



Capstone Project 2

CMU-SE 451

User Interface Design

Version 1.2

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Food Care

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REVISION HISTORY

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Document Approval

The following signatures are required for approval of this document

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1. Introduction:**1.1. Purpose**

This document describes the user interface of Food Care

1.2. Scope:

Overview of the stages and modules of the software

Create complete interfaces, and describe them clearly

2. List of User Interface for Sprint:

Roles	User Interface ID	UI Name	Description
All	UI-01	Homepage	The screen is used for showing all information about the system.
All	UI-02	Login	The screen is used for login into the system.
User	UI-03	Register	The screen is used for user register account into the system.
User	UI-04	Edit profile	The screen is used for user edit profile into the system.
User	UI-05	Change password	The screen is used for user change password account into the system.
User	UI-06	Browse food	The screen is used to show list foods
User	UI-07	Edit status profile	The screen is used for user edit status profile into the system.
User	UI-08	Preferences (Meal & Layout)	The screen is used for user edit user's meal into the system.
User	UI-09	Preferences (Rate foods)	The screen is used for user rate foods into the system.
User	UI-010	Preferences (Diet & Nutrition)	The screen is used for user select Diet type into the system.
User	UI-011	Preferences (Nutrition Profile Options)	The screen is used for user add new Diet into the system.
User	UI-012	Preferences (Meal & Layout)	The screen is used for user edit user's meal into the system.

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User	UI-013	Preferences (Add meals to the weekly planner)	The screen is used for user add new meal into the system.
User	UI-014	Preferences (Meal Settings)	The screen is used for user update meal into the system.
User	UI-015	Collections	The screen is used for user see all collections into the system.
User	UI-016	Detail of collection	The screen is used for user see collection's detail into the system.
Admin	UI-017	Dashboard (Manage users)	The screen is used for admin manage user into the system.
Admin	UI-018	Dashboard (Manage foods)	The screen is used for admin manage foods into the system.

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3. Describe User Interface for All

3.1. UI-01: Home page

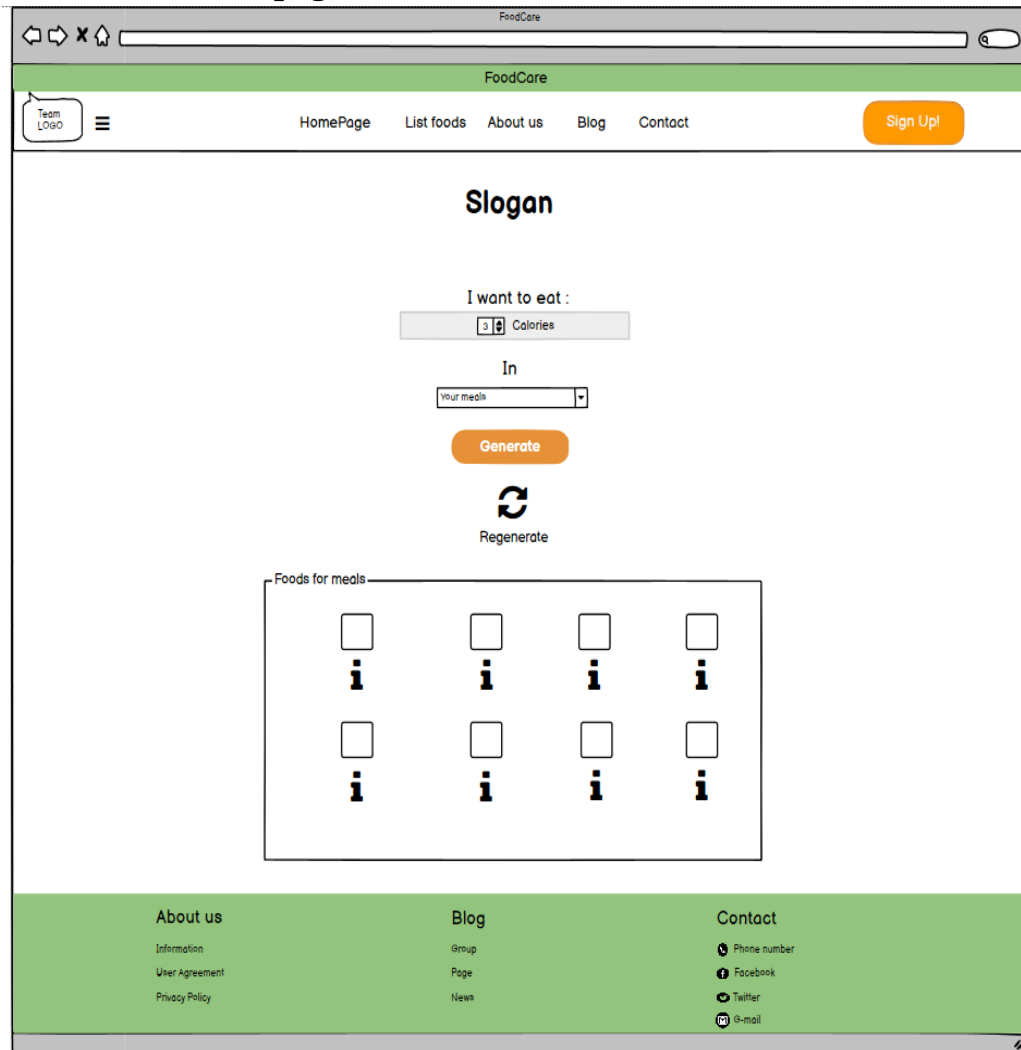


Figure 1: Homepage

From	Condition	Null	Control Type	Target
1	View		Section	Display homepage

3.2. UI-02: Login



Figure 2: Login

From	Condition	Null	Control Type	Target
1	Input		Textbox	Input user's email
2	Input		Textbox	Input user's password
3	Click		Link	Click to go register page
4	Click		Link	Click to go forgot password page
5	Click		Link	Click to agree remember login section

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6	Click		Button	Click to login into the homepage
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3.3. UI-03: Register

The screenshot shows a web browser window titled 'FoodCare'. The page layout includes a green header bar with the site name, a navigation menu with links to 'HomePag', 'List foo', 'About u', 'Blog', and 'Contact', and a prominent orange 'Sign Up' button. The central focus is the 'Create your account' registration form. This form contains three input fields: 'Email' (labeled 1), 'Password' (labeled 2), and 'Password confirm' (labeled 3). Below the password fields are radio buttons for gender selection: 'Male' (labeled 7), 'Female', and 'Others'. A checkbox labeled 'I agree to the Term Service' (labeled 4) is positioned below the gender options. At the bottom of the form is a 'Register' button (labeled 6) and a link 'Have account already?' (labeled 5). The footer of the page is green and organized into three columns: 'About us' (with links to Information, User Agreement, and Privacy Policy), 'Blog' (with links to Group, Page, and News), and 'Contact' (with links to Phone number, Facebook, Twitter, and G-mail).

Figure 3: Register

From	Condition	Null	Control Type	Target
1	Input		Read only	Input user's email
2	Input		Textbox	Input user's password

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3	Input		Textbox	Input user's re-password
4	Click		Button	Click to agree term of service
5	Click		Link	Click to go to login page
6	Click		Button	Click to complete register
7	Click		Radio	Click to select sex

3.4. UI-04: Update profile user

The screenshot shows a web browser window titled 'FoodCare'. The browser's address bar shows 'FoodCare'. The page has a green header with the 'FoodCare' logo and a navigation menu with links: 'HomePage', 'List foods', 'About us', 'Blog', 'Contact', 'Profile', and 'Logout'. The 'Profile' link is highlighted. The main content area is titled 'Your account' and contains the following elements:

- Profile Picture:** A placeholder box with a diagonal 'X' (10).
- Account Link:** A link labeled 'Account' (11).
- Change password Link:** A link labeled 'Change password' (12).
- Form Fields:**
 - FirstName:** A text input field (2).
 - Email:** A text input field (1).
 - Sex:** A dropdown menu currently showing 'Male' (6).
 - Description:** A large text area (7).
 - LastName:** A text input field with a date format 'dd/mm/yyyy' (3).
 - Date of birth:** A date picker (4).
 - TargetU:** A text input field (5).
- Buttons:**
 - Update:** A button (9).
 - Cancel:** A button (8).

The footer is green and contains three columns of links:

- About us:** Information, User Agreement, Privacy Policy.
- Blog:** Group, Page, News.
- Contact:** Phone number, Facebook, Twitter, G-mail.

Figure 4: Edit profile user's

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From	Condition	Null	Control Type	Target
1	Input		Read only	Input user's email
2	Input		Textbox	Input user's first name
3	Input		Textbox	Input user's last name
4	Input		Select	Click to select date of birth
5	Input		Textbox	Input user's date of birth
6	Combo box		Textbox	Click to select gender (male/female)
7	Input		Text area	User's description
8	Click		Button	Click to cancel update profile
9	Click		Button	Click to save update profile
10	View		Section	View picture of user's
11	Click		Link	Redirect user's profile
12	Click		Link	Redirect user's change password

3.5. UI-05: Change password

The screenshot shows a web browser window titled 'FoodCare'. The browser's address bar is empty. The website has a green header with the 'FoodCare' logo. Below the header is a navigation bar with links: 'Team LOGO', 'HomePage', 'List foods', 'About us', 'Blog', 'Contact', 'Profile', and 'Logout'. The main content area is titled 'Change password'. It features a sidebar on the left with a 'Team LOGO' (5), an 'Account' link (6), and a 'Change password' link (7). The main form area has a title 'Change password' and two input fields: 'Your password' (8) and 'New' (2). Below these fields are two buttons: 'Change' (4) and 'Cancel' (3). The bottom of the page has a green footer with three columns: 'About us' (Information, User Agreement, Privacy Policy), 'Blog' (Group, Page, News), and 'Contact' (Phone number, Facebook, Twitter, G-mail).

Figure 5: Change password

From	Condition	Null	Control Type	Target
1	Input		Textbox	Input user's old password
2	Input		Textbox	Input user's new password
3	Click		Button	Click to cancel change password
4	Click		Button	Click to save new password

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5	View		Section	View picture of user's
6	Click		Link	Redirect user's profile
7	Click		Link	Redirect user's change password
8	Click		Button	View password of user's

3.6. UI-06: Browse food

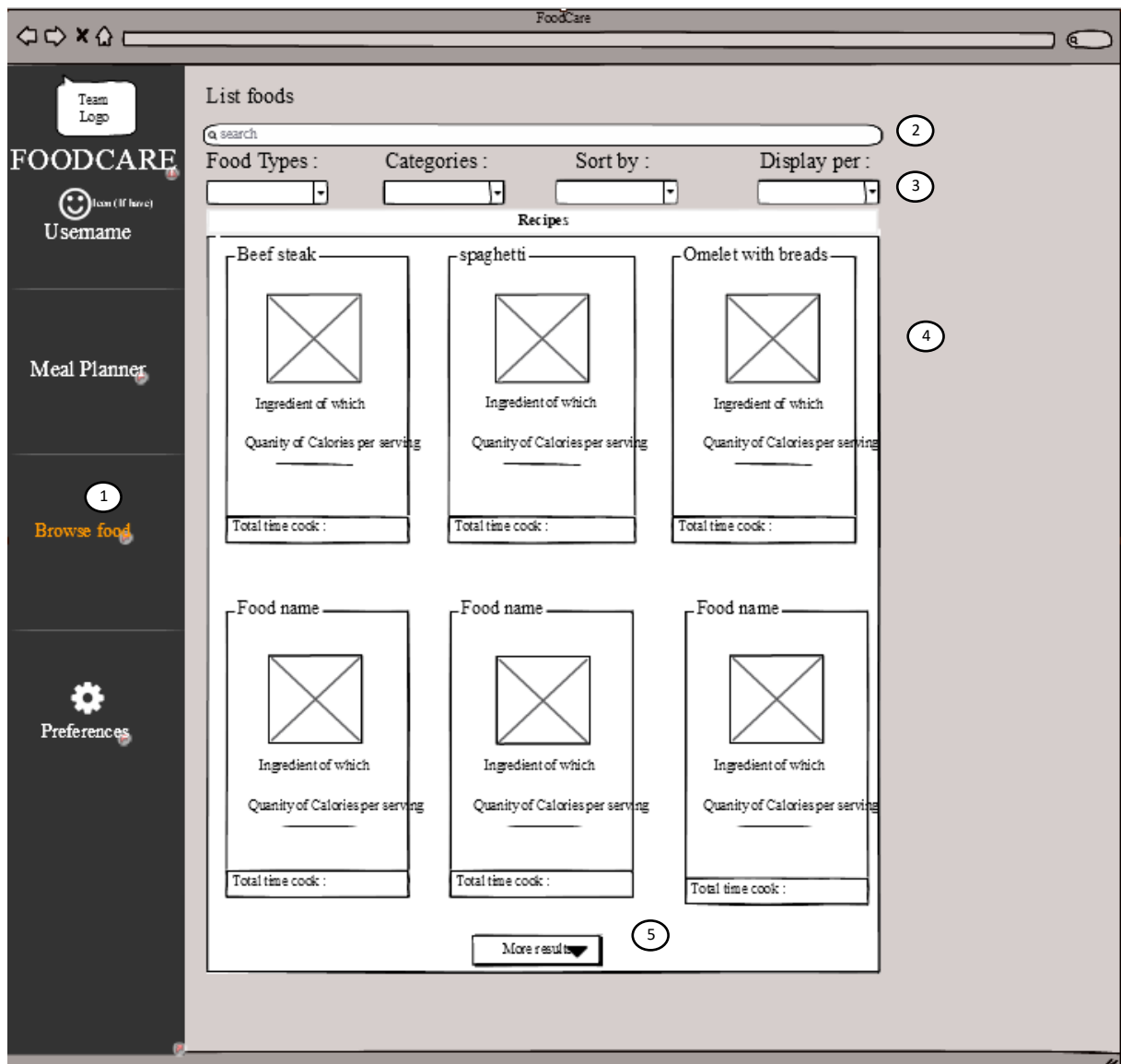


Figure 6: Browse food

From	Condition	Null	Control Type	Target
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1	Click		Link	Click select option
2	Input		Textbox	Input food name
3	Combo box		Textbox	Click to select filter
4	View		Section	View details of food
5	Button		Textbox	Click to show more foods

3.7. UI-07: Profile (Edit status profile)

The screenshot shows a web browser window titled 'FoodCare'. The browser's address bar is empty. The website has a green header with the 'FoodCare' logo and a navigation menu with links: 'Team LOG', 'HomePage', 'List foods', 'About us', 'Blog', 'Contact', 'Profile', and 'Logout'. The main content area is titled 'Edit your status profile'. It features a profile picture placeholder (a box with an 'X') and a sidebar with links: 'My profile' and 'Change password'. The main form contains the following fields and options:

- I want to:** A row of four buttons: 'Lose weight', 'Maintain', 'Gain weight', and 'Build muscle'.
- I am:** A row of two buttons: 'Male' and 'Female'.
- Height:** A text input field with 'm' inside, followed by a unit selector dropdown currently showing 'cm'.
- Weight:** A text input field with 'kgs' inside.
- Age:** A date picker widget.

At the bottom of the form are two buttons: 'Update' and 'Cancel'. The footer of the website is green and contains three columns of links:

- About us:** Information, User Agreement, Privacy Policy.
- Blog:** Group, Page, News.
- Contact:** Phone number, Facebook, Twitter, Gmail.

Figure 7: Meal planner

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From	Condition	Null	Control Type	Target
1	Button		Select	Click select option
2	Button		Select	Click to select sex
3	Input		TextBox	Input your height(unit : m)
4	Input		TextBox	Input your height(unit : cm)
5	Input		TextBox	Input your weight(unit : kgs)
6	Input		Select	Click to select date of birth
7	Button		Select	Click to cancel update profile
8	Button		Select	Click to update profile

3.8. UI-08: Preferences (Meal & Layout)

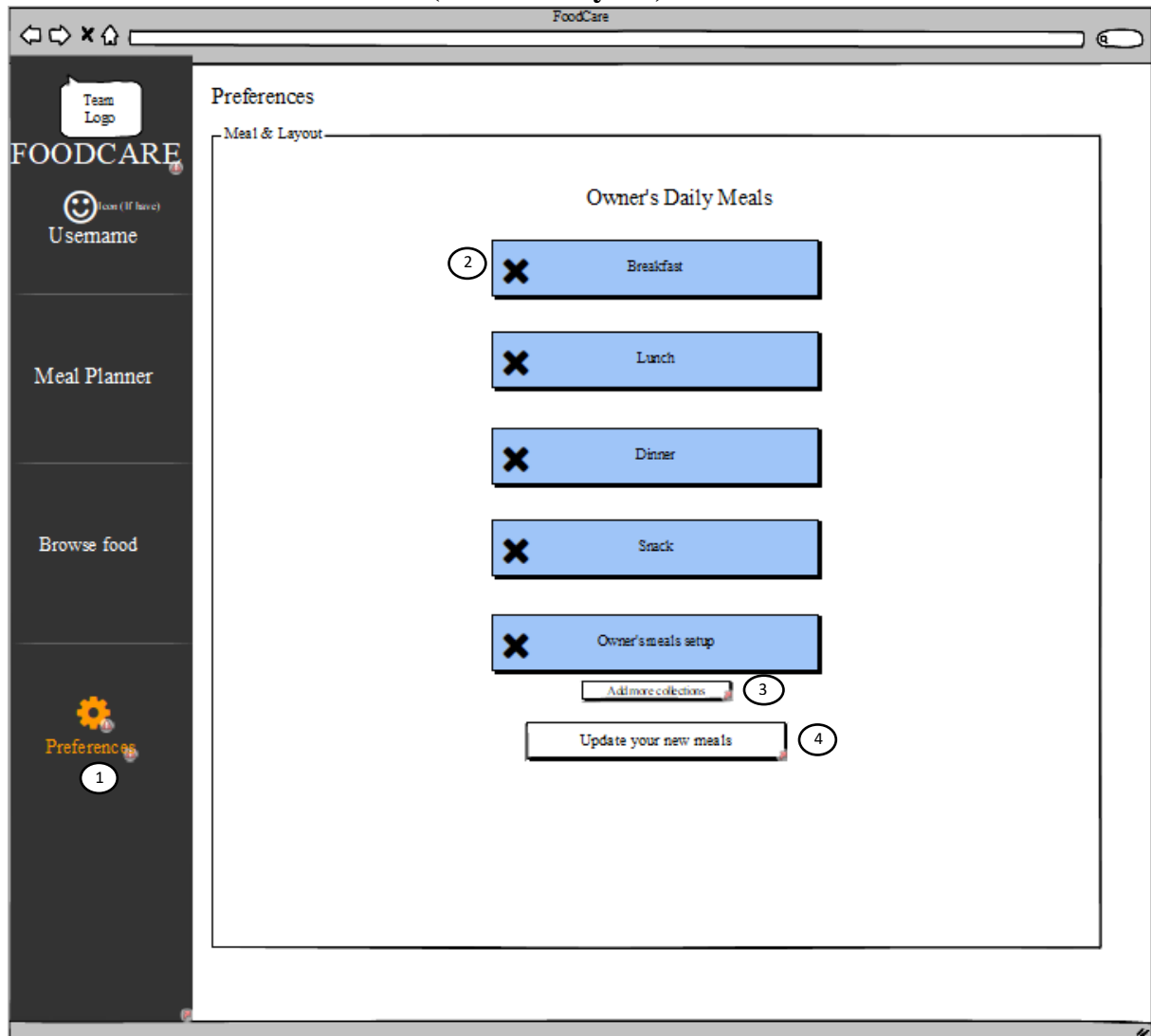


Figure 8: Meal & Layout

From	Condition	Null	Control Type	Target
1	Click		Link	Click select option
2	Click		Button	Click to delete your option
3	Click		Button	Click to add more your option
4	Click		Button	Click to update your option

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3.9. UI-9: Preferences (Rate foods)

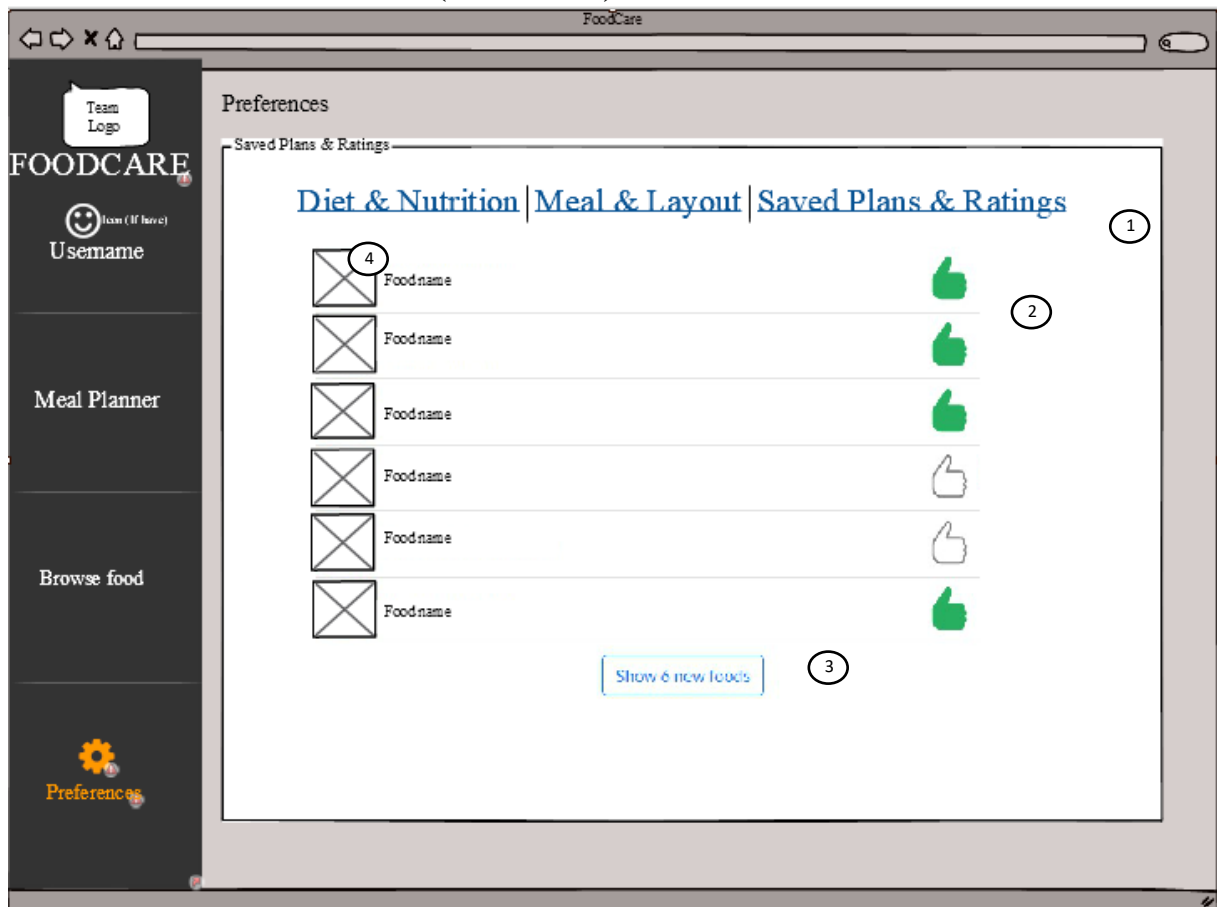


Figure 9: Rate foods

From	Condition	Null	Control Type	Target
1	Click		Link	Click select option
2	Click		Select	Click to select your favourite food
3	Click		Button	Click to show more foods
4	Click		TextBox	Click to show foods has been evaluated
5	View		Image	View food's image

3.10. UI-10: Preferences (Diet & Nutrition)

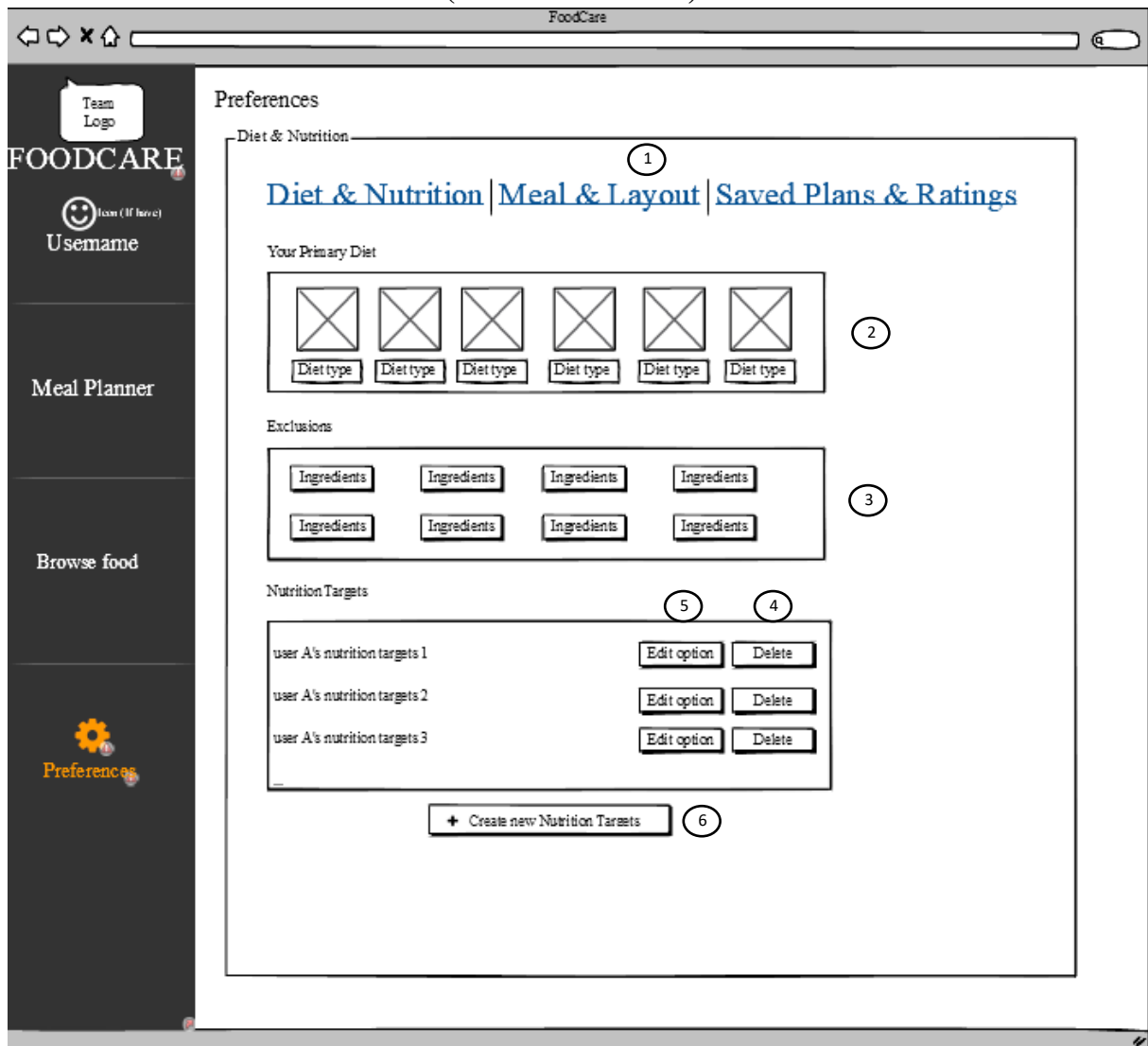


Figure 10: Diet & Nutrition

From	Condition	Null	Control Type	Target
1	Click		Link	Click select option
2	Click		Select	Click to select Diet type
3	Click		Select	Click to select ingredients
4	Click		Button	Click to delete nutrition target
5	Click		Button	Click to edit nutrition target
5	Click		Modal	Click to add new nutrition target

3.11. UI-11: Preferences (Nutrition Profile Options)

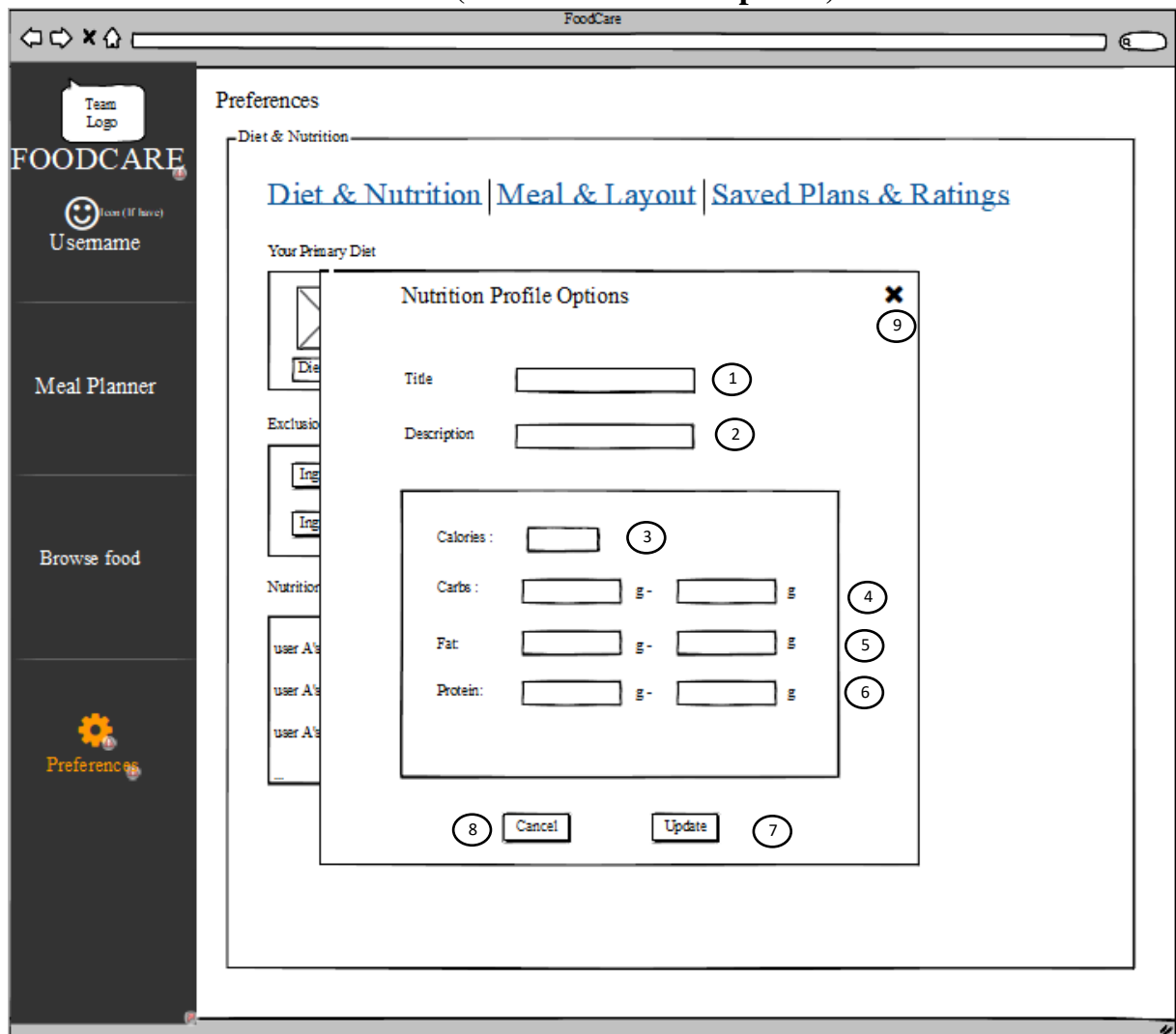


Figure 11: Nutrition Profile Options

From	Condition	Null	Control Type	Target
1	Input		TextBox	Input nutrition title
2	Input		TextBox	Input nutrition description
3	Input		TextBox	Input calories ingredient
4	Input		TextBox	Input cabs ingredient
5	Input		TextBox	Input fats ingredient
6	Input		TextBox	Input protein ingredient
7	Click		Button	Click to update new nutrition target

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8,9	Click		Button	Click to close new nutrition target modal
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3.12. UI-12: Preferences (Meal & Layout)

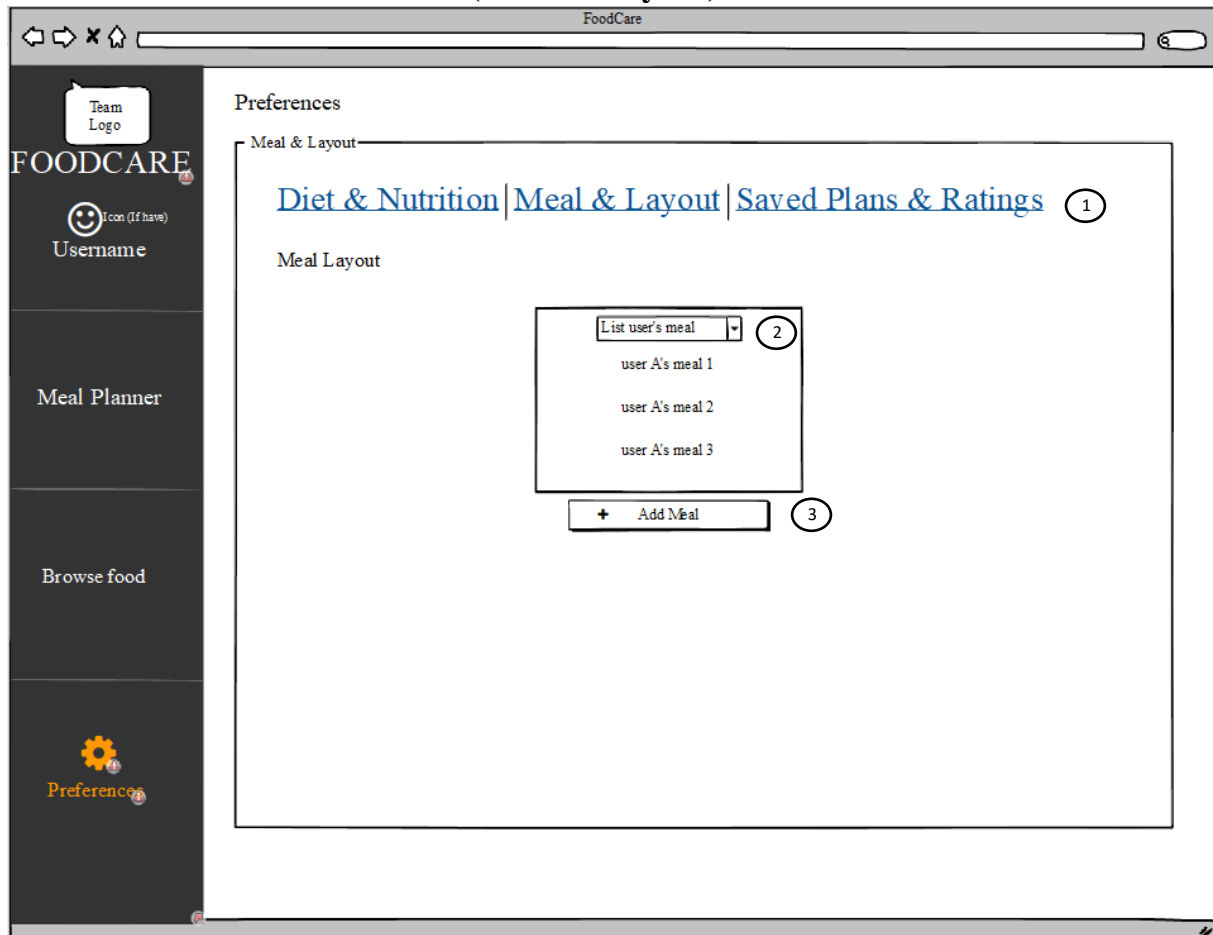


Figure 12: Meal & Layout

From	Condition	Null	Control Type	Target
1	Click		Link	Click select option
2	Click		Dropdown	Click to show list user's meal
3	Click		Button	Click to show add new meal modal

3.13. UI-13: Preferences (Add meals to the weekly planner)

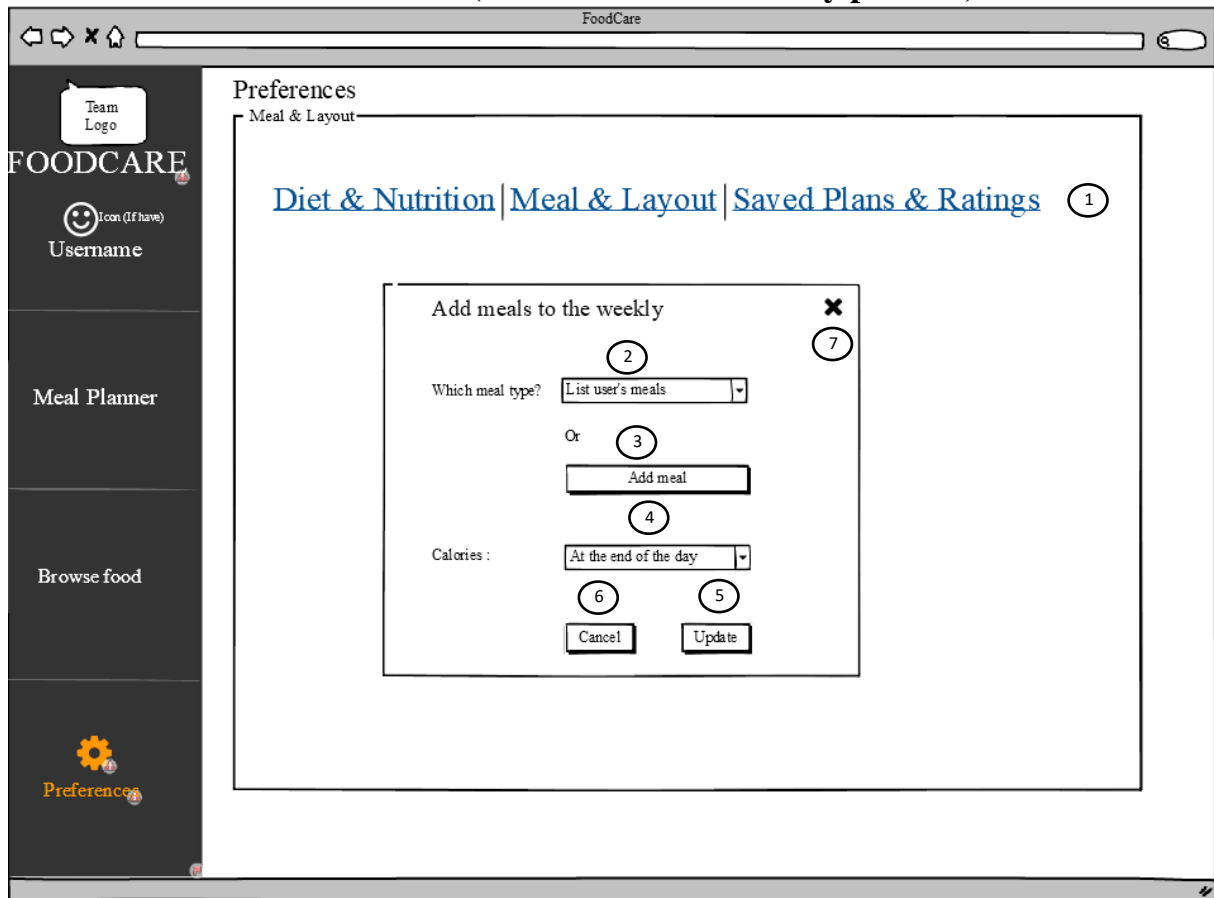


Figure 13: Add meals to the weekly planner

From	Condition	Null	Control Type	Target
1	Click		Link	Click select option
2	Click		Dropdown	Click to show list user's meal
3	Click		Button	Add new user's meal
4	Click		Dropdown	Click to select the day
5	Click		Button	Click to update new user's meal
6,7	Click		Button	Click to close add meal modal

3.14. UI-14: Preferences (Meal Settings)

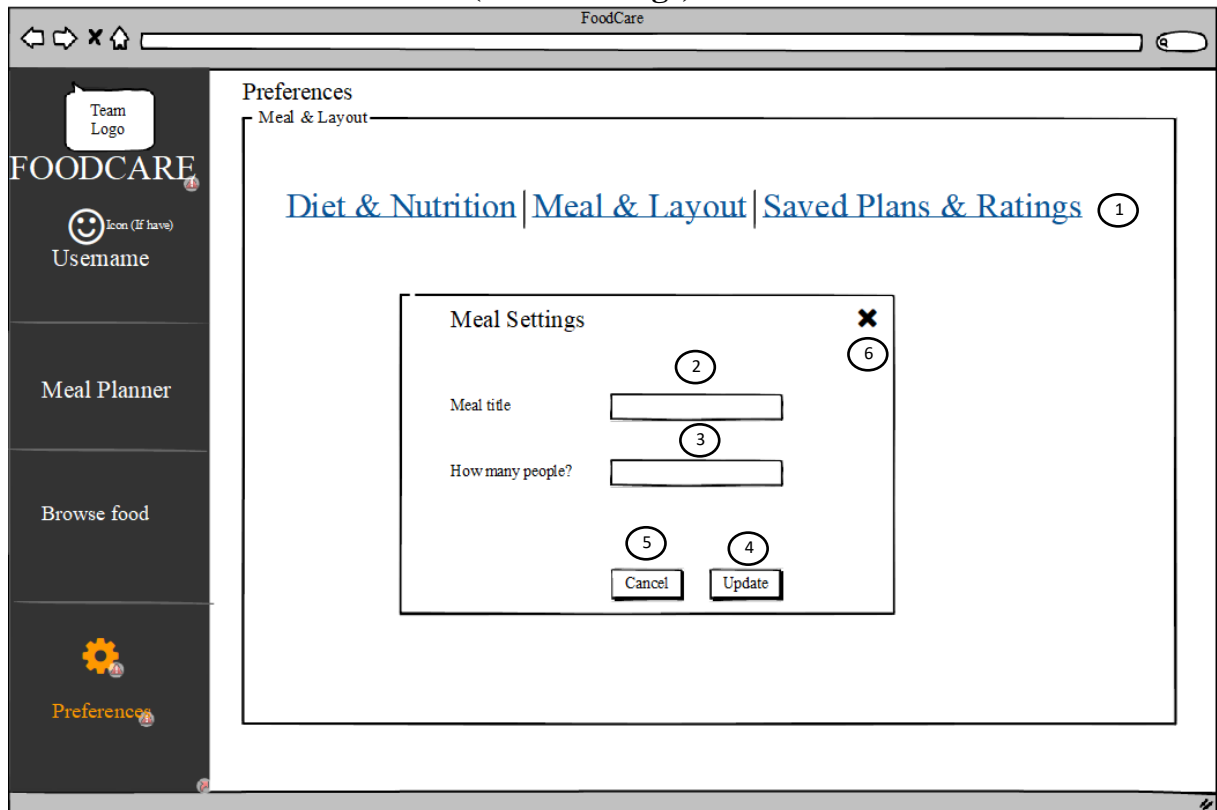


Figure 14: Meal Settings

From	Condition	Null	Control Type	Target
1	Click		Link	Click select option
2	Input		TextBox	Input meal title
3	Input		TextBox	Input quantity person
4	Click		Button	Click to update meal setting
5,6	Click		Button	Click to close meal setting modal

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3.15. UI-15: Collections

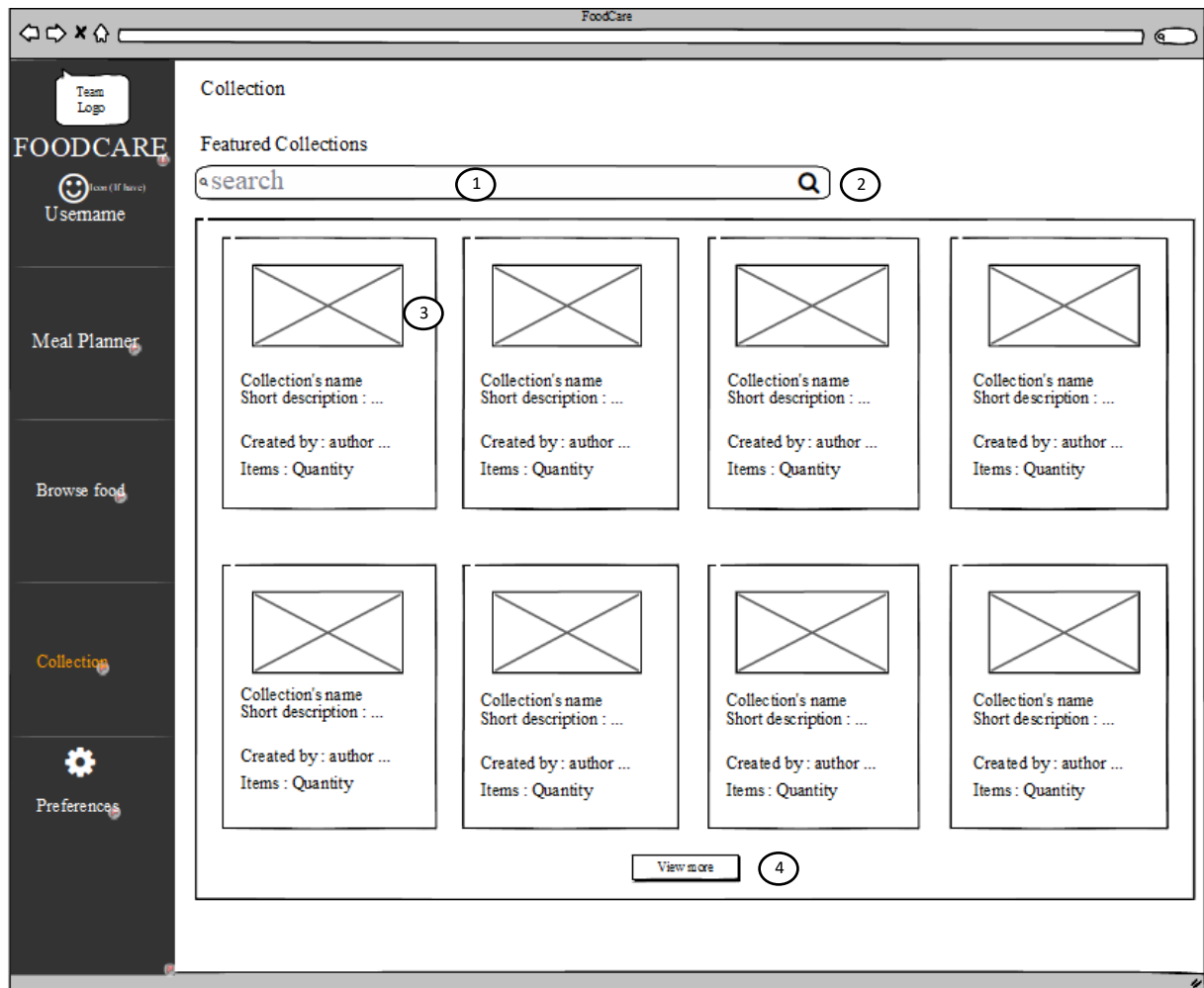


Figure 15: Collections

From	Condition	Null	Control Type	Target
1	Input		TextBox	Input collection need to find
2	Click		Button	Click to query collection need to find
3	View		Selection	Show recommended collections
4	Click		Butoon	Click to view more collection

3.16. UI-16: Detail of collection

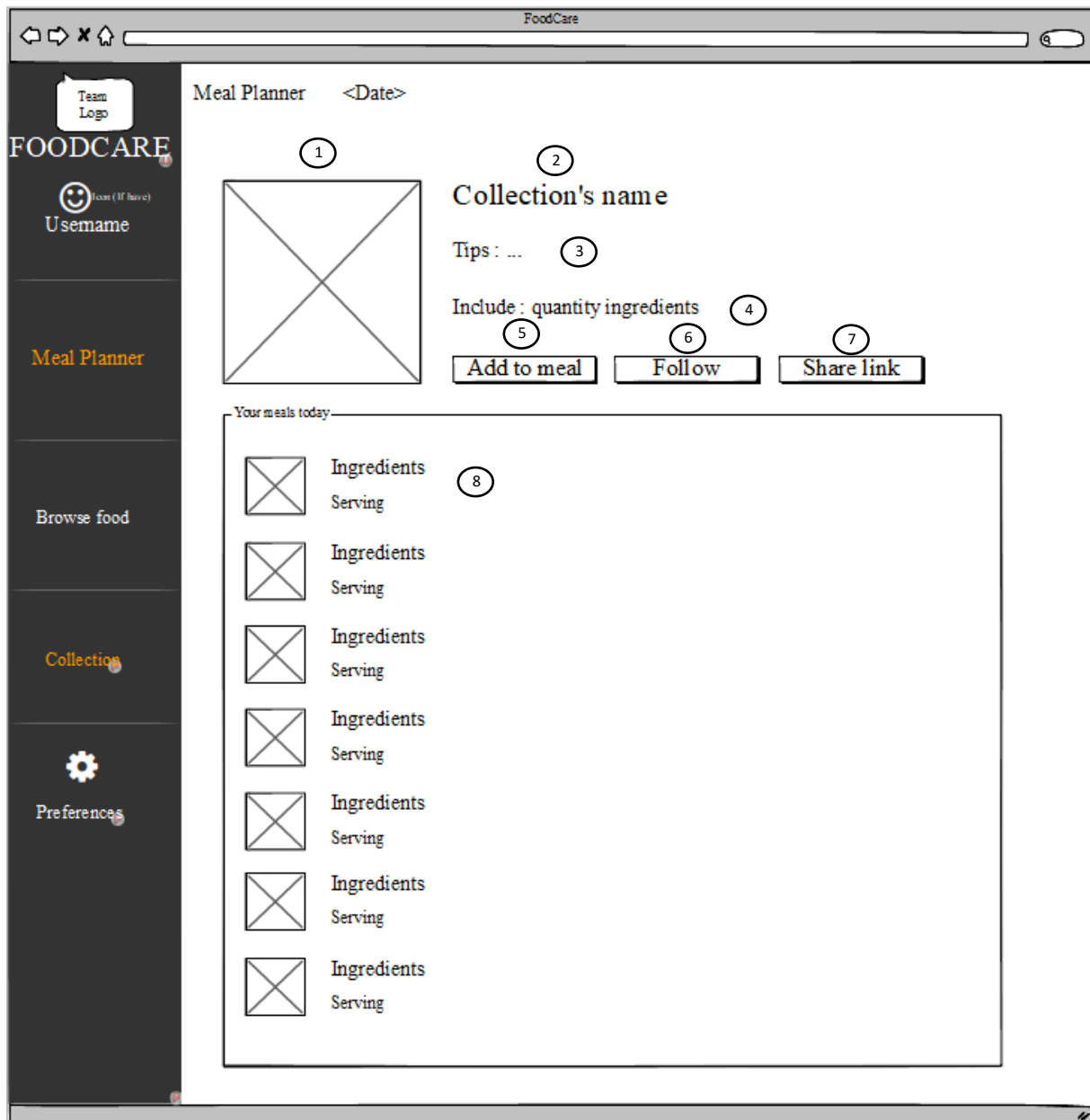


Figure 16: Detail of collection

From	Condition	Null	Control Type	Target
1	View		Label	Show collection's thumbnail
2	View		Label	Show collection's name
3	View		Label	Show collection's tips
4	View		Label	Show collection's quantity ingredients

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5	Click		Button	Add more meal
6	Click		Button	Follow that collection
7	Click		Button	Share information of collection
8	View		Label	Show all ingredients of collection

3.17. UI-17: Dashboard (Manage users)

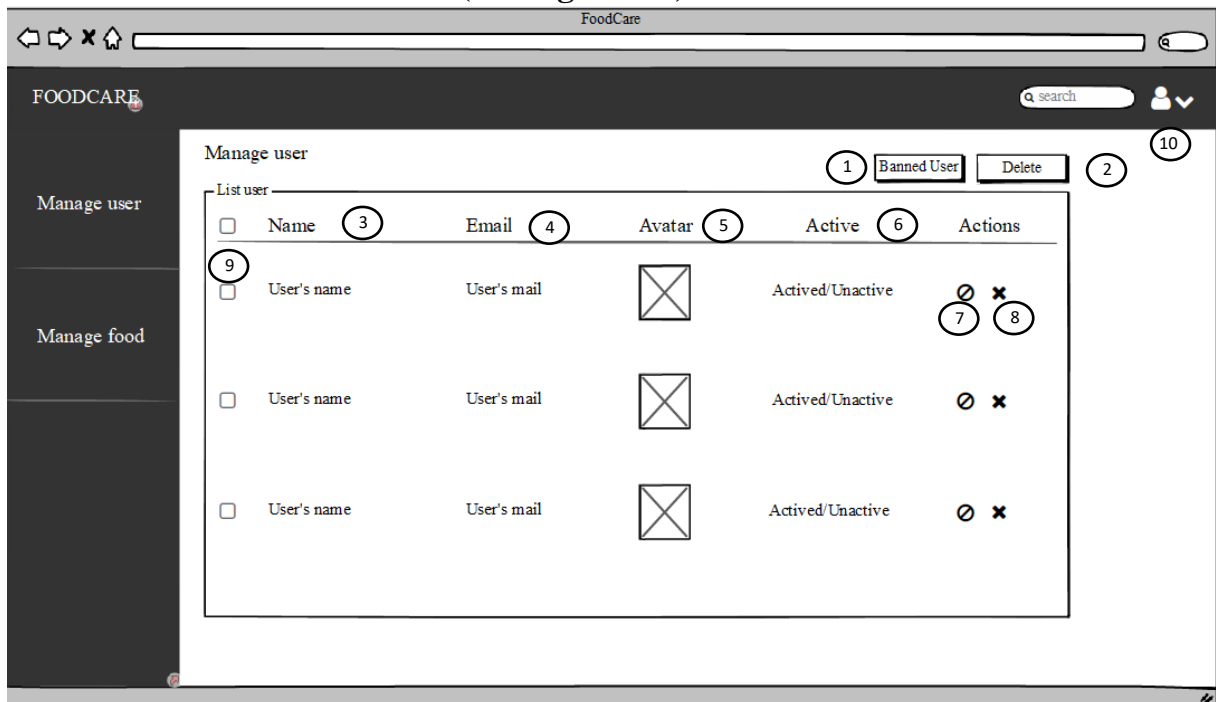


Figure 17: Manage users

From	Condition	Null	Control Type	Target
1	Click		Button	Click to ban user accounts
2	Click		Button	Click to delete user accounts
3	View		Column	Show user's name column
4	View		Column	Show user's email list
5	View		Column	Show user's avatar list
6	View		Column	Show user's status list
7	Click		Button	Click to ban a user list

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8	Click		Button	Click to delete a user account
9	Click		Select	Click to select user account
10	Click		Button	Click to show admin profile

3.18. UI-18: Dashboard (Manage foods)

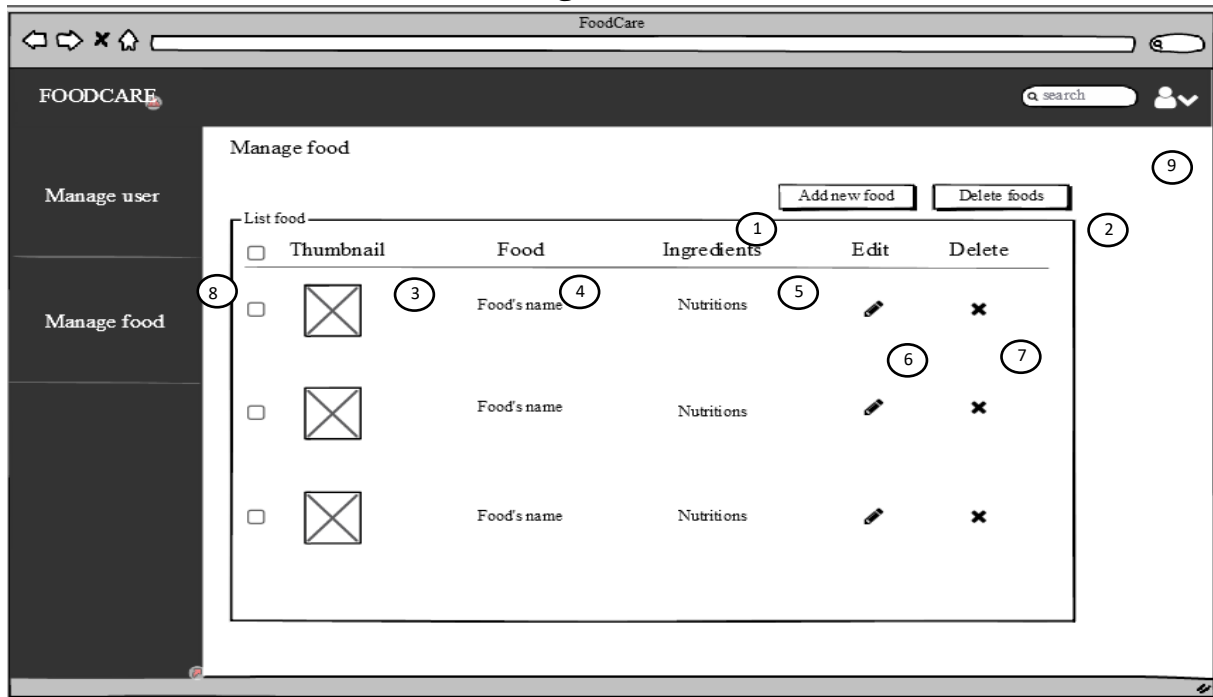


Figure 18: Manage foods

From	Condition	Null	Control Type	Target
1	Click		Button	Click to add new food
2	Click		Button	Click to delete foods
3	View		Column	Show food's thumbnail list
4	View		Column	Show food's name list
5	View		Column	Show food's ingredients list
6	View		Column	Click to edit a food
7	Click		Button	Click to delete a food
8	Click		Button	Click to select foods
9	Click		Select	Click to show admin profile