

PA4 - GROUP09 - UI PROTOTYPE

In this report, we detailedly discuss the UI and how users/ADMIN can interact with the application. There are 2 main sections: User Features and ADMIN Features.

USER FEATURES

1. Login screen:

Đăng nhập

Tên đăng nhập

Mật khẩu

→

Description: User input username and password, then click on the arrow to login (password will be hidden)

2. Get user information

Chỉ số trao đổi chất (BMR)

Giới tính:



Chiều cao (cm)



Cân nặng (kg)



Độ tuổi



Tiếp tục

Description:

- + Users can choose their gender (male/female).
- + They can use the increase/decrease button to modify their height, weight, age. The left button is for decrease and the right button is for increase. The big button is used to increase/decrease 10 units each time, and the small button is only 1.
- + The users can tap into the number to input from the keyboard.
- + After completed all, the user press “Tiếp tục” to save their information and navigate to the next page

3. Summary statistics:



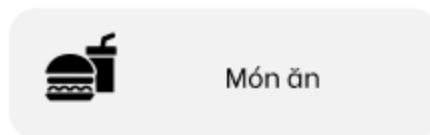
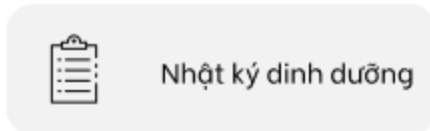
Description:

- + Show users the calories need, BMI, height, weight, and the amount of water they should drink everyday (these information are calculated base on the users' body information)
- + The users can press "Tiếp tục" to navigate to the next page

4. Homescreeen user:

Tháng 8, 2023

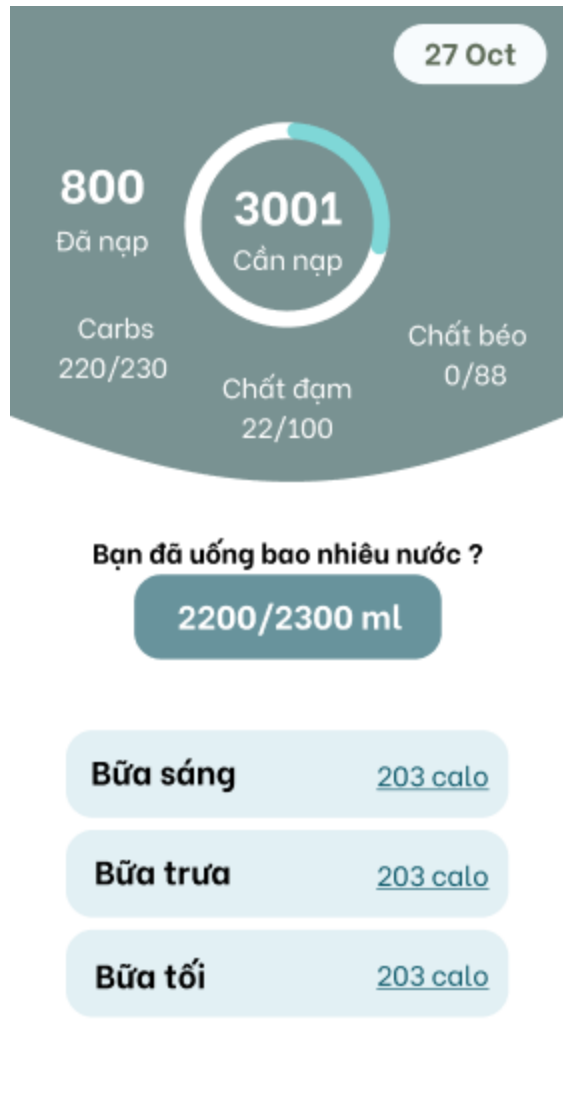
Xin chào!



Description:

- + Below the greeting text, there is a calendar for users to know the day
- + Users can press "Nhật ký dinh dưỡng" to navigate to "Calories Record" page, press "Chỉ số cơ thể" to navigate to "Body information", press "Món ăn" to navigate to "Food list", press the droplet button to navigate to "Drinking water", press the plus button to show a dropdown list to choose the meal today.

5. Calories Record



Description:

- + The top right corner will show the date today, below is the progress circular about the calories. Around the progress circular, there will be others attributes (Carbs, Fat, Protein). The amount of water drunk will be shown below them, and finally will be breakfast, lunch and dinner with the amount of calories the users have consumed.
- + Users can press on each meal (breakfast, lunch, dinner) to navigate to the “Meal” page.
- + Users can press on the date button to show the diagram of calories consumed and water drunk.

6. Diagram

Lịch sử

Calo

Ngày

biểu đồ calo

Nước uống

Ngày

biểu đồ uống nước

Description:

- + The diagram of the calories consumed and water drunk will be shown in the page.
- + Users can press the green button to modify the duration for each component of the diagram

7. Meal

Bữa sáng

540 calo

Thêm

Bún bò

100 g - 440 calo



Bánh mì

100 g - 100 calo



Description:

- + The title will show the meal base on which meal the users pressed. Below will be the total calories and the information of the food the users inputted.
- + Users can press on the “X” button to delete the corresponding food.
- + Users can press “Thêm” to navigate to “Món ăn” to add food for this meal.

8. Drinking water



Lịch sử



+250 ml	11:26	ⓧ
+250 ml	11:30	ⓧ
+250 ml	11:36	ⓧ
+250 ml	11:36	ⓧ

Description:

- + The progress circular used to show the progress of drinking.
- + The “Cốc” button use to show a pop up to modify the amount of water each cup.
- + The “+ x ml” button use to add a drinking history (x base on the size of cup that the user can input in the “Cốc”)
- + The droplet button use to modify the drinking schedule
- + The drinking history is shown below and the user can press on the “X” button to delete the corresponding drinking history

9. Food list

Món ăn



Tìm kiếm món ăn...



A quố

100 g - 440 calo



Chè trôi nước

100 g - 440 calo



Bánh mì

100 g - 440 calo



Bún bò

100 g - 440 calo



Cơm chay

100 g - 440 calo



Cơm gà

100 g - 440 calo



Description:

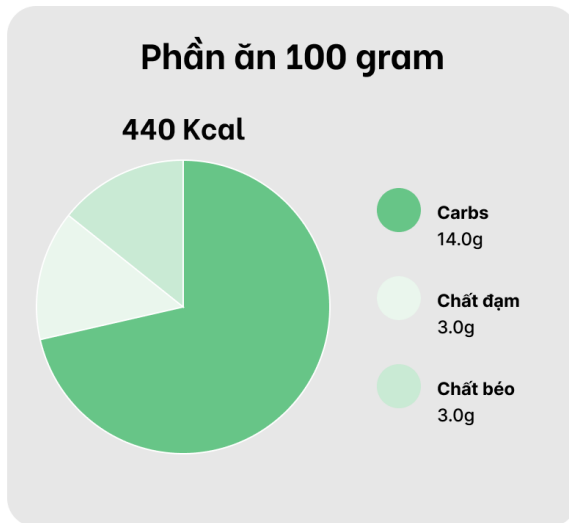
- + The user can see a list of foods. The favorite foods will be placed at the top of the list
- + The user can mark/unmark a food as favorite by press the like button at the right side
- + The user can search for a specific food by enter a name of the dish in the search bar
- + The user can press on the food to see the detail information

10. Food information

Chè trôi nước

hình ảnh

Thành phần dinh dưỡng



Thêm món ăn vào nhật ký

Description:

- + The user can see detailed information about a food.
- + The user can add this food into a meal by press “Thêm món ăn vào nhật ký”, a small window will appear and the user can choose which meal to add this food
- + The user can edit the food information by pressing the pen button.

11. Food setting

Chè trôi nước

Xóa món ăn

Chỉnh sửa món ăn

Description:

- + The user can press “Xóa món ăn” to delete the dish from the food list
- + The user can press “Chỉnh sửa món ăn” to navigate to food editing section

12. Food editing

Chỉnh sửa món ăn

Thông tin chung

Chè trôi nước

hình ảnh

Chụp ảnh

Chọn từ thư viện

Khẩu phần ăn

1 khẩu phần ăn = gram ▼

mililit ^

Tiếp tục

Chỉnh sửa món ăn

Thành phần dinh dưỡng

Kcal

Chất béo

Carbs

Chất đạm

Hoàn tất

Description:

- + In the first screen, the user must input name of a new dish, as well as choose a picture to present the dish
- + Then, the user chooses the type of meal quantity and input an amount of gram/milliliter per meal.
- + User press “tiếp tục” button to go to the second screen
- + In the second screen, the user is required to input nutritional ingredients of the dish
- + The user press “Hoàn tất” button to complete adding a new dish

13. Setting Food list

Món ăn

Thêm món ăn

Đóng góp món ăn

Khôi phục danh sách món ăn

Description: Users can press “Thêm món ăn” to add food, “Đóng góp món ăn” to contribute food, “khôi phục danh sách món ăn” to restore the original food list

14. Add a new dish

Tạo món ăn mới

Thông tin chung

Tên món ăn

hình ảnh

Chụp ảnh

Chọn từ thư viện

Khẩu phần ăn

1 khẩu phần ăn = 100 gram ▾

mililit ▲

Tiếp tục

Description:

- + User must input name of a new dish, as well as choose a picture to present the dish
- + Then, users choose the type of meal quantity and input an amount of gram/milliliter per meal.
- + User press “tiếp tục” button to go to the next step

Tạo món ăn mới

Thành phần dinh dưỡng

Kcal	<u>bắt buộc</u>
Chất béo	<u>bắt buộc</u>
Carbs	<u>bắt buộc</u>
Chất đạm	<u>bắt buộc</u>

Hoàn tất

Description:

- + After completing the above step, the user is required to input nutritional ingredients of the dish
- + The user press “Hoàn tất” button to complete adding a new dish

15. Contribute a new dish to the community

Đóng góp món ăn mới

Thông tin chung

Tên món ăn

hình ảnh

Chụp ảnh

Chọn từ thư viện

Khẩu phần ăn

1 khẩu phần ăn = gram ▼

mililit ^

Tiếp tục

Đóng góp món ăn mới

Thành phần dinh dưỡng

Kcal

bắt buộc

Chất béo

bắt buộc

Carbs

bắt buộc

Chất đạm

bắt buộc

Hoàn tất

Description:

- + This feature has the same description as adding a new dish feature. The difference is after completing all steps, the dish will not appear at the food list, but it will be added to a pending queue for the admin to approve.

16. Body information

Chỉ số cơ thể



Giới tính



Độ tuổi

20

BMI Lần cập nhật gần nhất
12.0 27 tháng 10, 2023

160 cm
Chiều cao

50 kg
Thiếu cân

Lượng nước đã uống trong hôm nay

660/2200 ml



Lượng calo đã nạp trong hôm nay

800/3001 calo



Description:

- + The screen contains body index of the user and summary of the amount of water drink, calories intake today
- + The user can press setting button at the top right corner to navigate to setting screen

17. Body information setting

Chỉ số cơ thể

Cập nhật thông tin

Lịch sử thay đổi

Thay đổi mật khẩu

Đăng xuất

Description:

- + The user presses “thay đổi mật khẩu” button to change their password, “Đăng xuất” to logout, “Cập nhật thông tin” to navigate to body index updating section, “Lịch sử thay đổi” to see the record of changing of body index

18. Updating body index

Chỉ số trao đổi chất (BMR)

Giới tính:



Chiều cao (cm)



Cân nặng (kg)



Độ tuổi



Hoàn tất

Description:

- + This screen is describe follow the second screen (get user information)
19. Changing password

Thay đổi mật khẩu

Mật khẩu hiện tại

Mật khẩu mới



Description:

- + The user need to input the current password and new password. Then, pressing the next button to change their password
20. Record of body index changes

Chỉ số cơ thể

Lịch sử thay đổi

27 tháng 10, 2023	160 cm	50 kg	ⓧ
27 tháng 8, 2023	158 cm	50 kg	ⓧ
27 tháng 6, 2023	162 cm	50 kg	ⓧ

Description:

- + The body index records is shown above and the user can press on the “X” button to delete the corresponding record
- + Each record show weight and height of a user, as well as the day this record is made

ADMIN FEATURES

1. Login screen: ADMIN and member user share the same login screen, which has been described in the 'USER FEATURES' section.
2. Home screen:

Tháng 8, 2023

Xin chào!

28	29	30	31	1
Mo	Tu	We	Th	Fr



Danh sách người dùng



Danh sách món ăn

Description:

- + A calendar is shown to keep track of the date
- + ADMIN can choose to show the list of users (navigate to the list of user screen), by clicking the first button, or show the list of current food (navigate to the list of food screen), by clicking the lower button.

3. List of user screen:

Danh sách người dùng

ID: zrefalogia

Uy tín: -99

ID: devil_duck

Uy tín: 1

ID: MiGyy

Uy tín: 100

ID: topgap

Uy tín: 100

Description:

- + List of users registered for the app is shown on the screen, users with lower credit points (Uy tín), will be displayed first.
- + ADMIN can choose a user to inspect, navigate to the user inspect screen.
- + The search bar on the top can also be used to search the user by ID.

4. User inspect

Người dùng

ID: zrefalogia
Độ uy tín: -99

Cấm người dùng

Xóa người dùng

Description:

- + The ID and the credit points are displayed on the screen.
- + ADMIN can choose to ban the user, by choosing the “Cấm người dùng” button, or remove the user, by choosing the “Xóa người dùng” button.

5. List of food screen:



Descriptions:

- + There is a list of food items displayed following favorite status (favorite -> not favorite), every item in it shows the name of food, the number of units (g) and the number of calories.
- + There is a search bar on top of the screen which helps admins to search for their desirable dishes.
- + The setting button on the top right corner of the screen leads the admins to the setting list screen.

6. Setting list of food screen:

Món ăn

Thêm món ăn

Danh sách món ăn đề xuất

Description:

- + There are 2 buttons including “Thêm món ăn” and “Danh sách món ăn được đề xuất”. The former navigates to add-new-food screen and the latter navigates to the list-of-suggested-food screen.

7. Add new food:

Tạo món ăn mới

Thông tin chung

Tên món ăn

hình ảnh

Chụp ảnh

Chọn từ thư viện

Khẩu phần ăn

1 khẩu phần ăn = 100 gram

mililit

Tiếp tục

Tạo món ăn mới

Thành phần dinh dưỡng

Kcal	<u>bắt buộc</u>
Chất béo	<u>bắt buộc</u>
Carbs	<u>bắt buộc</u>
Chất đạm	<u>bắt buộc</u>

Hoàn tất

Description: There are two steps to add new food, the following screens of which are as followed:

- + In the gaps displayed on the first screen, the admins are going to input the name of the new dish and its images, and choose the reasonable amount of an average meal together with its unit. After finishing, the admins press “Tiếp tục” to move to the second screen.
- + There is a table in the second screen which requires admins to fill in the amount of every kind of nutrition included in the new dish. After finishing, admins press “Hoàn tất” to save the information of the dish and back to the previous screen.

8. Food list recommended by user:

Đề xuất



A quố

100 g - 440 calo



Chè trôi nước

100 g - 440 calo



Bánh mì

100 g - 440 calo



Bún bò

100 g - 440 calo



CƠM chay

100 g - 440 calo



CƠM gà

100 g - 440 calo

Description:

- + Similar to list of food screen, there is also a list of food where each item contains its name, its amount for an average meal and its following amount of calories.

9. Recommended food inspect:

Chè trôi nước

hình ảnh

Thành phần dinh dưỡng

Phần ăn 100 gram

440 Kcal



Người thêm: zrefalogia

Duyệt

Bỏ qua

Đánh dấu vi phạm

Description:

- + This screen will illustrate the overall information of a dish suggested by a user. There will be an image of the dish together with the amount of every kind of nutrition involved in an average meal, and there will be a pie comparing the amount of nutritions them.
- + If the admin accepts this new dish, he/she can press the “Duyệt” button to save it.
- + If the admin rejects this new dish, he/she can press the “Bỏ qua” button to remove it.

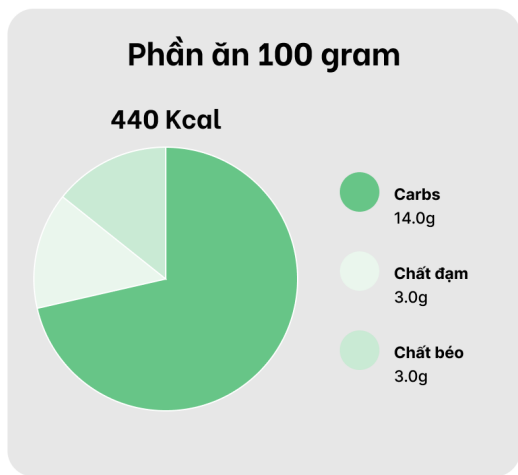
- + If the admin finds something wrong with the new dish, he/she can press the “Đánh dấu vi phạm” to report.

10. Food inspect

Chè trôi nước

hình ảnh

Thành phần dinh dưỡng



Description:

- + Details about the dish are displayed on the screen for the ADMIN to observe.
- + ADMIN can choose the pen icon to navigate to the food actions screen, where ADMIN can remove or edit the details of the dish.

11. Food actions (remove/edit):

Chè trôi nước

Xóa món ăn

Chỉnh sửa món ăn

Description:

- + ADMIN can choose the button “Xóa món ăn” to delete the dish from the public database
- + “Chỉnh sửa món ăn” button can be used to navigate to the edit food screen.

12. Edit food

Chỉnh sửa món ăn

Thông tin chung

Chè trôi nước

hình ảnh

Chụp ảnh

Chọn từ thư viện

Khẩu phần ăn

1 khẩu phần ăn =

gram ▼

mililit ^

Tiếp tục

Chỉnh sửa món ăn

Thành phần dinh dưỡng

Kcal

Chất béo

Carbs

Chất đạm

Hoàn tất

Description:

- + ADMIN can choose the text field right below the “Thông tin chung” subheader to edit the food name.
- + To add or edit the photo, choose the “Chụp ảnh” button to take a picture right away or the “Chọn từ thư viện” button to choose a photo from the device gallery.
- + Below the “Khẩu phần ăn” subheader, ADMIN can determine the quantity and the unit for the meal.
- + After complete those/some steps above, ADMIN should click the “Tiếp tục” button to go to the next page
- + In the section “Thành phần dinh dưỡng”, the ADMIN can set calories (kcal), fat (chất béo), carbs (tinh bột), protein (chất đạm) by choosing the corresponding attribute.
- + Finally, click the “Hoàn tất” button to complete the editing then save and apply all changes.