

Nutrition Cart



2020-1 SOFTWARE ENGINEERING TEAM5

김승윤 김선지 이민호 김주환 이민영 ChrisChross





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Team Introduction

Back-end

- 2016312860 Kim Sunji
- 2016310944 Lee Minyoung
- 2017310301 Kim Seungyoon

Front-end

- 202031870 Christian Klose
- 2015310326 Kim Joohwan
- 2015310547 Lee Minho



Introduction Motivation








People do not use off-line market, but rely on online shopping



Testing

Login




Email

Password

LOGIN

Want to register?
[Register](#)

Follow us!



First page

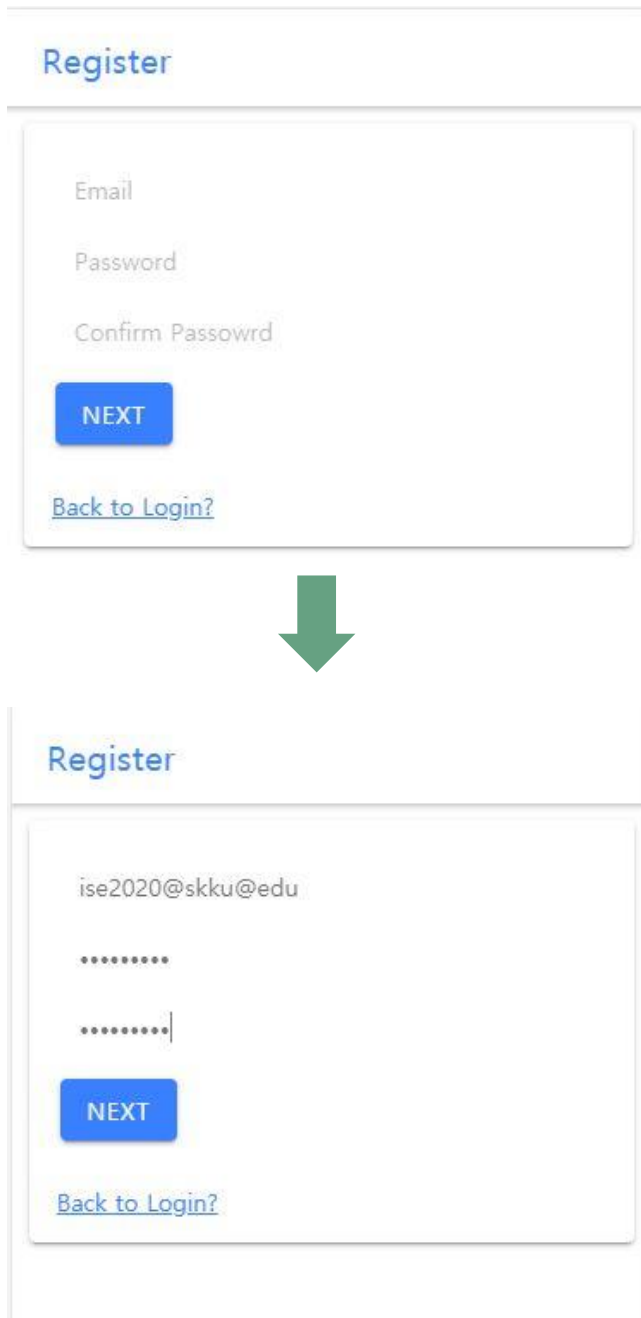
This is the first page of our application.

Users who access to our application encounter this page.

The user can log in with their own email and password or register a new account.

Also, there is a twitter icon linked to the twitter accounts that is managed by <nutrition cart> administrators.





The diagram illustrates the registration process flow. It starts with an empty registration form at the top, which has fields for Email, Password, and Confirm Password, a blue NEXT button, and a [Back to Login?](#) link. A large green arrow points down to a second, identical form below it. This second form is filled out with the email 'ise2020@skku@edu', two masked password fields (each with 8 dots), the blue NEXT button, and the [Back to Login?](#) link.

Register

Email

Password

Confirm Passowrd

NEXT

[Back to Login?](#)

Register

ise2020@skku@edu

.....

.....|

NEXT

[Back to Login?](#)

Registration

The user can make their own accounts for using the application by clicking register button in the first page.

The user have to enter email and password.

The email must be a valid email form and password need to be confirmed by entering again.



←

Survey

Name

Kim Ju Hwan

Gender

Male

Address

85465, SKKU, Suwon, South Korea

Age

25

Height (cm)

183

Weight (kg)

85

Allergies

Egg

☐

Milk

☐

Soybean

☐

Peanut

☒

Crab

☐

Shrimp

☐

Mackerel

☒

Apple

☐

Apple

☐

Peach

☐

Kiwi

☐

Purpose

☒ Lose Weight

☐ Gain Weight

☐ Maintain Weight

SUBMIT

Survey

After a registration page, the page links to a survey page.

This page is for collecting the user's health information which is used to serve a personalized service.

The user have to input all the personal information and check the allergies they have. Moreover, they should select their health purpose. These will used for recommendation.





ise2019@skku.edu

....

LOGIN

Want to register?

[Register](#)

Follow us!



Error while trying to login.



14. SUN. 15. MON. 16. TUE. 17. WED.

Login success

Login

If the user already have their own accounts, he/she can login with it by entering email and password.

However, if the email or the password they enter is not valid, login is not allowed and the error message appears, else login success and the next page appears.





Tteokbokki

Put 400g of rice cake in a pot. Add 2 cups of water in a paper cup, 4 tablespoons of sugar, 2 tablespoons of soy sauce. Add 1 tablespoon of red pepper powder. Add 1 tablespoon of red pepper paste. Release it well. Boil it so that the soup is thick. Once the water has grown to a certain degree, whisk it once.



14. SUN. 15. MON. 16. TUE. 17. WED.



Meals



Shopping



Delivery

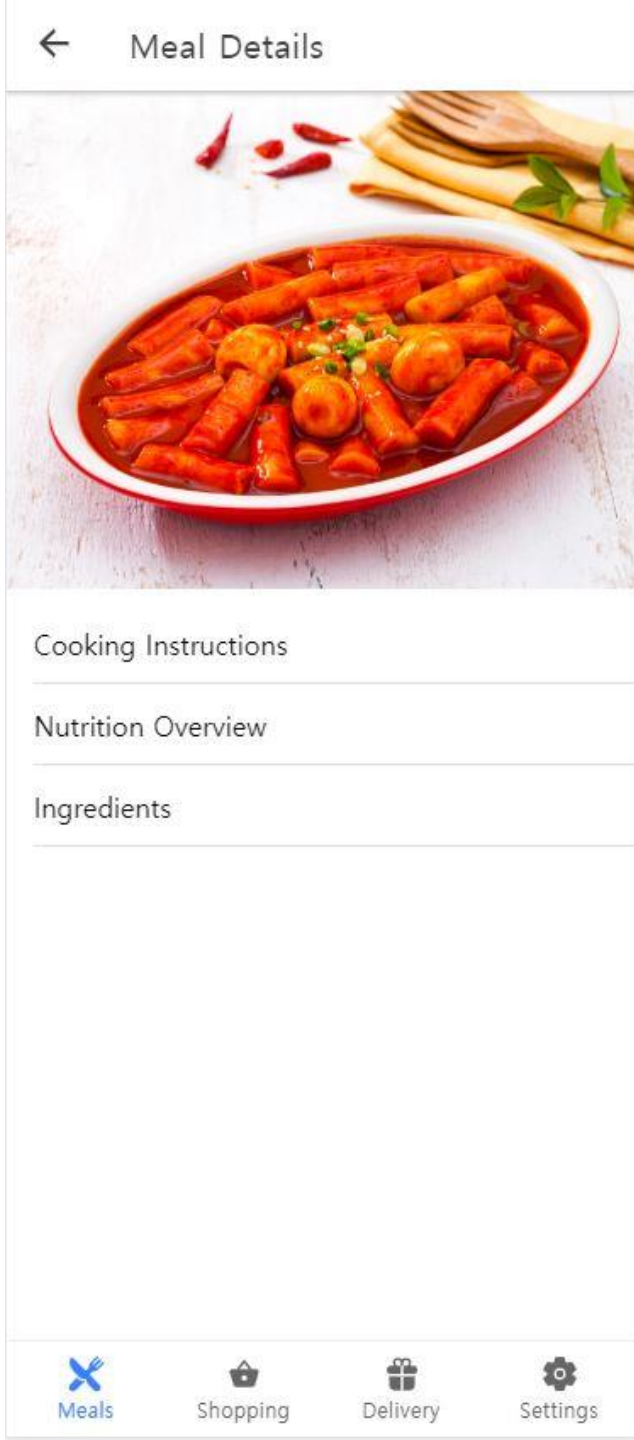


Settings

Meal

Recommended meals are listed with its recipes according to the user's body state and the purpose the user choose in the survey page.





Meal detail

If the user clicks the meal in the meal list, they can get a detail information of the meal.





Cooking Instructions




Boil spaghetti noodles for 9 minutes. Prepare onions and chopped garlic. Fry the chopped garlic and onion in a frying pan with olive oil. Add the tomato spaghetti sauce over the roasted ingredients and boil. Stir enough to make the sauce thick. Pour the finished tomato sauce over the boiled spaghetti noodles.


Meal detail : cooking instructions

A recipe of the meal is provided.



Meal detail : nutrition overview

 Nutrition Overview



Kcal : 353 kcal
FAT : 3.66g
Carbohydrate : 76.13g
Protein : 8.79g

A nutrition information is provided. Total calories of the meal and amount of a fat, carbohydrate, and protein included in the meal is provided.



← Meal Ingredients



beef

butter

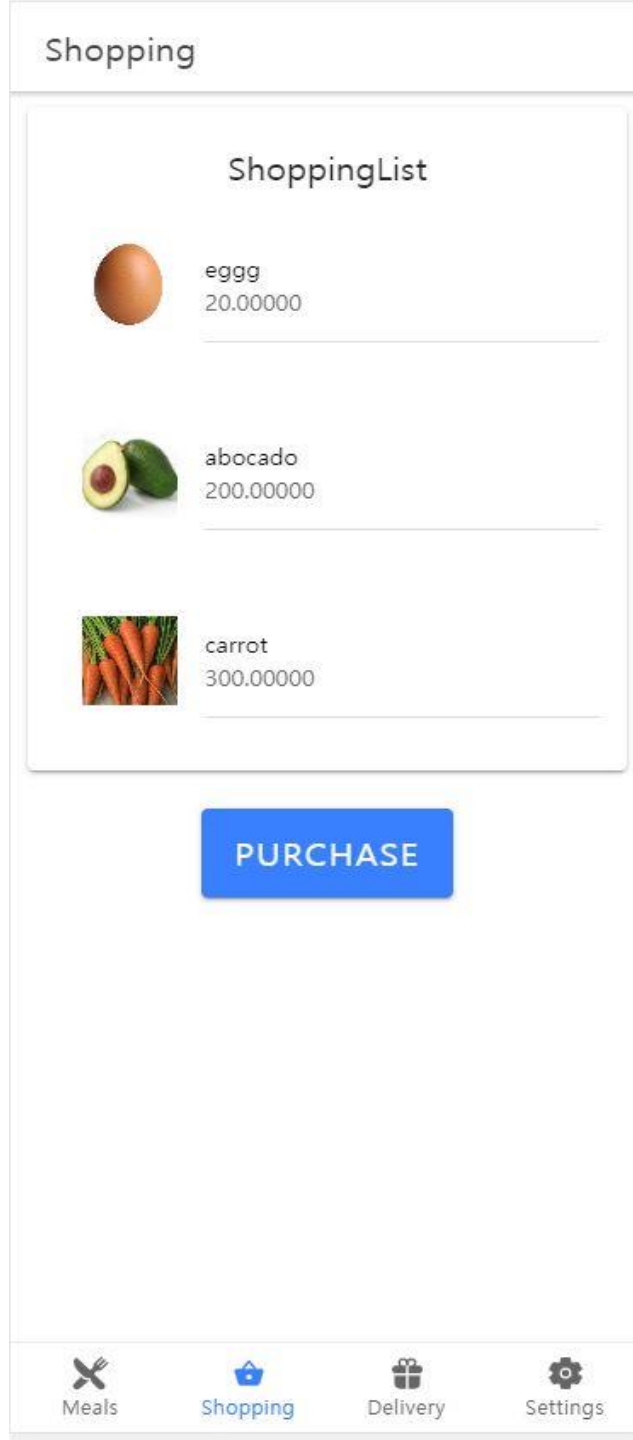
salt

cooking oil

Meal detail : ingredients

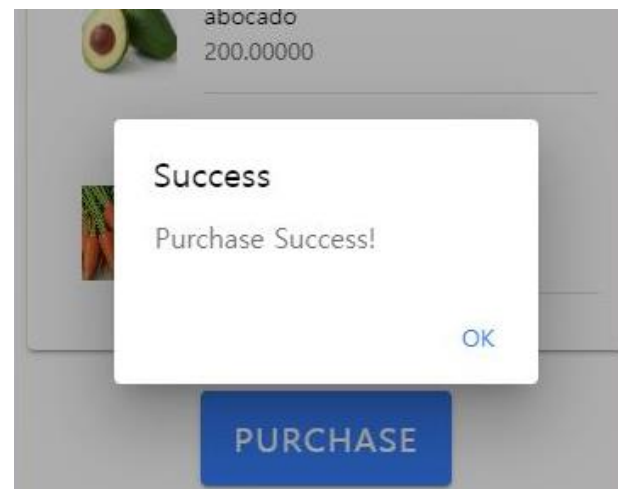
Ingredients included in the meal is listed.

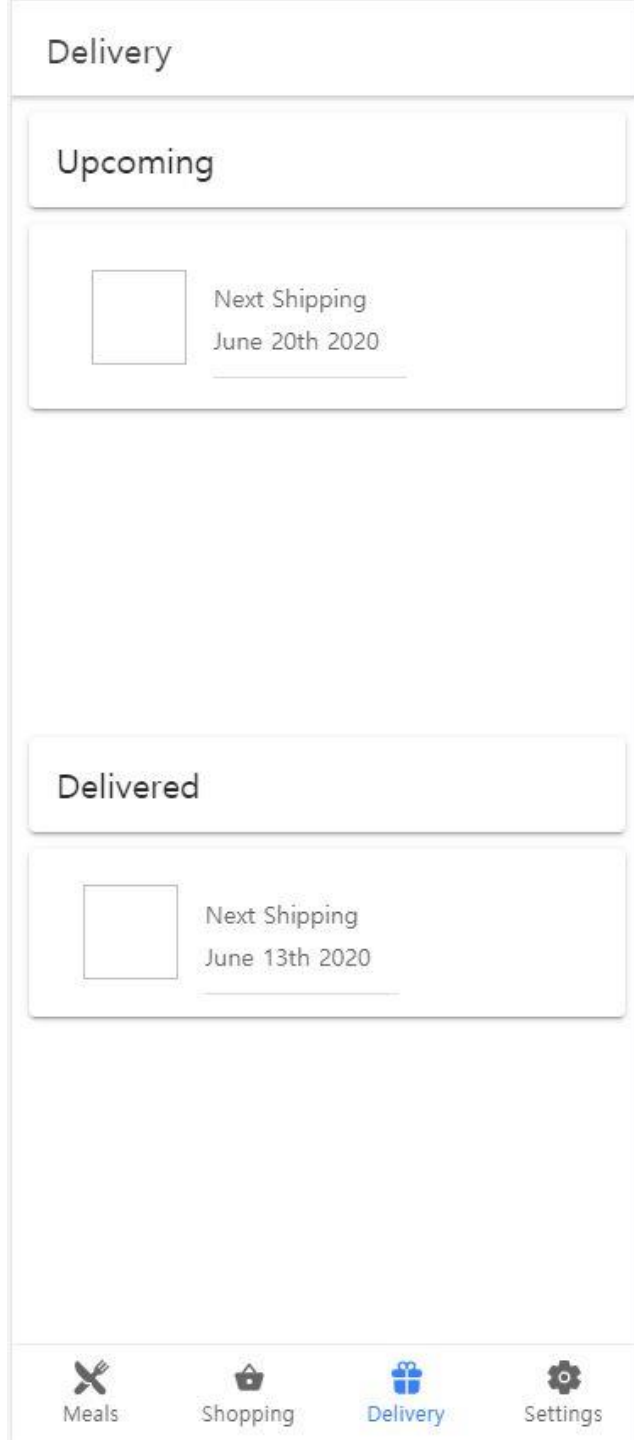




Shopping

Items that the user want to buy is gathered in this page and listed. If the user click the purchase button, items are removed from the list and the alert is popped up.

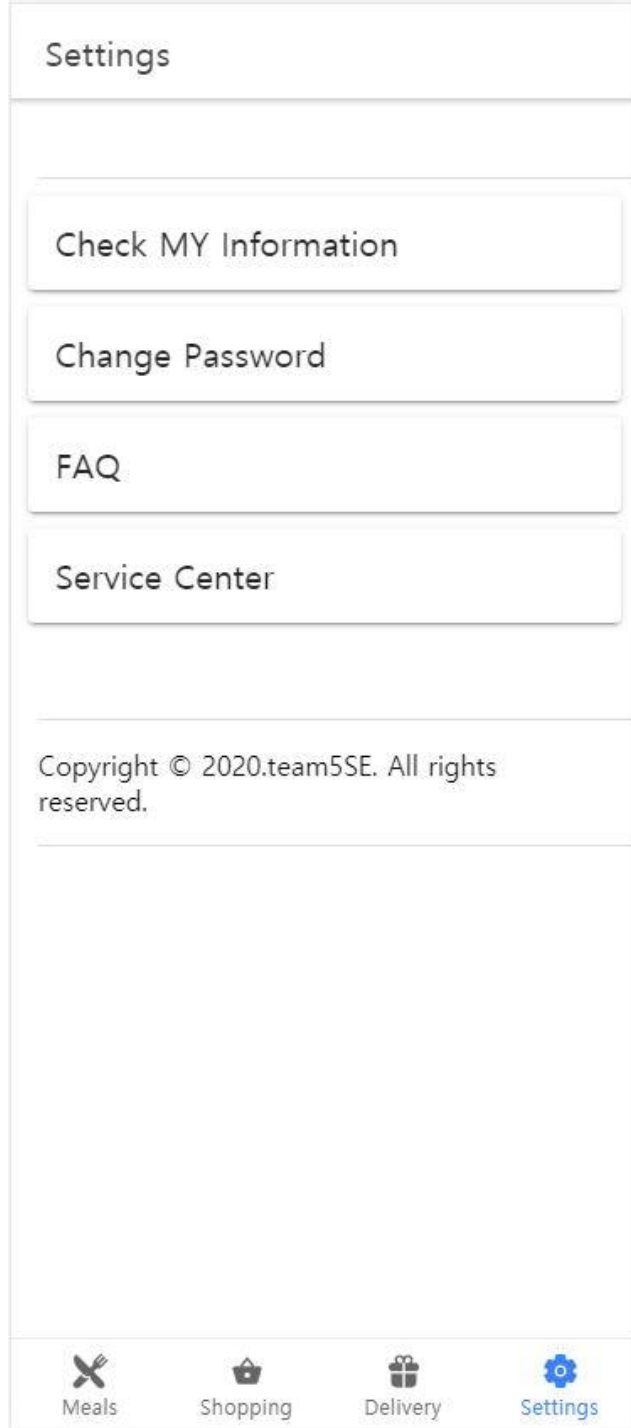




Delivery

Purchased items are listed in this page. Items that are not yet delivered is in the upcoming section and the one that delivered is in the delivered section.





Settings

This page is for providing service and information related to the application.



←

My Page

Name

Kim Ju Hwan

Gender

Male

Address

85465, SKKU, Suwon, South Korea

Age

25

Height (cm)

183

Weight (kg)

80

Allergies

Egg

☐

Milk

☐

Soybean

☐

Peanut

☐

Crab

☐

Shrimp

☐

Mackerel

☐

Apple

☐

Settings

: Change My Information

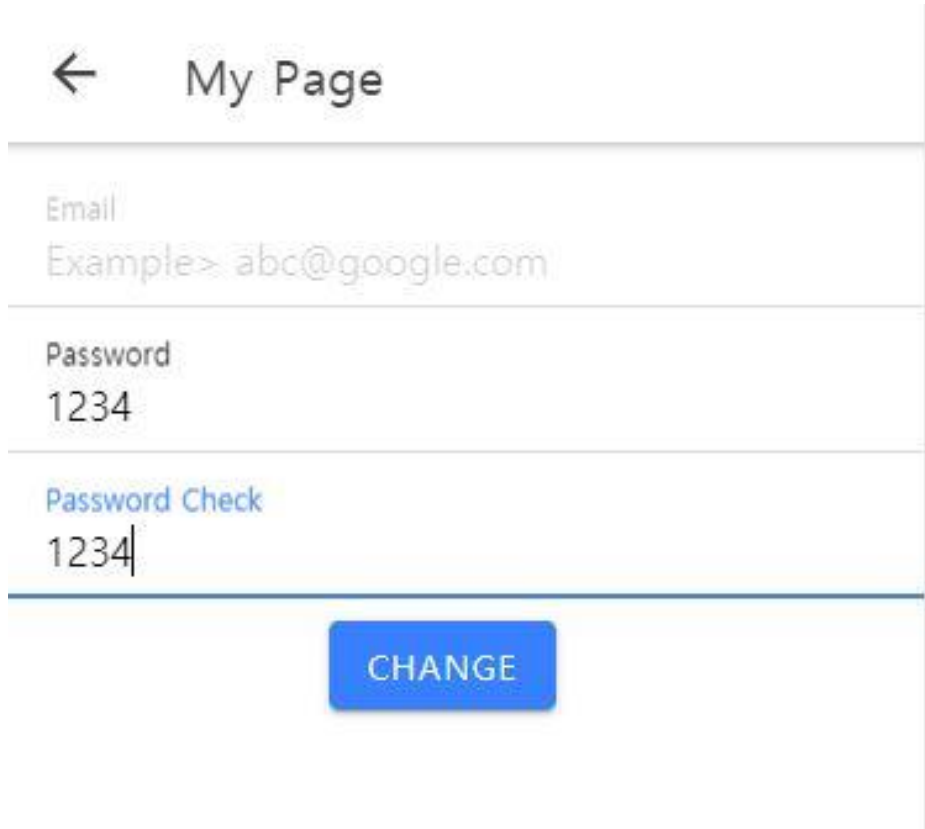
The user can check their information they enter when registered. Changing information is allowed in this page.



Settings

: Change My Password

The user can change their password in this page.



The screenshot shows a mobile application interface for a 'My Page' settings screen. At the top, there is a back arrow and the title 'My Page'. Below this, there are three input fields: 'Email' with the placeholder text 'Example> abc@google.com', 'Password' with the text '1234', and 'Password Check' with the text '1234'. A blue button labeled 'CHANGE' is positioned at the bottom of the form.

← My Page

Email
Example> abc@google.com

Password
1234

Password Check
1234

CHANGE

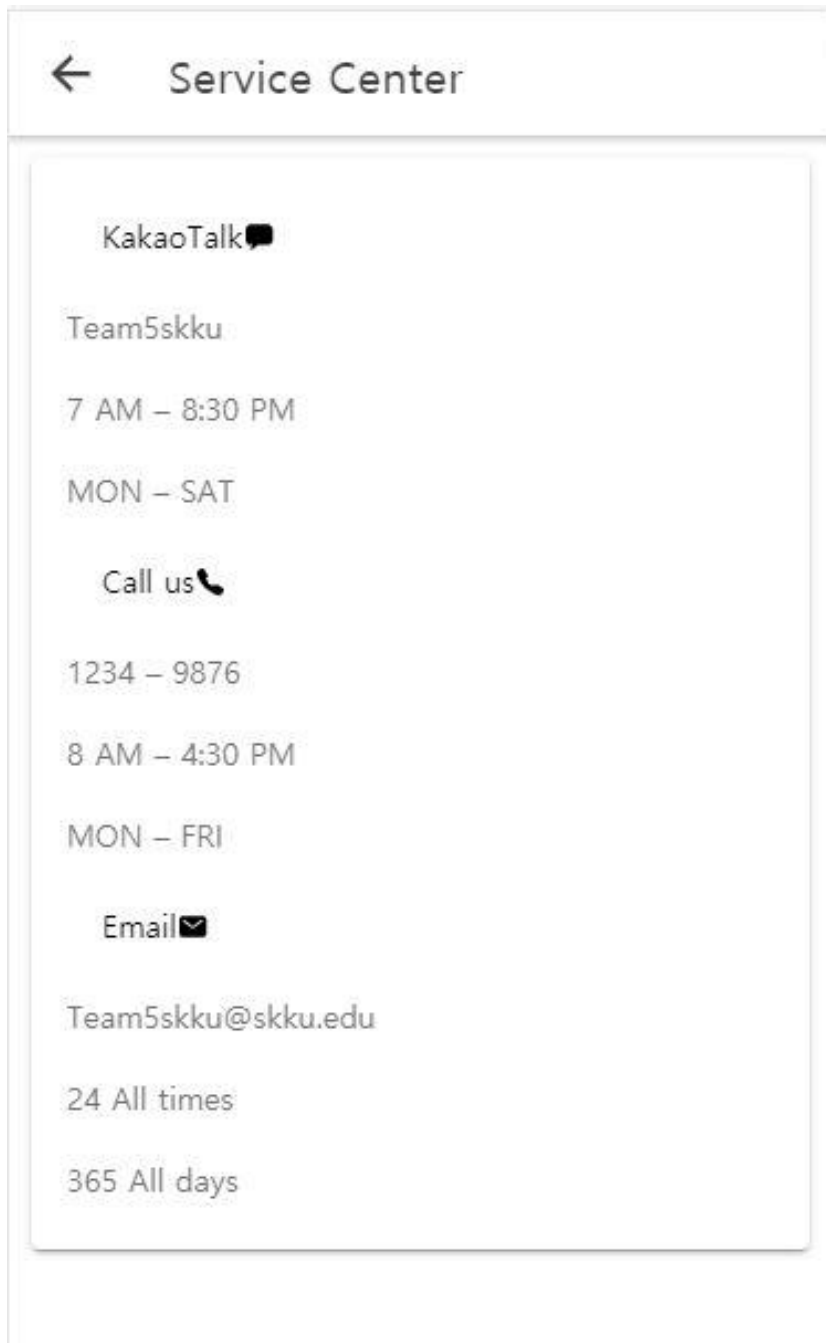


← FAQ
<p>Q1. I forget my ID and Password. How can I find it?</p> <p>Please contact our Service Center. You can find it on settings tab.</p>
<p>Q2. Where can I check the delivery status?</p> <p>You can check it in delivery page.</p>
<p>Q3. I want to change my personal information. Where can I change it?</p> <p>Please go to Settings tab. You can easily change your personal information even password.</p>

Settings : FAQ

Frequently asked questions and the answer of them are provided.





Settings : Service Center

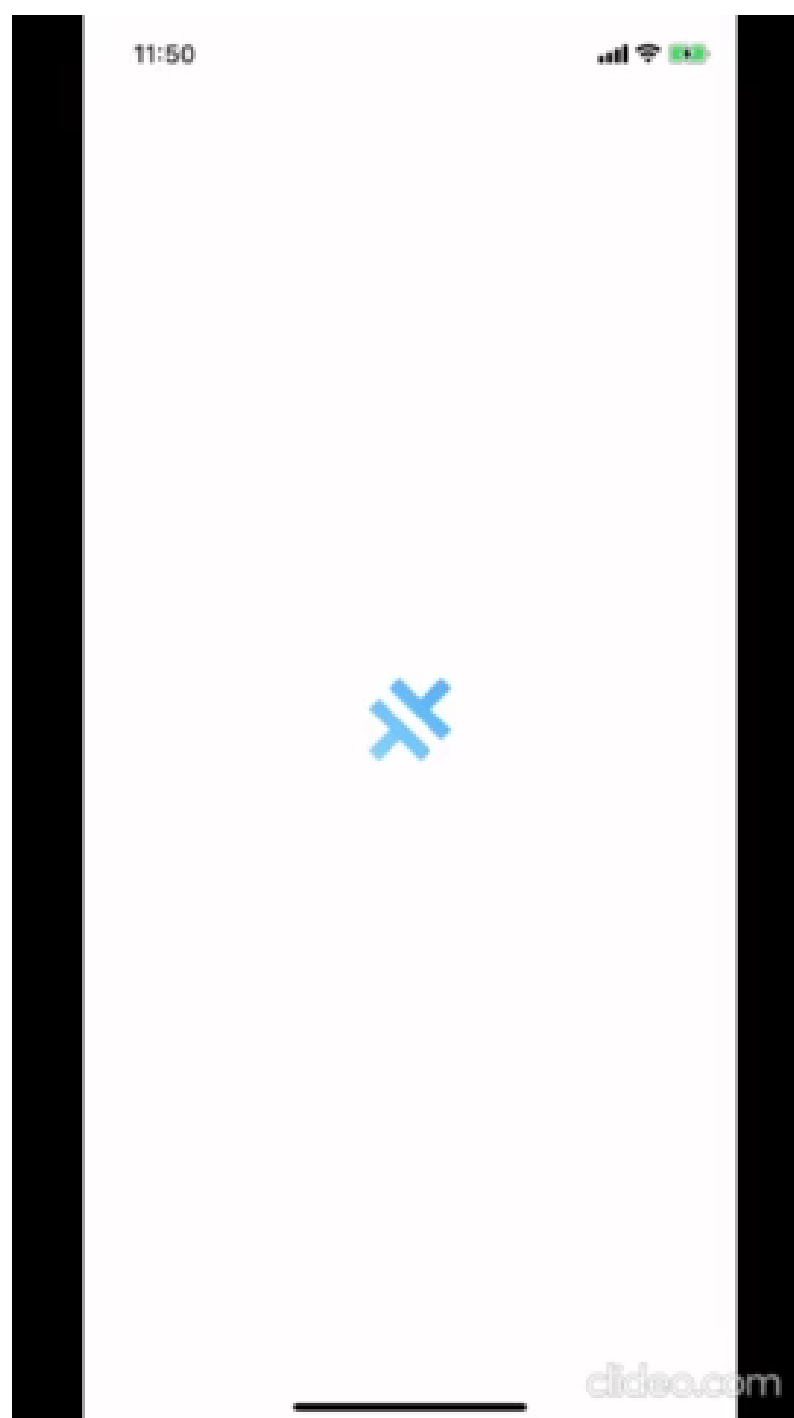
An information to contact to the service center of the application is provided.



Demonstration



Demonstration



Development Tools

Front-end

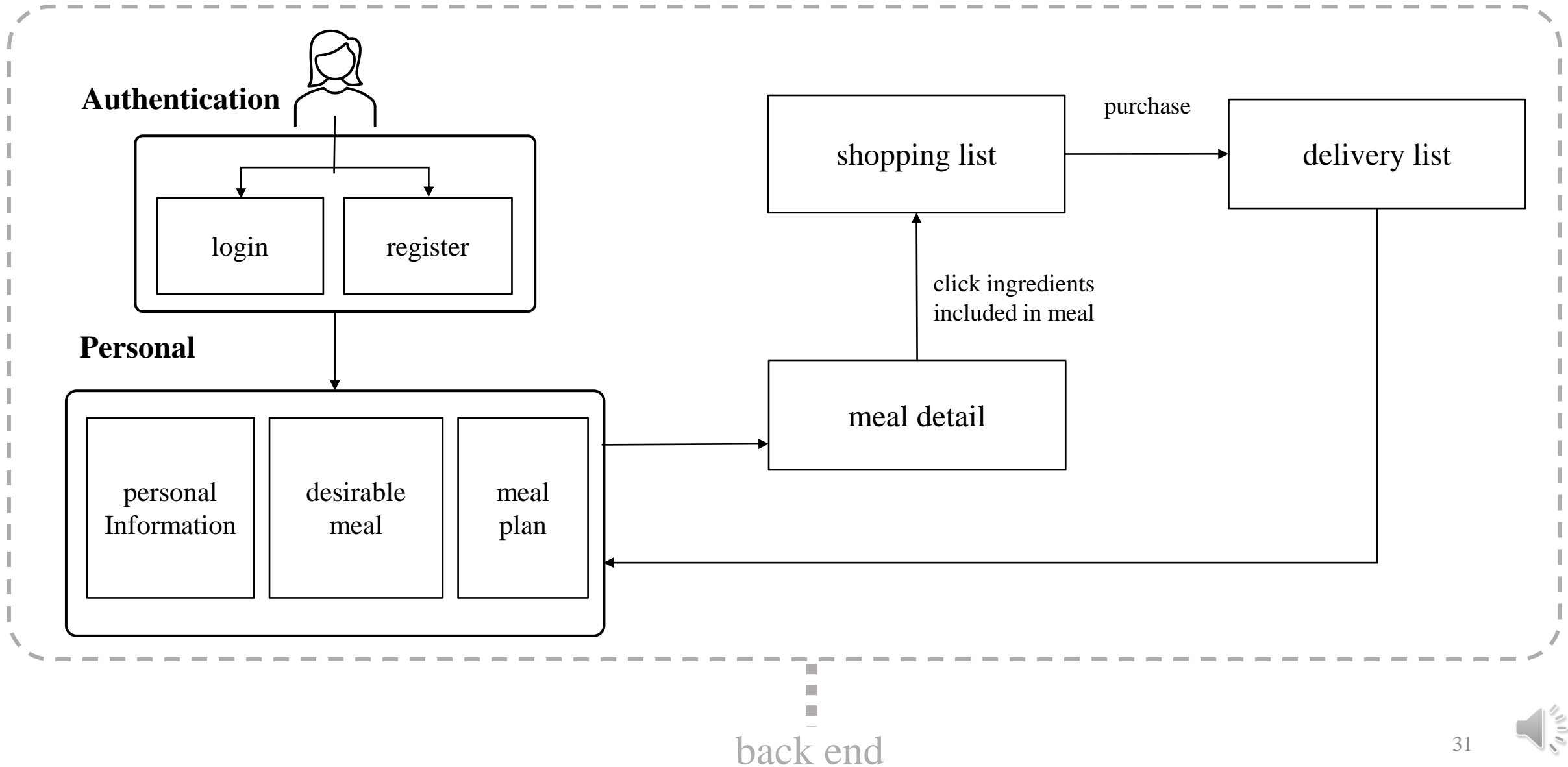


Back-end

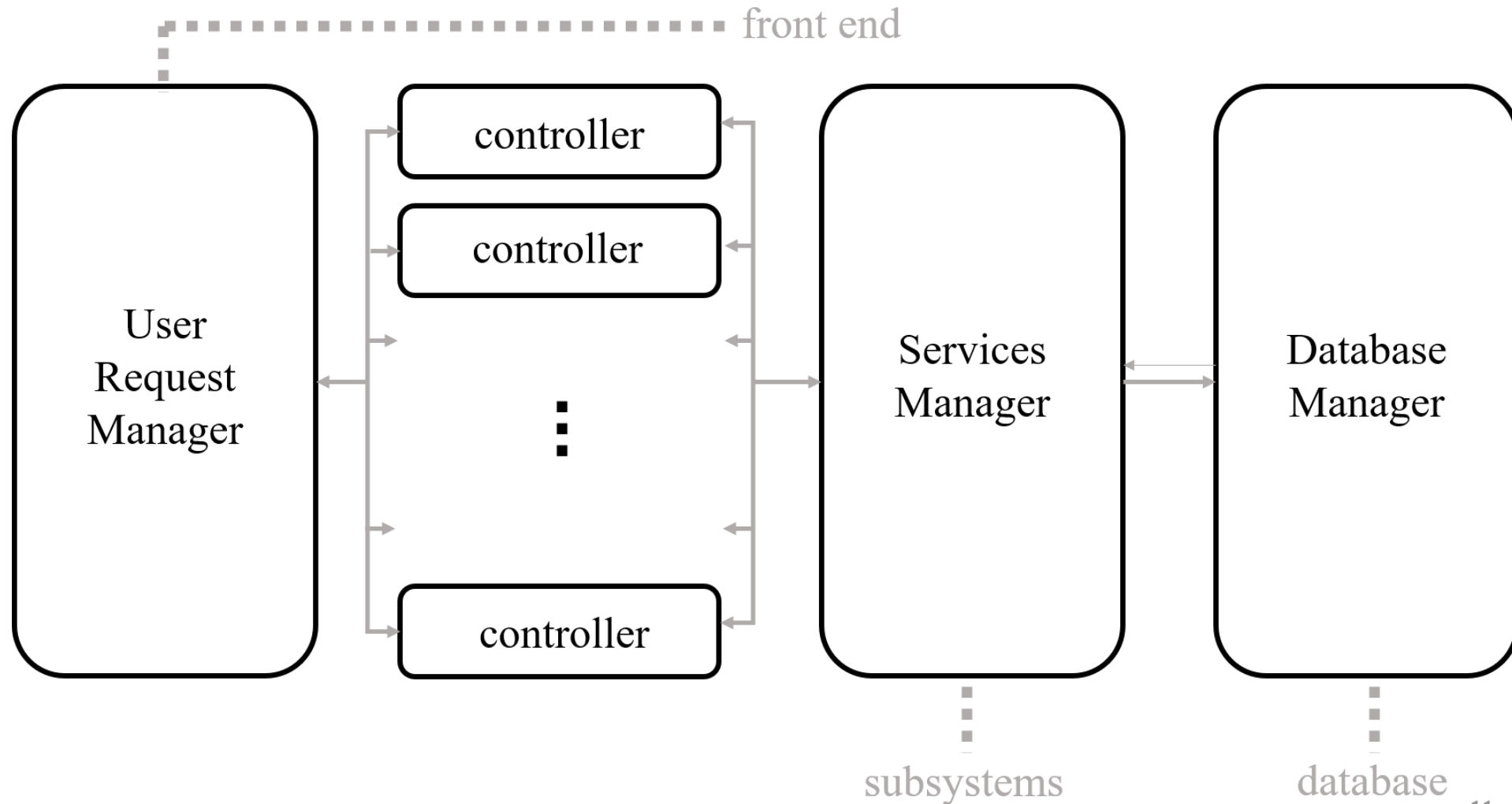


Project Architecture

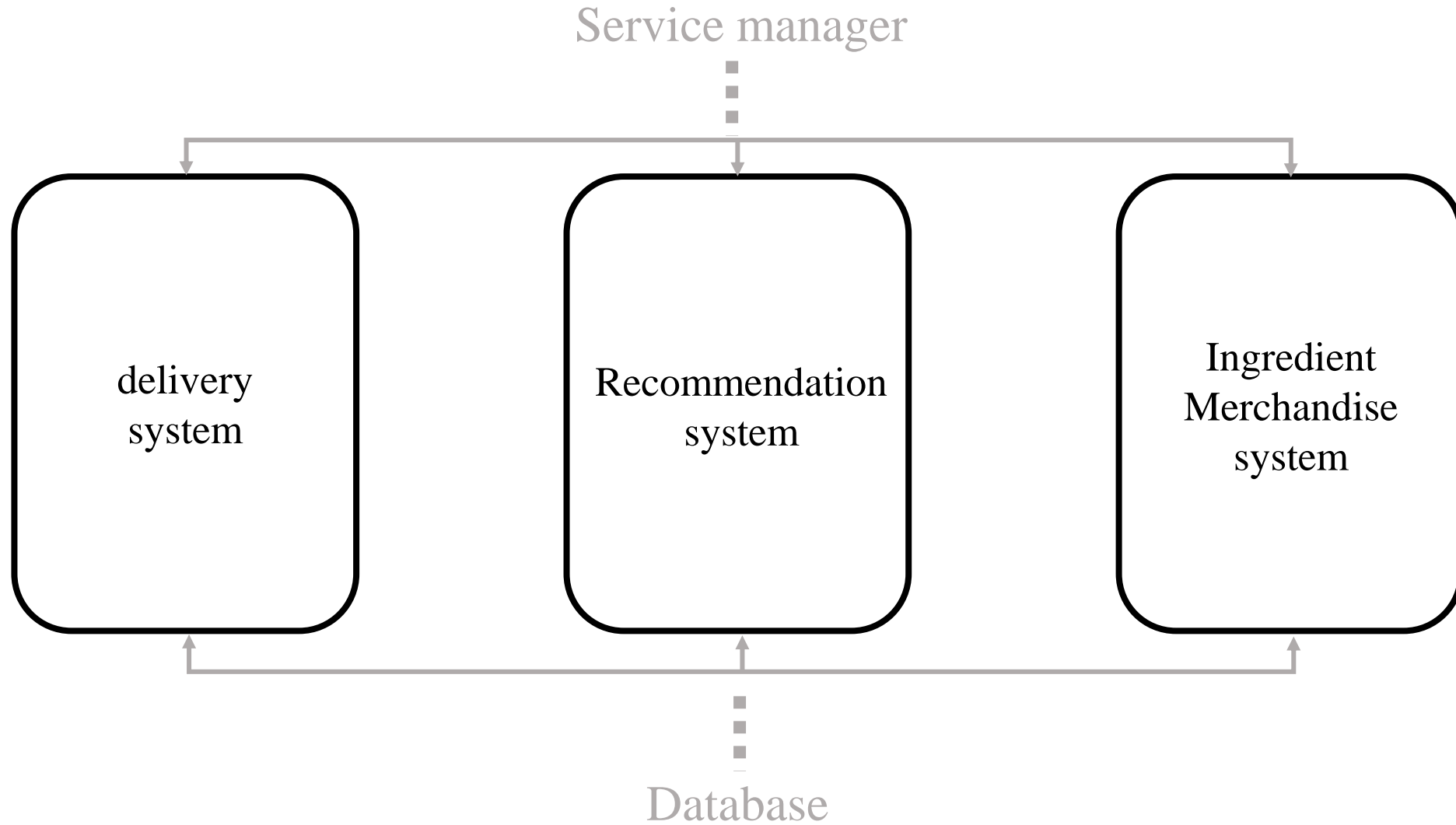
Project Architecture – front end



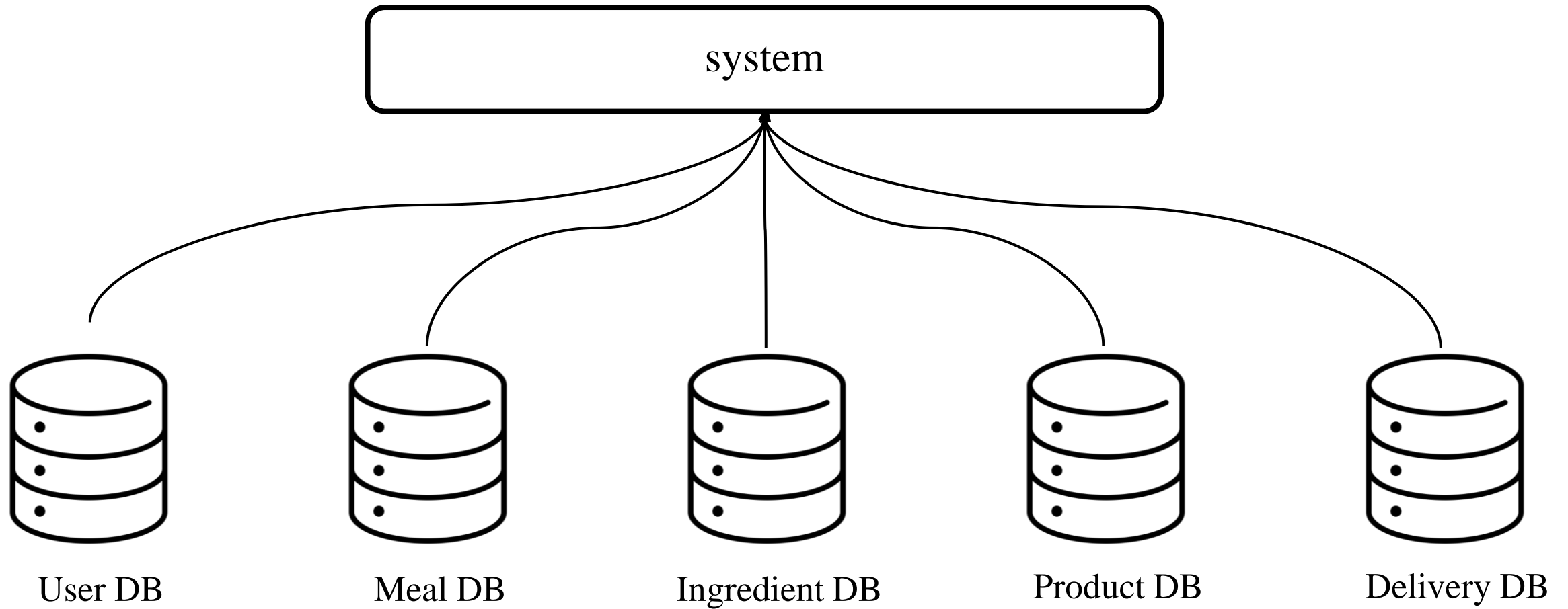
Project Architecture – back end (Server)



Project Architecture – back end (Subsystems)



Project Architecture – back end (Database)



Project Completeness

Complete

- Login
- Register
- Main routing
- Personal Information
- Mealplan Recommendation
- Purchasing
- Settings

In progress

- Listing ingredients in Shopping list
- Delivery



Development Risk and Issues

Development Risk and Issues

- We were not familiar with using Github.
- There was a lack of experience in large-scale project development, which resulted in many trials and errors.
- Communication was difficult due to the online-based team activity caused by the corona problem.



2020-1 SOFTWARE ENGINEERING

Thank you

Nutrition Cart



2020-1 SOFTWARE ENGINEERING TEAM5

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