DUY TÂN UNIVERSITY

International School

Capstone Project 2

CMU-SE 451

User Interface Design

Version 1.2

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Food Care

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PROJECT INFORMATION

Project acronym	FC		
Project Title	Food Care		
Start Date	01 Mar, 2021	**End Date**	25 May, 2021
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REVISION HISTORY

Version	Date	Comments	Author	Approval
1.0	10/3/2021	Initial Release	Ton That Minh Huy	
1.1	20/4/2021	Updated document	Ton That Minh Huy	
1.2	25/5/2021	Updated document	Ton That Minh Huy	

Document Approval

The following signatures are required for approval of this document

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Contents

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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
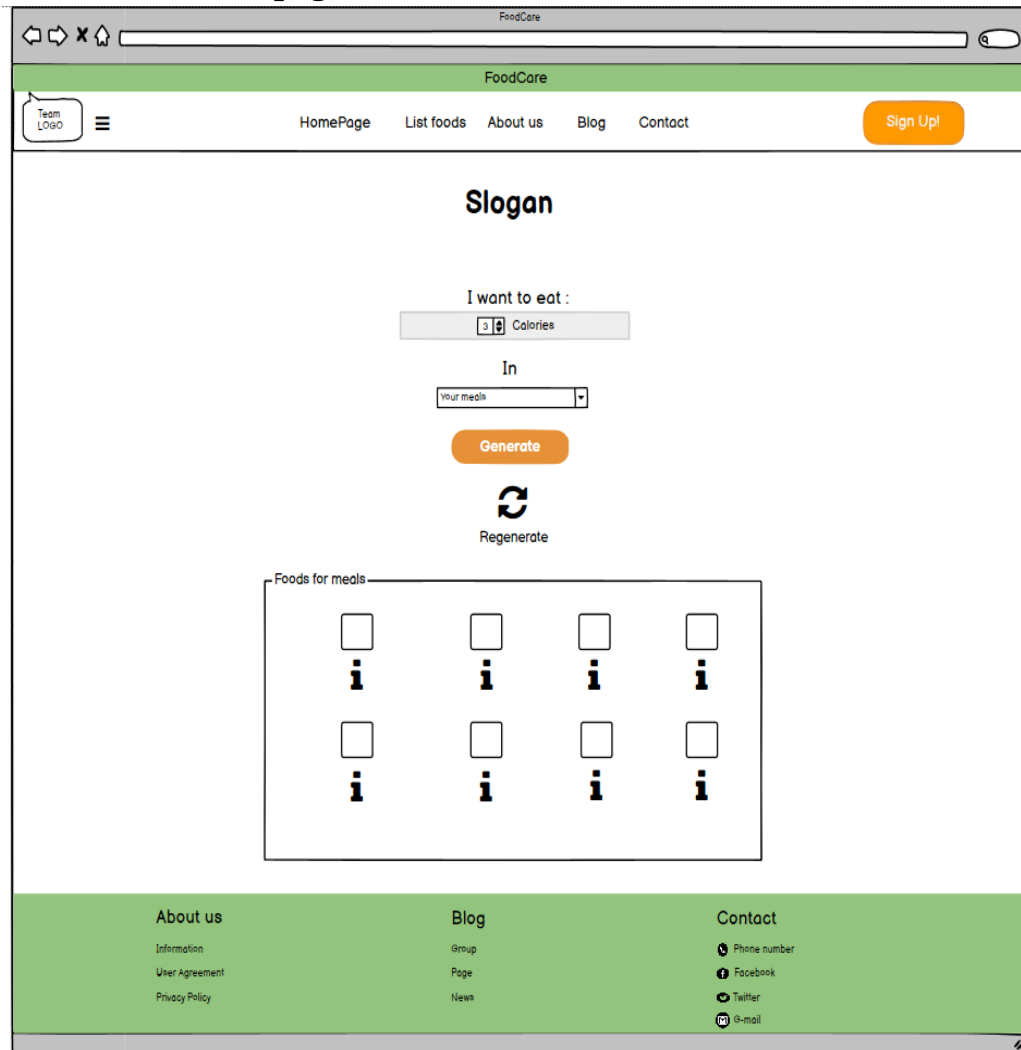
Figure 1: Homepage

From	Condition	Null	Control Type	Target
1	View		Section	Display homepage

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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

6	Click		Button	Click to login into the homepage

3.3. UI-03: Register

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

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

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3.5. UI-05: Change password

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

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

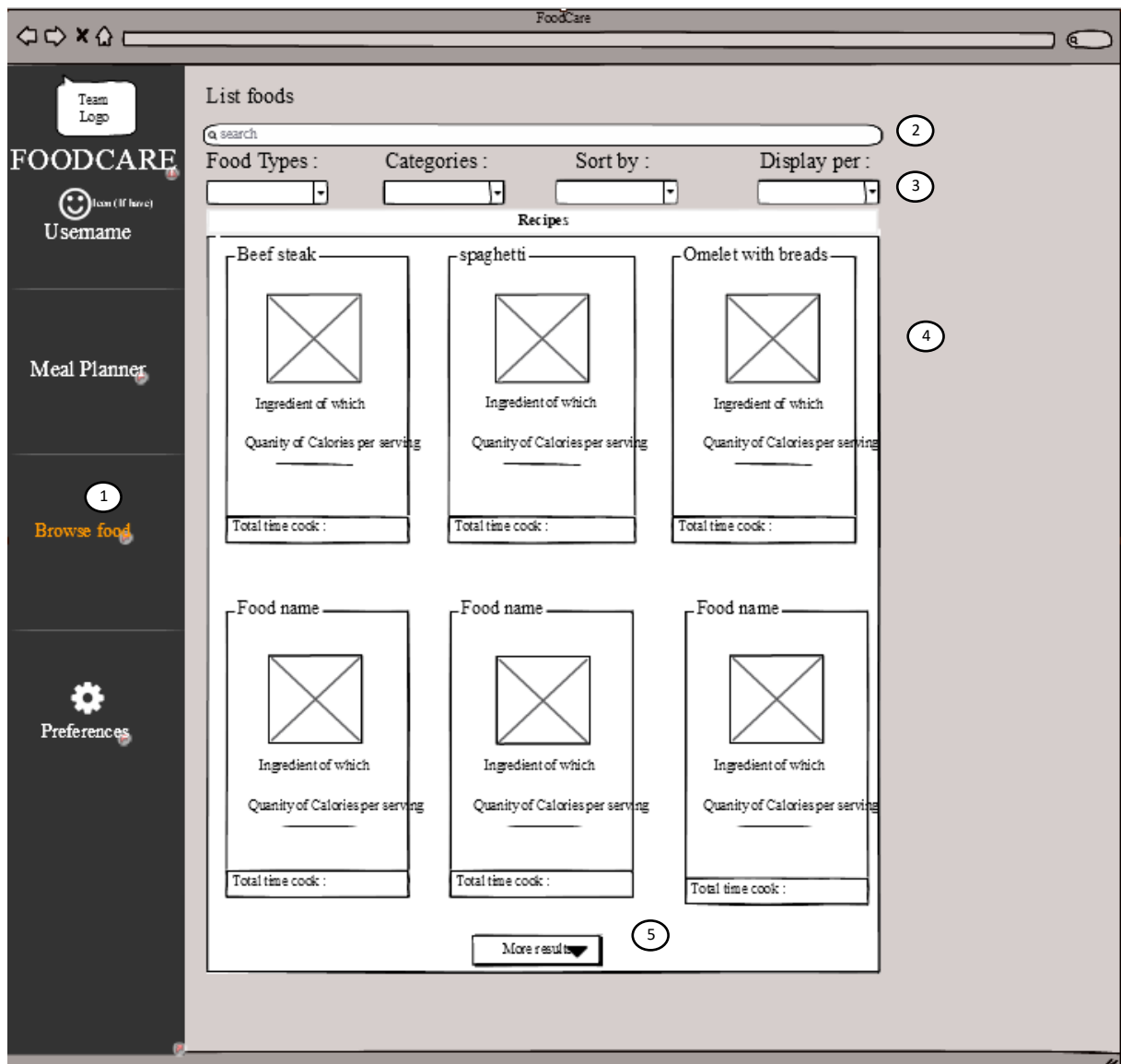### 3.6. UI-06: Browse food

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)

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

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3.8. UI-08: Preferences (Meal & Layout)
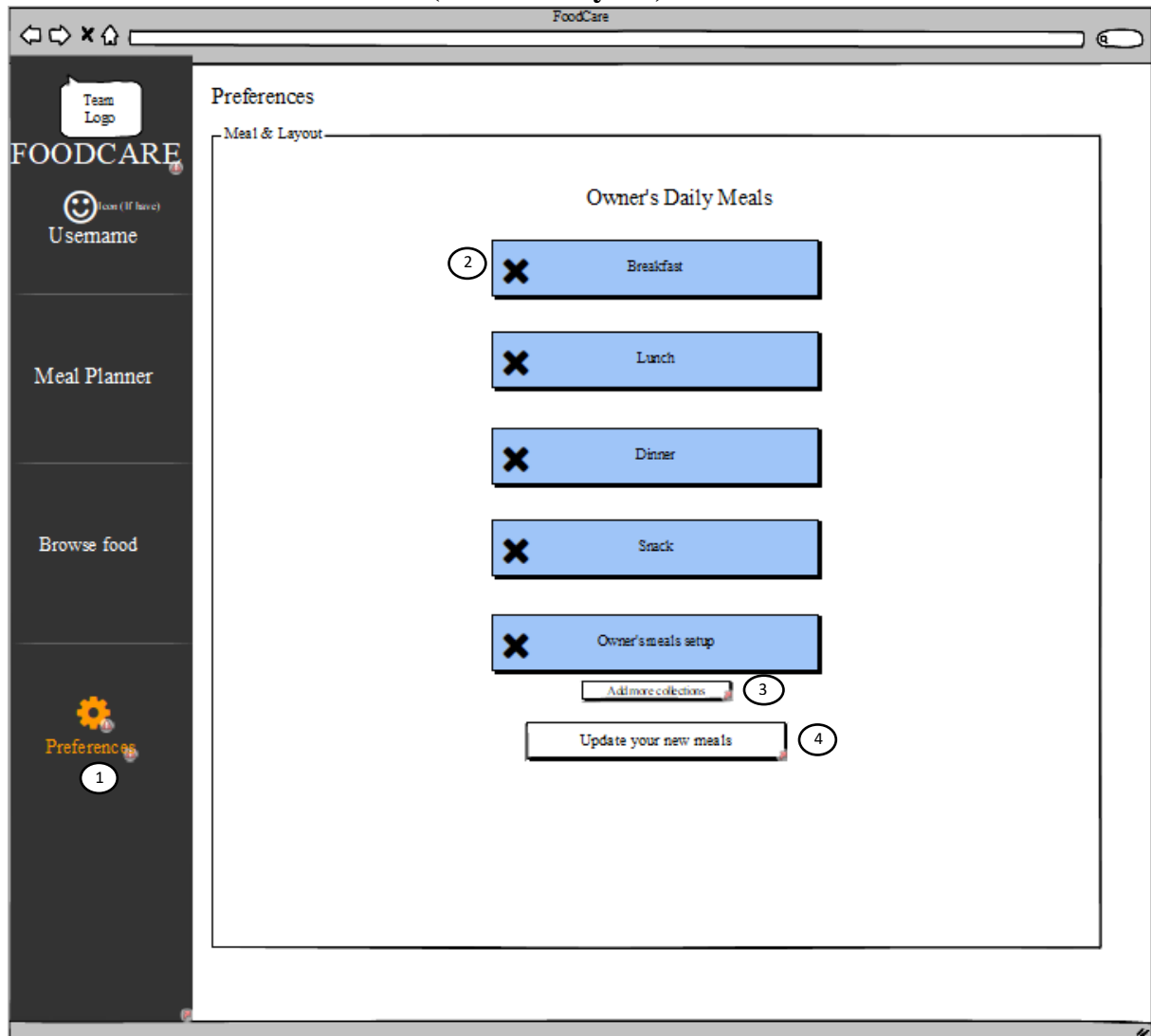
Figure 8: Meal & Layout

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)
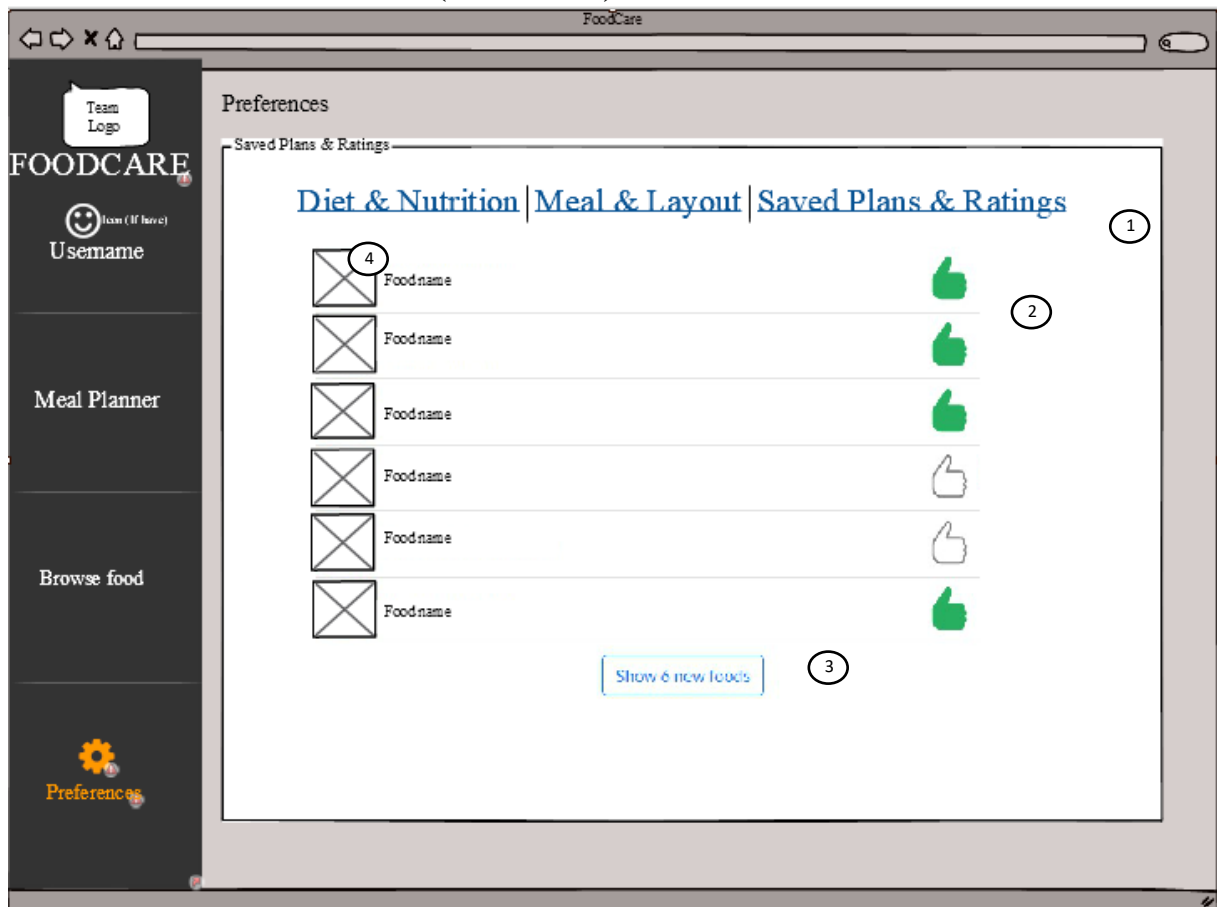
Figure 9: Rate foods

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

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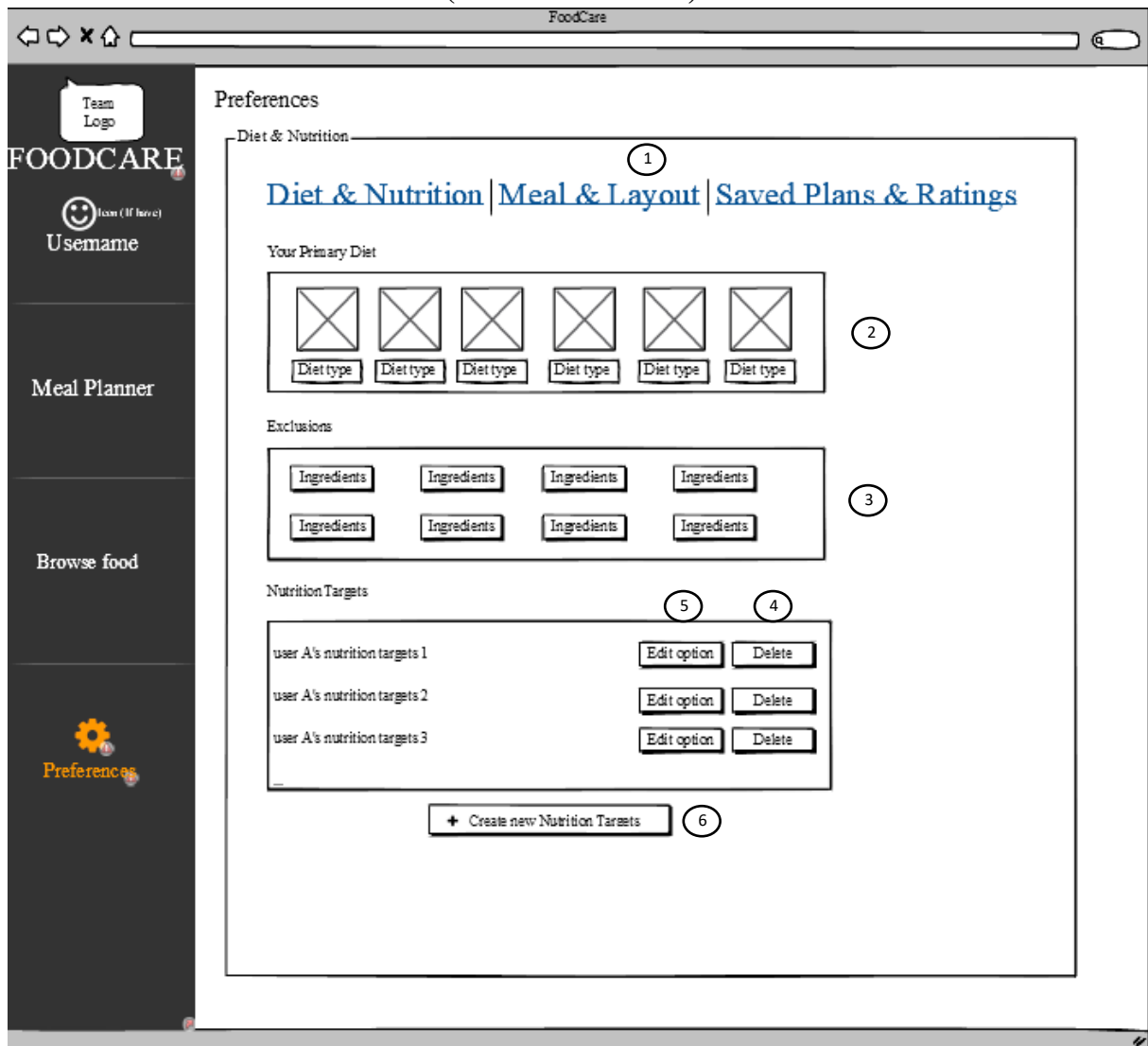
Figure 10: Diet & Nutrition

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)
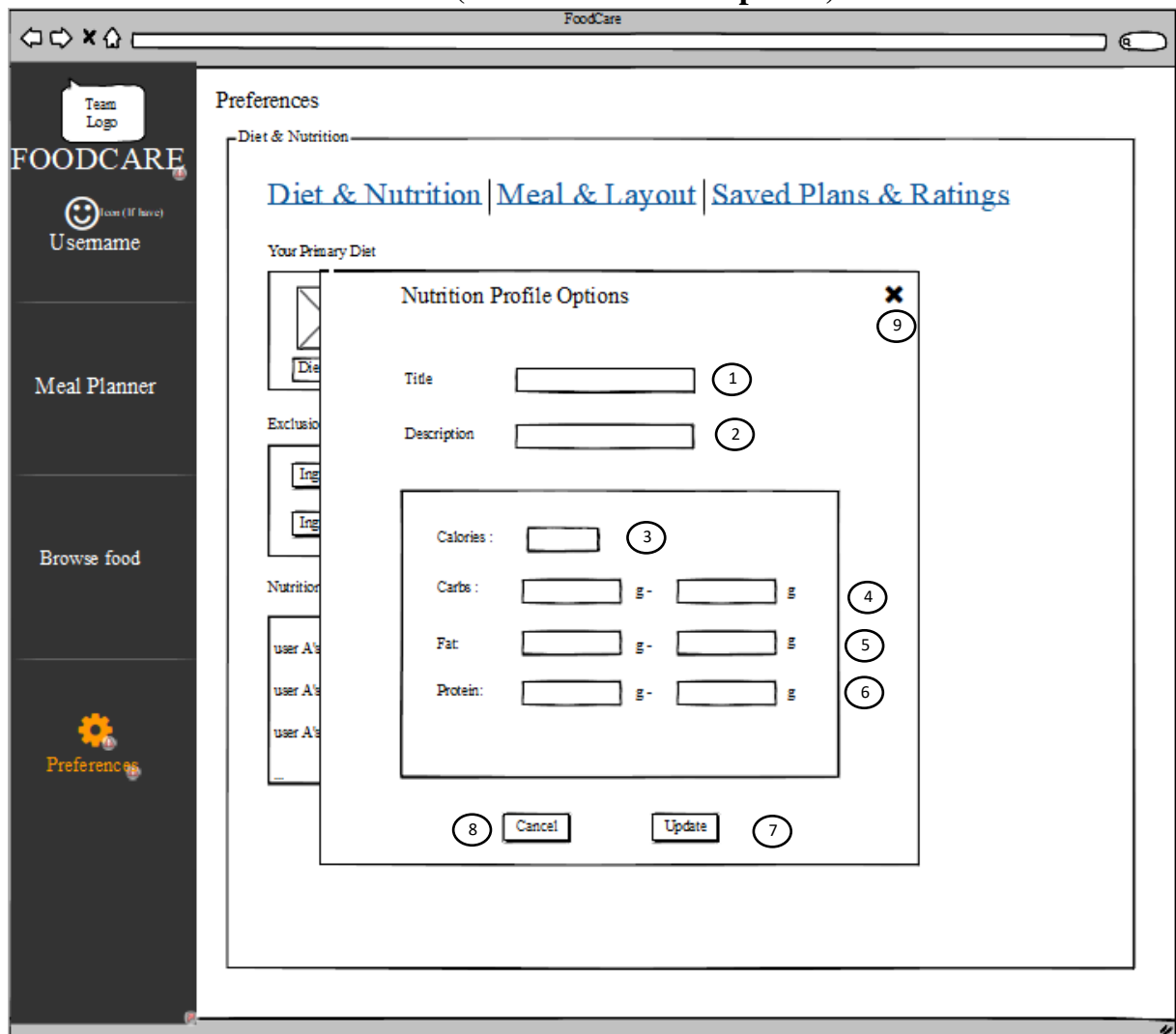
Figure 11: Nutrition Profile Options

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

3.12. UI-12: Preferences (Meal & Layout)
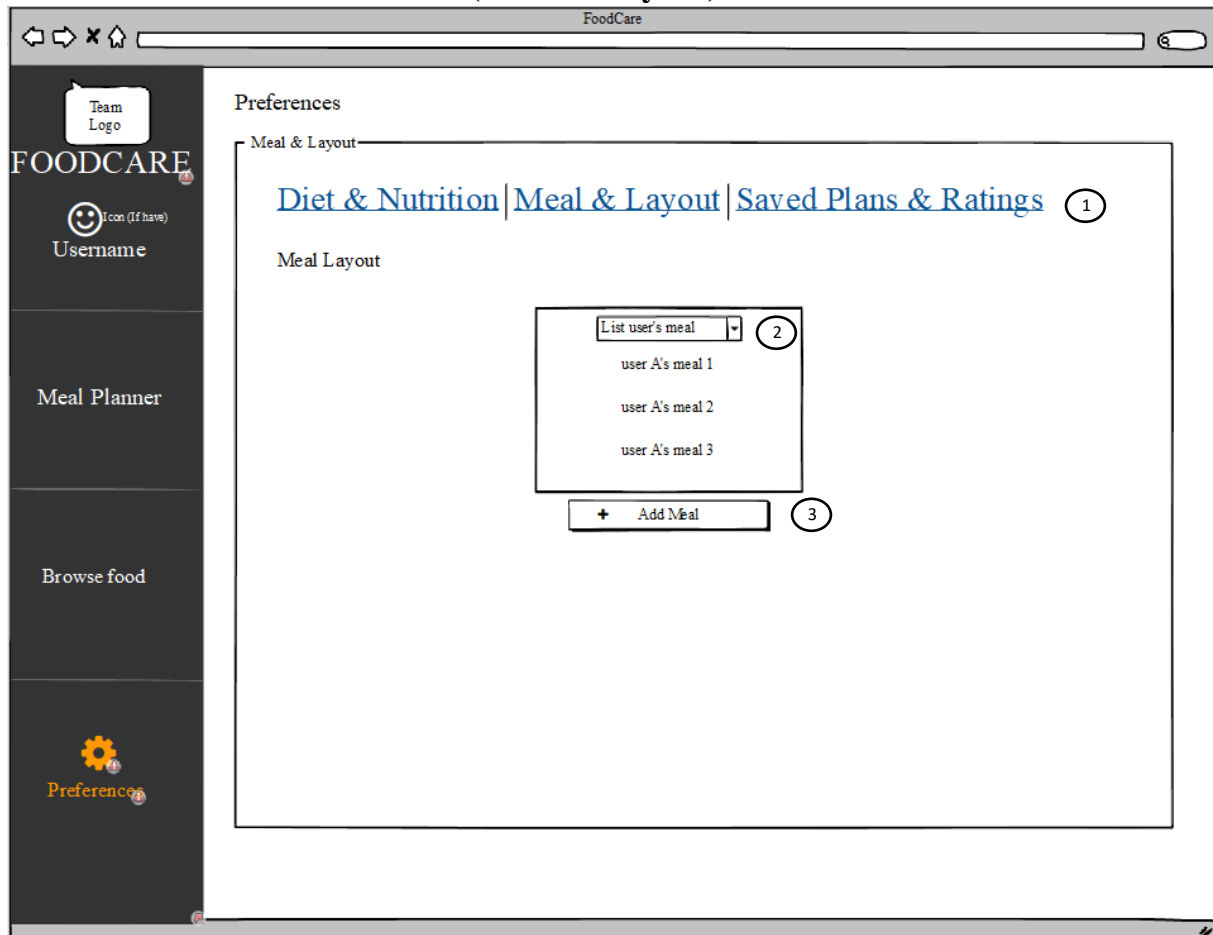
Figure 12: Meal & Layout

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)
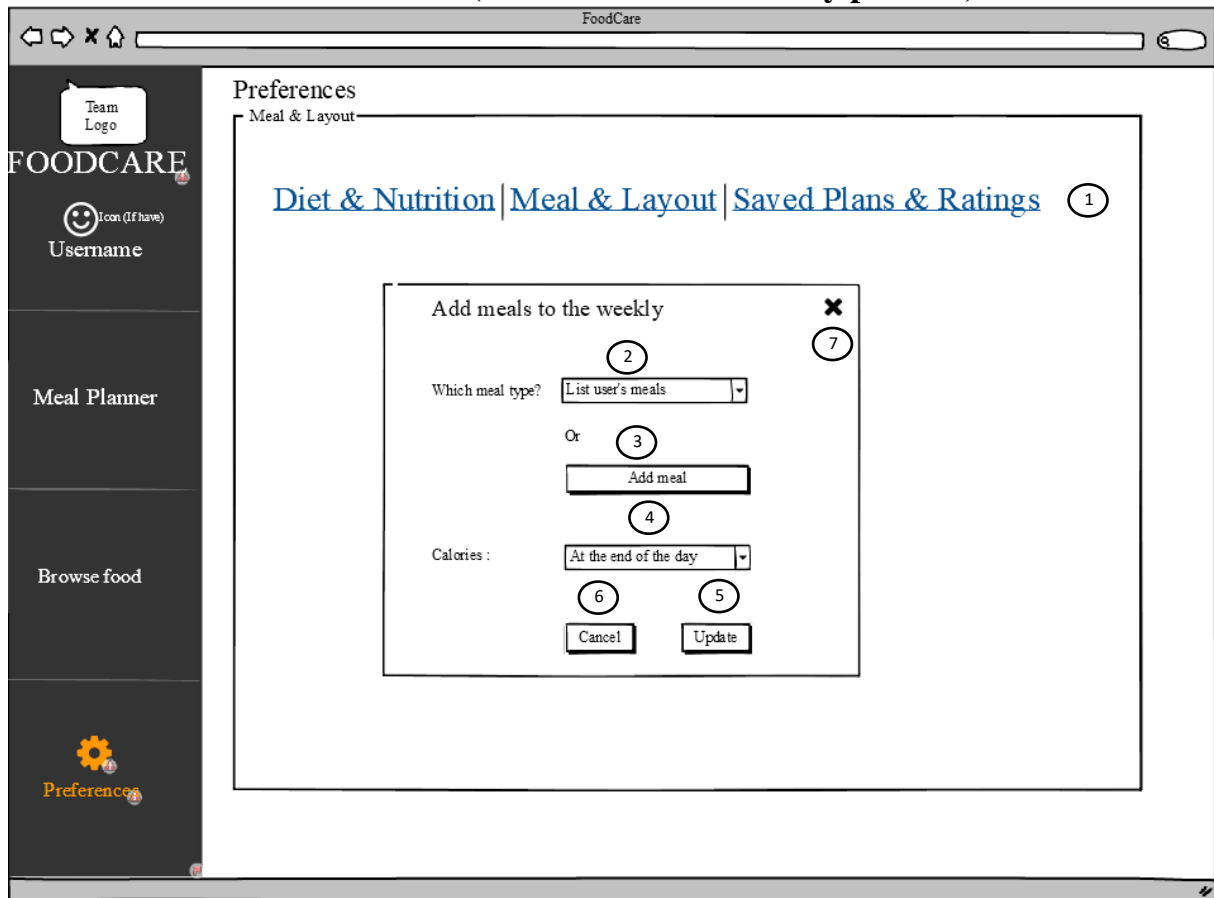
Figure 13: Add meals to the weekly planner

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

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3.14. UI-14: Preferences (Meal Settings)
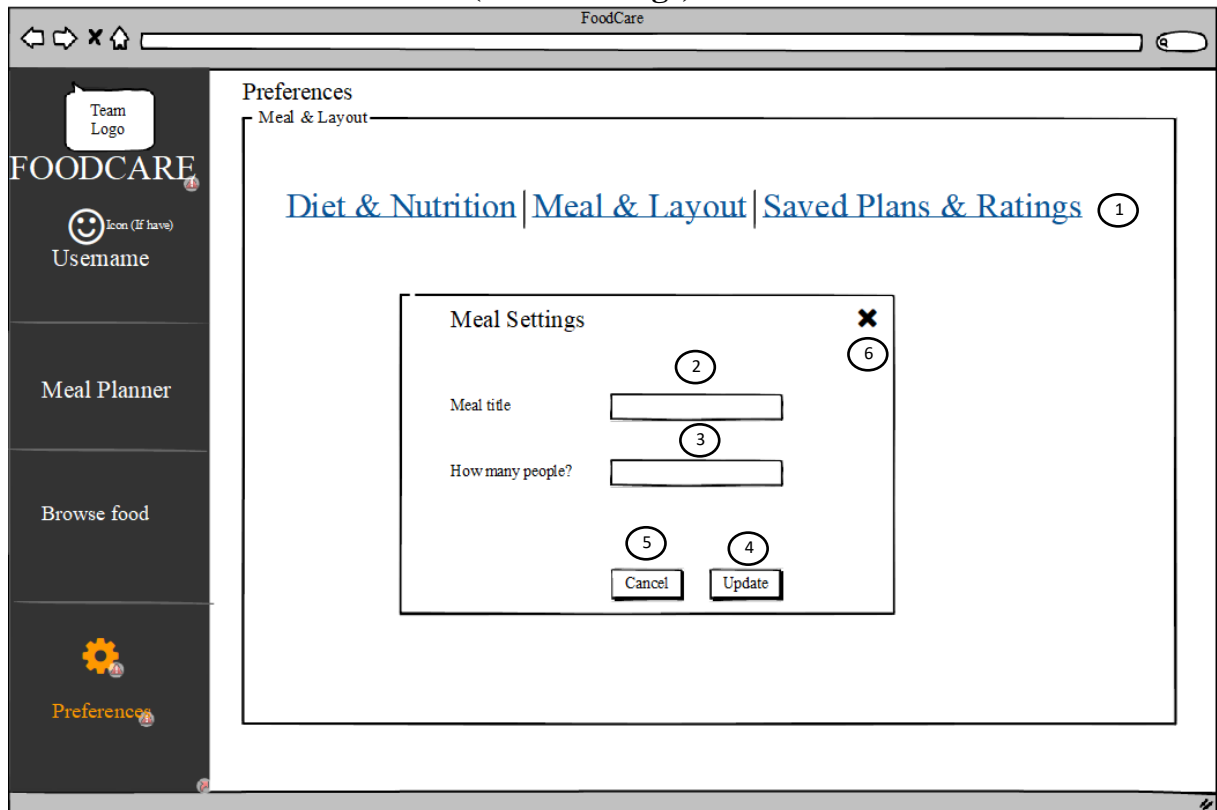
Figure 14: Meal Settings

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

3.15. UI-15: Collections
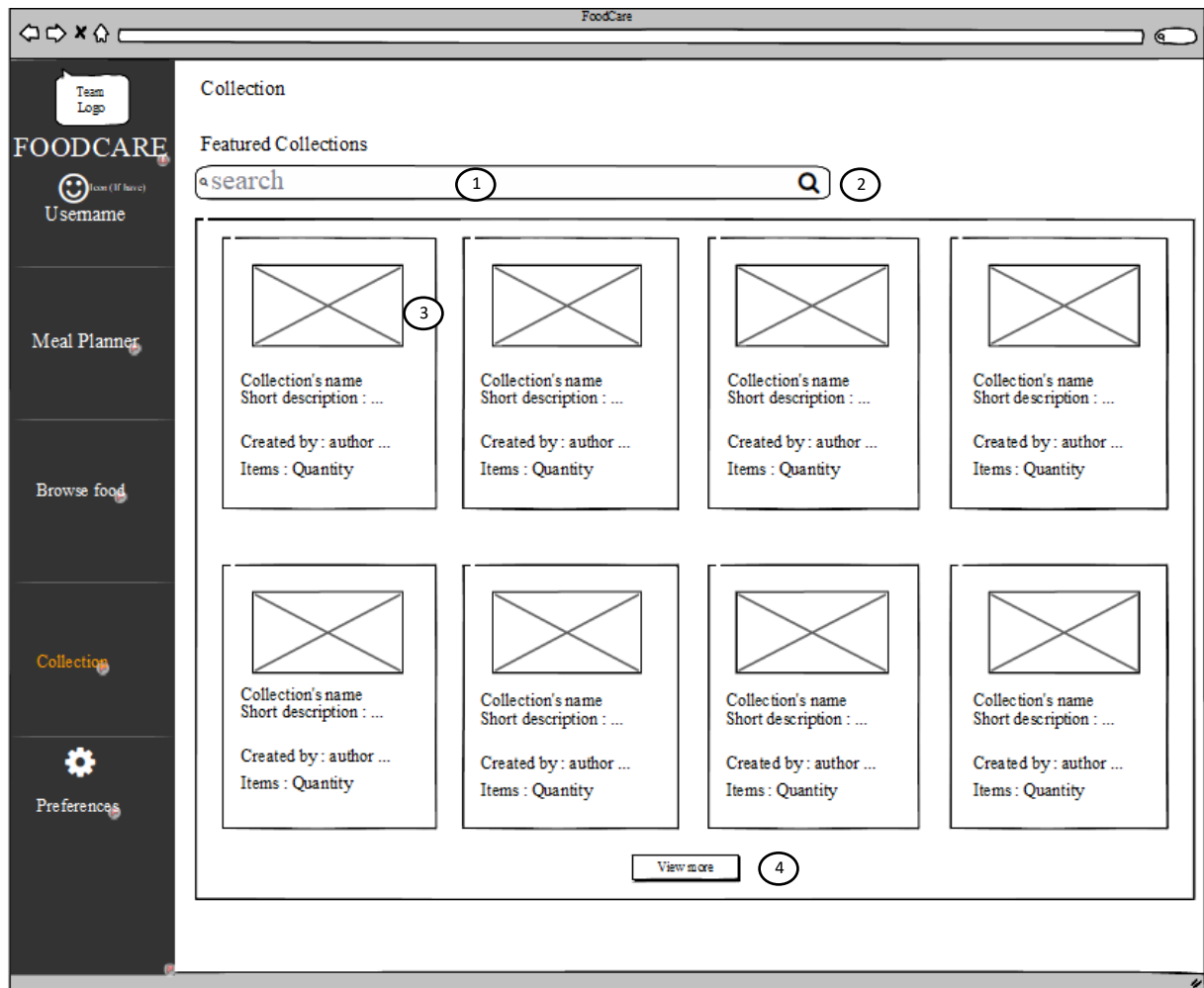
Figure 15: Collections

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

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3.16. UI-16: Detail of collection
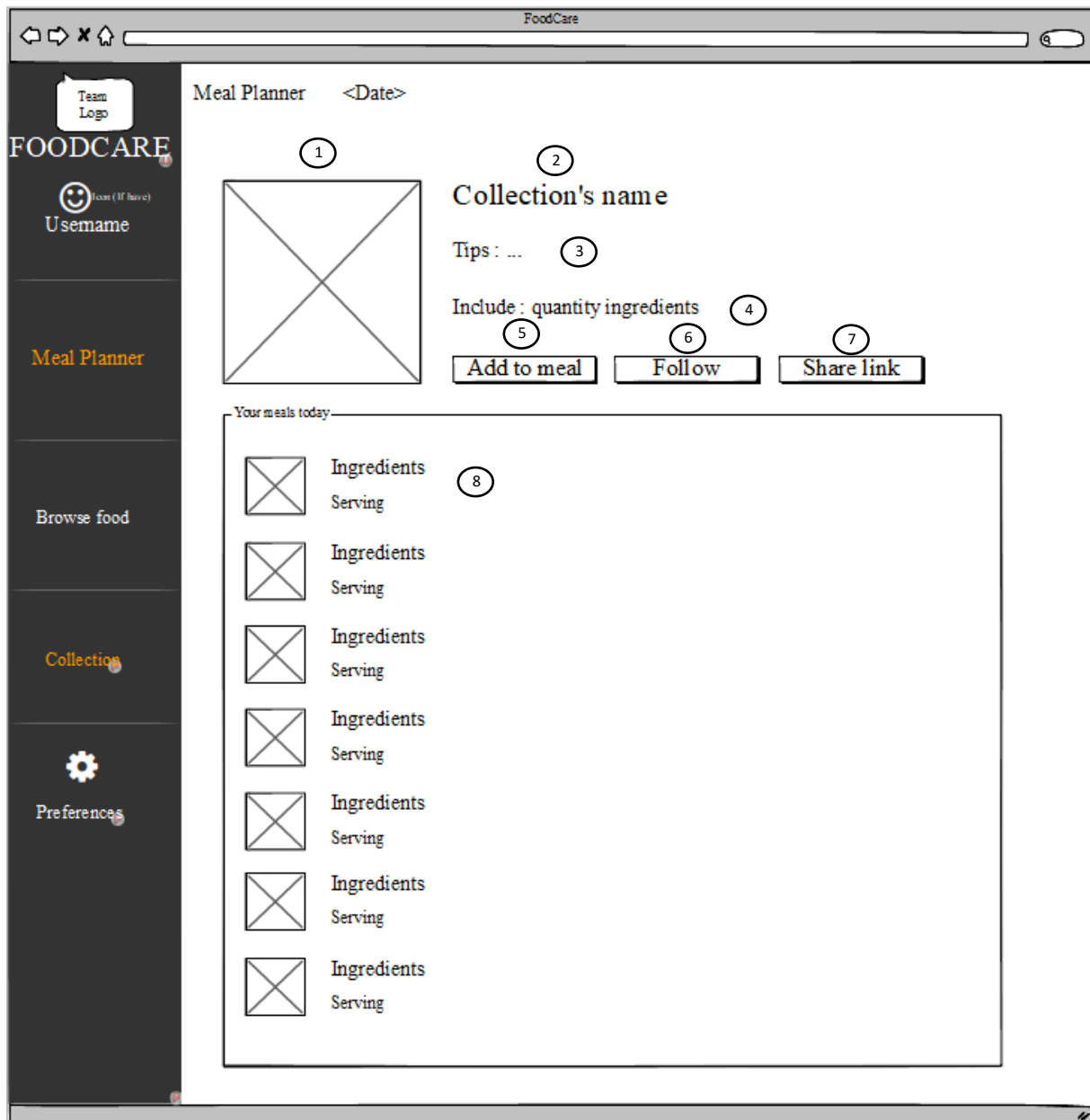
Figure 16: Detail of collection

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)
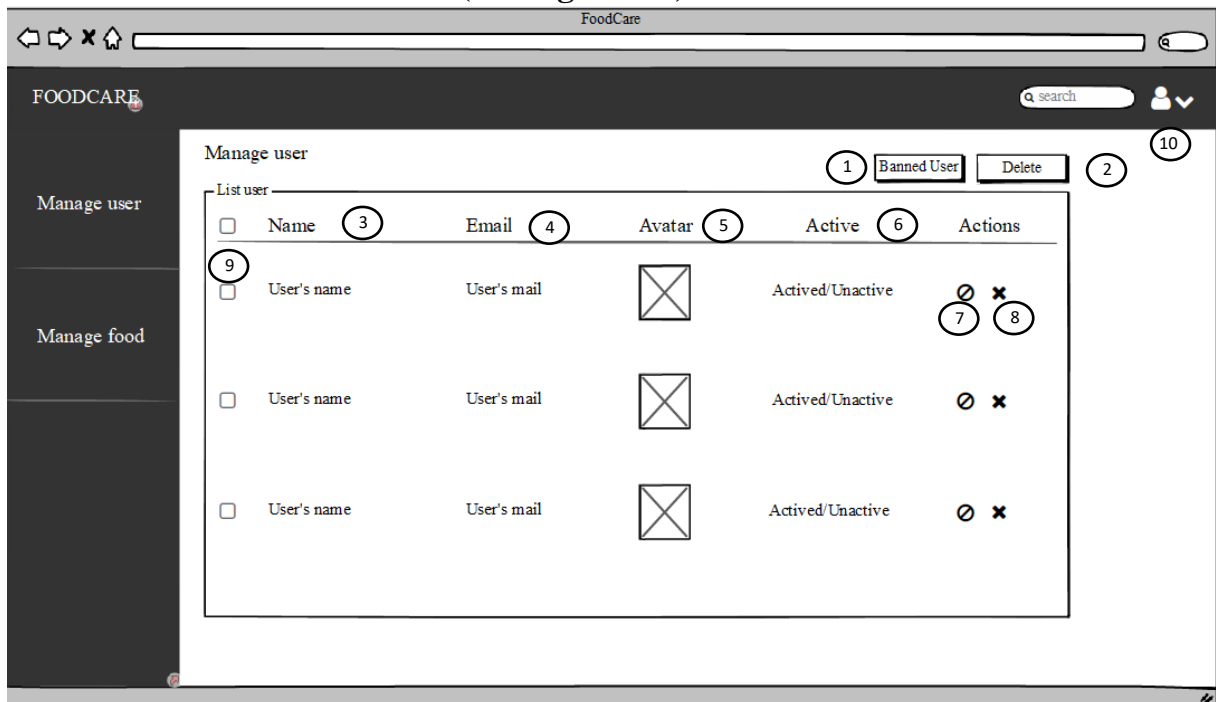
Figure 17: Manage users

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

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)
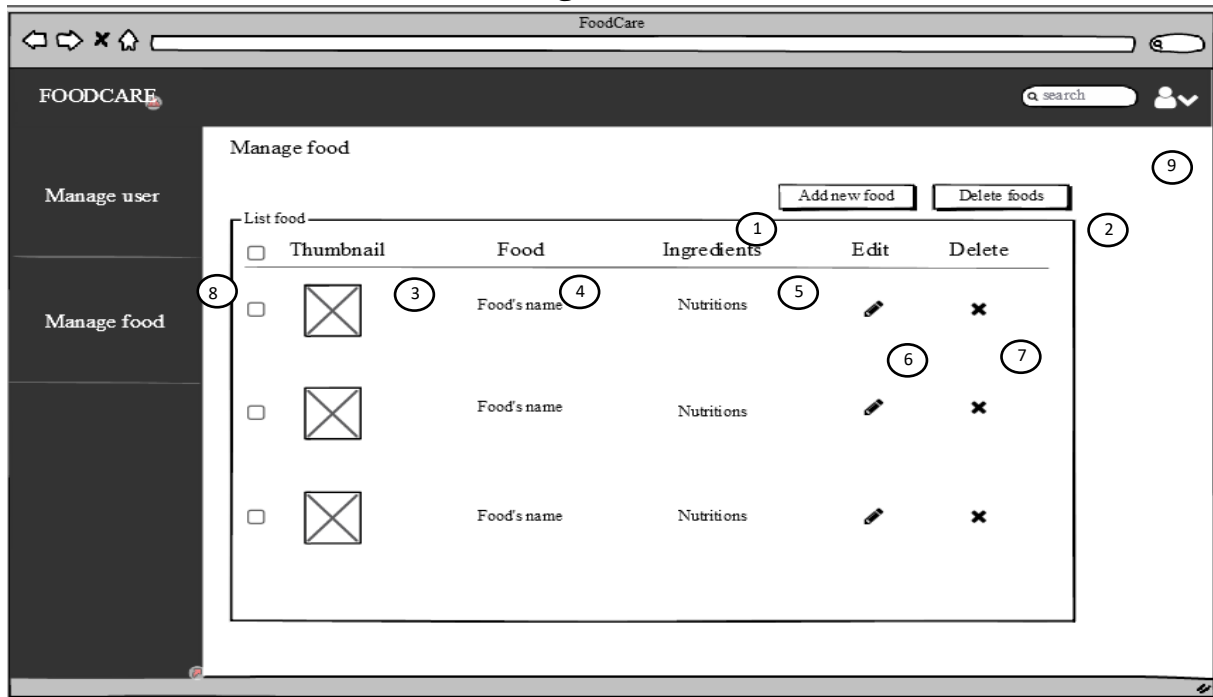
Figure 18: Manage foods

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