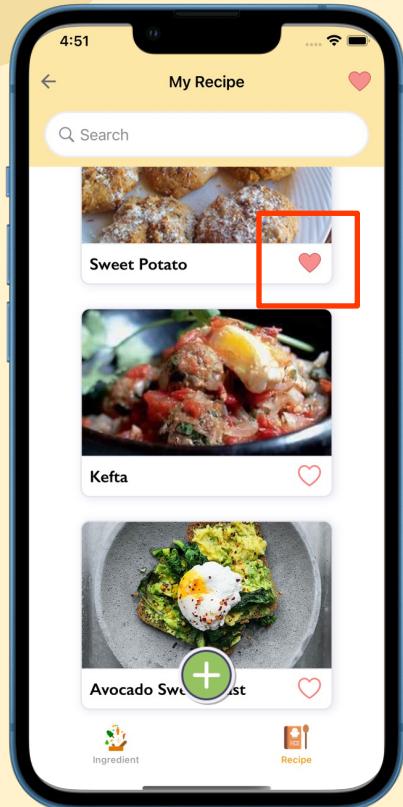
Identifier	Providers	Created	Signed In	User UID
ketty@gmail.com	✉️	Jun 24, 2022	Jun 24, 2022	Pkq5uYheClZj5Elwe2wQ03vJKap1
judy@gmail.com	✉️	Jun 24, 2022	Jun 24, 2022	IWoZ5Z4jblyPyKG0bB2byYmOjr2
lu0966188121@gmail.com	✉️	Jun 24, 2022	Jun 24, 2022	Lnfai5Ff7Zd46VmqtGDM96qh2

Search by email address, phone number, or user UID Add user ⚙️ ⋮

Feature 11

A **heart shaped icon** to save recipe or ingredient into favorite.

Store user's favorite ingredients and recipes into **Firebase Storage**.



Cloud Firestore

Data Rules Indexes Usage

kitchef-ios users Pkq5uYheC1Zj5ELwe2wQ03vJKAp1

+ Start collection + Add document + Start collection

users D0zp9gQQENHRbu8KvPRX favorite_ingredients

+ Add field IWoZ5Z4jb1hyPyKG0bB2byYm0jr2 favorite_recipes

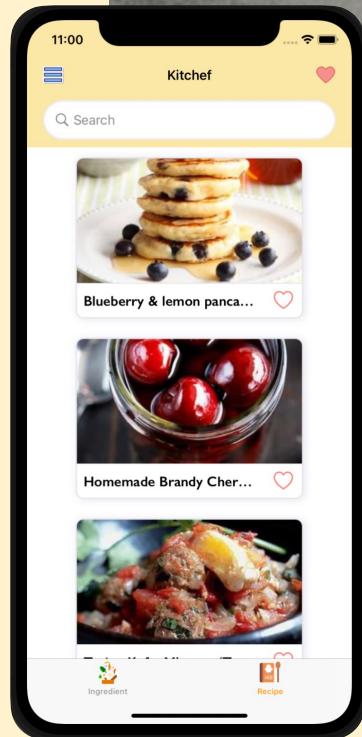
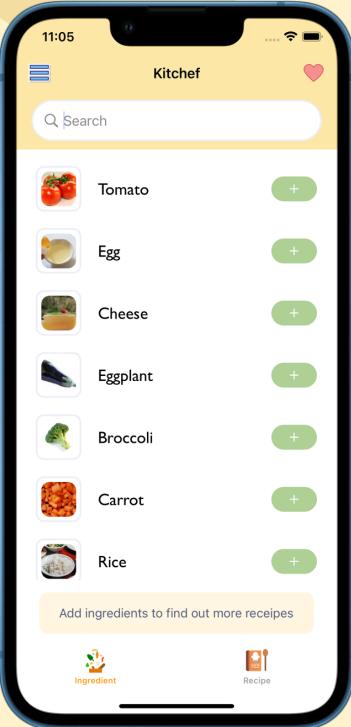
email: "ketty@gmail.com"

username: "Kerry"

Pkq5uYheC1Zj5ELwe2wQ03vJKAp1 >

Feature 12

Over 2.3 million recipes and up to 900 000 foods by using [Edamam API](#).



APIs ▾ Nutrition Wizard Recipes Partners

Leading provider of nutrition data and analytics

Nutrition Analysis API

Copy/paste any food recipe and learn its nutrition details in under a second

[More info](#)

Food Database API

Get free access to a database with close to 900,000 foods and over 680,000 unique UPC codes

[More info](#)

Recipe Search API

Search over 2.3 million recipes by diets, calories and nutrient ranges

[More info](#)

05

What parts of iOS will it use?



What parts of iOS will it use?

- UITabBarController
- Custom UITableView
- Custom UITableViewCell prototypes
- UISearchBar
- Camera / Photo Library
- Segmented Control & Container View
- Custom Loading View
- Delegate & NotificationCenter
- UserDefaults
- @IBDesignable & @IBInspectable

