RMIT UNIVERSITY

ISYS3416 – Software Engineering Fundamentals

"Food Recommending App"

Software Requirements Specification (SRS)

Team 02 - Group 05

Dinh Le Hong Tin (s3932134)
Hoang Hua Hiep (s3979137)
Nguyen Ha Kieu Anh (s3818552)
Phan Tran Minh Toan (s3963231)
Date: 20/08/2023

TABLE OF CONTENTS

1. Introduction

The rise of online food delivery programs in modern society has significantly transformed patterns of dining behavior [1]. However, despite the convenience they offer, the task of consistently making health-aware food decisions remains an ongoing problem, as well as a result of information overload [2] Therefore, it cannot be denied that as data is generated in a variety of disciplines, it grows in size and complexity, and recommender systems are gaining popularity [3]. In response, our research introduces a practical Food recommendation application specifically designed to assist individuals with demanding schedules in navigating a wide range of meal options with a focus on improving nutritional choices.

1.1.Purpose

The primary objective of this document, known as the Software Requirements Specifications (SRS), is to establish a comprehensive framework that will guide the development, design, and implementation processes of our Food Recommender application. The system has been intentionally developed to tackle the inherent difficulty of making informed decisions regarding a nutritious diet while engaging in the online food ordering process. In other words, it offers users personalized meal recommendations, considering their individual food preferences, lifestyle choices, and eating habits, in line with the standard functionality of a recommender system [4]. By utilizing user data, the application will provide an enhanced compilation of food choices, accompanied by comprehensive calorie data and observations regarding popular nutritious alternatives accessible for online purchase.

The target audience for this SRS encompasses various stakeholders engaged in the development of the application, which includes designers, developers, testers, and project managers. Furthermore, this document will function as a point of reference for prospective investors, individuals seeking comprehension of the application's functionality, and individuals tasked with the deployment and upkeep of the application.

1.2.Scope

The Food RS is an advanced software solution specifically developed to assist busy individuals in making well-informed and health-aware decisions about their food choices when engaging in online ordering, aligning with their daily dietary preferences and facilitating the fulfillment of their essential biological and physiological requirements, thereby supporting their daily activities effectively [5]. The application differentiates itself from conventional food delivery applications by prioritizing the delivery of personalized meal recommendations that are customized according to users' individual preferences and lifestyle factors. While our system recommendation process may use basic logical principles, it is still capable of offering personalized

recommendations by considering user preferences, dietary requirements, and lifestyle habits, as is evident in the majority of contemporary research within the field of food studies [6].

The application features a carefully curated selection of nourishing food options, along with detailed calorie information and astute observations about the current popularity of healthy food options offered by various restaurants.

Individuals using the application have the ability to interact with the platform in two distinct capacities: as unregistered guests or as officially registered members. Guest users have access to a long list of food options, along with comprehensive calorie information and insights into well-liked healthy dishes. Registered members have the added advantage of customizing their experience by furnishing details such as dietary preferences, allergies, and location. This functionality allows the application to offer individualized meal suggestions that adjust to the unique requirements of each user.

The application's primary features include viewing suggested food calories, insights into trending healthy dishes, meal suggestions, and regular communications from the development team. By enabling users to make informed dietary choices, this project contributes to the advancement of healthier eating behaviors and overall wellness by catering to the demands of individuals with busy schedules who are in search of nourishing and satisfying meal options.

1.3. Definition, Acronyms, and Abbreviations Requirements

1.3.1. Definition:

- Functional Requirements: These are descriptions of what the system should do, how it should respond to certain inputs, and how it should act in certain cases. In some cases, the functional requirements may also say what the technology should not do [7].
- Use Cases: A written description of user tasks on a website It describes the system's behavior in response to a user's request from the user's perspective [7].
- Actor: A type of user that interacts with the system [9].
- Action: The basic unit of executable functionality within an activity
- Activity Diagram (also referred to as UML AD): The diagram is formed by combining legal elements like activity, start, stop state, merge, decision, fork, and join relationships. This is used to represent action sequences in order to capture the flow of a process and its results. The focus is on the work performed during the implementation of an operation as well as the activities within a use case instance of an object [10].

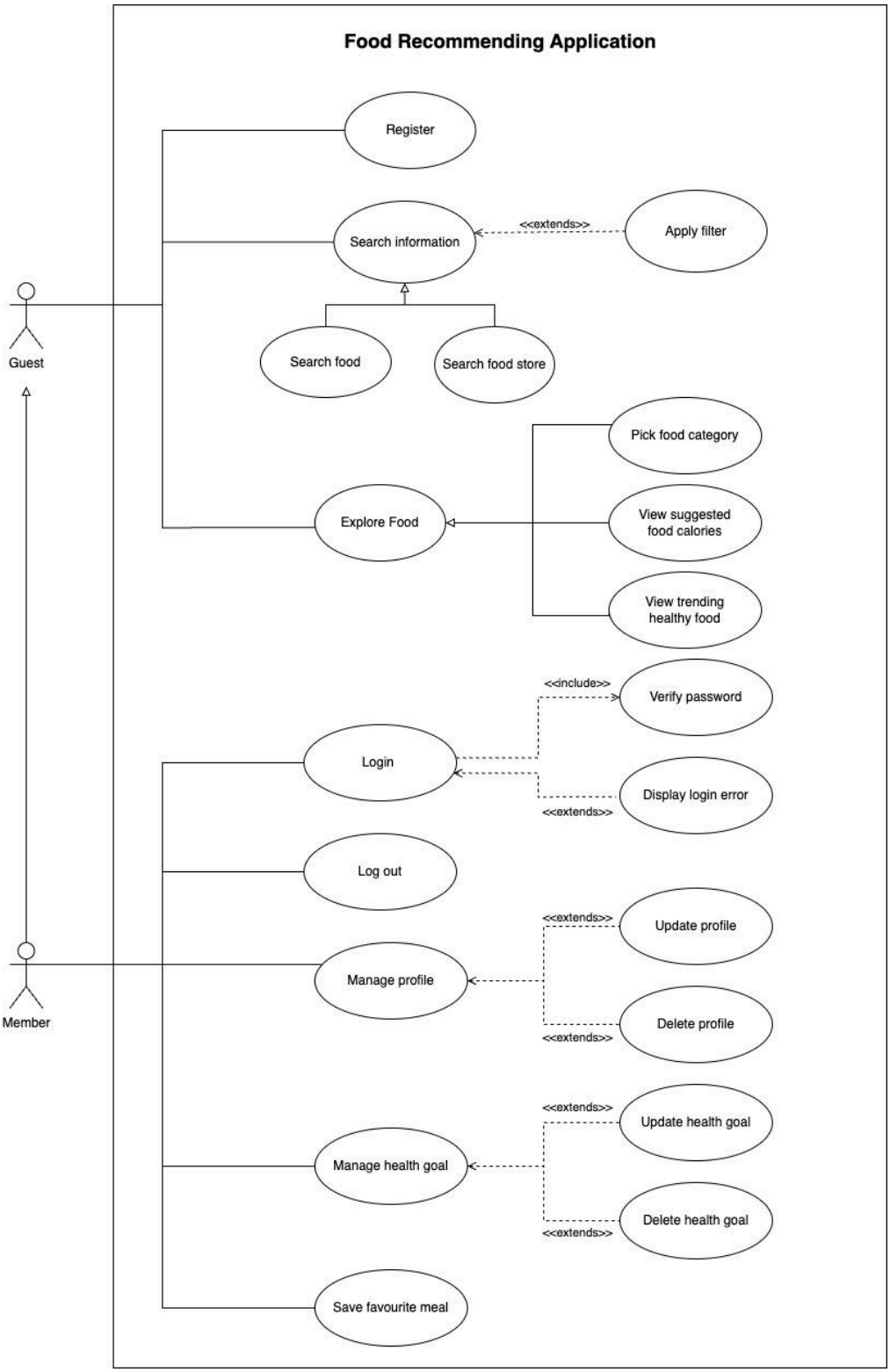
1.3.2. Acronyms and Abbreviations:

SRS - Software Requirements Specifications is a formal document that outlines the functionality and expected performance of the software. It also explains the product's functionality required to meet the needs of all stakeholders, including the business and users [11].

RS (RecSys) – Recommender System or Recommendation System is an intelligent system that utilizes user data and preferences to provide personalized recommendations. In this particular context, the RS aims to assist users in making healthier food choices [12].

2. Functional Requirements

2.1. Use Case Diagram:



Link for Use Case Diagram: Use Case Diagram.jpg

There are two roles of users that can access our application: guests and members. They can look for information on food and food stores, which can assist them in deciding what to eat and where to eat. There is also a 'Explore Food' feature that allows customers to access more food-related statistics, such as calories and what foods are currently trendy in their geographic area.

When it comes to members, they must register to further access the whole functionality of the application, including those features mentioned above for guests. To begin with, they could control their own profile, which contained their personal data such as username, location, and password, as long as they logged in. Furthermore, they could constantly update their health goal or delete it via the Manage Health Goal feature. Noticeably, members have to initially set up their food preferences, lifestyles, and eating behaviors before making any updates. Last but not least, members could take advantage of the “save favorite meal” feature to swiftly retrieve their preferred food if they forget their findings.

2.2. Use cases

Number	01
Name	Register
Goal	Create a member account, which provides additional features on the app
Actor	Guest
Description	A guest user could create a member account through a registration form
Pre-conditions	The user has not previously registered the app, or the information they entered has not been used to log in
Trigger	Choosing the “register” option on the log-in page
Basic Flow of Events	1. The user enters their username 2. The user enters their password 3. The user enters their password again for confirmation 4. The user provides their email address 5. The user provides their phone number 6. The user clicks on the “register” button 7. In the app, the message "You have successfully signed in" displays. 8. The user is directed back to the log-in page.

Alternative Flow of Event	1a. Invalid username - The user enters a username with the required character format - Continue to step 2 if they succeed, or else repeat 1a 2a. Invalid password - The user enters a password with the required character format that meets the security strength meter - Continue to step 3 if they succeed, or else repeat 2a 3a. Invalid password confirmation - The user enters the same password they have chosen in step 3 - Continue to step 4 if they succeed, or else repeat 3a 4a. Invalid email address - The user enters a correct email address - Continue to step 5 if they succeed, or else repeat 4a 6a. Failed to register - The user must add any missing or change any invalid information that they provided to the system - Continue to step 7 if they succeed, or else repeat 6a
Post-condition	The user has created and accessed a member account granting him/her additional features on the app
Author & Date	Phan Tran Minh Toan | Aug 11, 2023.

Number	02
Name	Search information
Goal	Allows users to find information in a search bar with applied filters in the HealthEats app
Actor	Guest, member
Description	Users enter the information they wish to find and may filter down the app's results by utilizing specific parameters such as price range, nearby store, food calorie, and so on.
Pre-conditions	The user can open the app, go to the search bar, and can type using
Trigger	In the search bar, the user initiates a search with selected filters.

Basic Flow of Events	1. The user launches the app and goes to the search bar. 2. The search interface is displayed by the app. 3. The user inserts keywords and phrases to refine their results. 4. The user may refine their search by selecting filters. 5. The user presses the "Search" or "Enter" button. 6. The program handles the search query. 7. The app shows the user its findings. 8. The viewer may view additional information by clicking on the result.
Alternative Flow of Event	5a. There are no search results found _ If the search query generates no results, the app will show “no results have been found”
Post-condition	By applying relevant keywords and suggested filters, the user has narrowed down their food information finds.
Author & Date	Hoang Hua Hiep, 13th Aug 2023.

Number	03
Name	Search food
Goal	Allows the user to find a certain food item using the app's search box.
Actor	Guest, member
Description	The user looks for certain food products based on their interests, such as snacks, BBQ, meat, bread, breakfast, fish, and so on, while using filters like food allergies, food calories, and so on.
Pre-conditions	The user can open the app and go to the search bar.
Trigger	The user clicks on the search bar in the app
Basic Flow of Events	1. The user launches the app and selects the search bar. 2. The program provides a search interface. 3. The user enters keywords to describe the meal they wish to find. 4. The user presses the "Search" button, which sends their search query to the system. 5. The program examines the data in the query. 6. The app displays the user's results.

	7. The user may examine additional information about the food by clicking on a search result.
Alternative Flow of Event	5a. There are no search results If the app is unable to find any results relevant to the information provided in the search query, it will display the message "no result found" on the screen and prompt the user to re-enter their search.
Post-condition	By entering phrases in the search window, the user has successfully found the proper food.
Author & Date	Hoang Hua Hiep, 13th Aug 2023.

Number	04
Name	Search food store
Goal	Allows the user to find a place to eat or a place to buy a specific food item.
Actor	Guest, member
Description	The user may look for a certain food store by entering keywords and utilizing the app's suggested options.
Pre-conditions	The user must have access to the app and can navigate to the search bar
Trigger	The user initiates a search for a food store in the app
Basic Flow of Events	1. The user opens the app and heads to the search bar 2. The app displays a search interface 3. The user enters their search query 4. The user confirms and sends their search query through the “Search” button 5. The app analyzes the keywords in the search query 6. The app displays a list of its findings 7. The user may click on a search result to view more information about the food store
Alternative Flow of Event	5a. There are no results found _ If the search query generates no results, the app will display a notification informing users that no results were discovered and requesting that they alter their search. 6a. The user does not share their locations

	_ If the user declines to reveal their current location, the app will show the top results for the search query. 6b. The user shares their location information _ If the user shares their current location, the app will generate nearby food stores.
Post-condition	The user has successfully looked for top food stores or nearby ones within the food-recommending app, HealthEats, by sharing or not disclosing their present location.
Author & Date	Hoang Hua Hiep, 13th Aug 2023.

Number	05
Name	Explore food
Goal	Allow users to explore and discover a variety of meal options.
Actor	Guest, Member
Description	This use case enables users to browse through a list of meal options, exploring different dishes and learning about their details.
Pre-conditions	The user has accessed the app and is on the main menu or within a specific food category.
Trigger	User login to the app
Basic Flow of Events	1. Users log in to the app. 2. App presents a list of meal options available for exploration. 3. User scrolls through the list and selects a meal to view more details. 4. App displays detailed information about the selected meal.
Alternative Flow of Event	● The user encounters a slow network connection while trying to access the list of meal options. The app displays a loading indicator and notifies the user of the delay. ● User selects a meal to view more details, but the app encounters an error in retrieving the detailed information. An error message is displayed, and the user is prompted to try again.

Post-condition	The user has explored various meal options and may have accessed details for specific meals.
Author & Date	Nguyen Ha Kieu Anh | Aug 12, 2023.

Number	06
Name	Pick food category
Goal	Enables users to select a specific food category for exploration.
Actor	Guest, Member
Description	This use case allows users to narrow down their meal exploration by selecting a specific food category of interest.
Pre-conditions	The user has accessed the app and is on the main menu.
Trigger	The user selects the "Pick Food Category" option
Basic Flow of Events	1. The user selects the "Pick Food Category" option. 2. App presents a list of available food categories (e.g., breakfast, lunch, dinner, snacks). 3. User selects a desired food category. 4. App displays meal options within the chosen food category.
Alternative Flow of Event	User selects a food category that has no available meal options. The app displays a message indicating the lack of options and suggests the user explore another category.
Post-condition	The user has chosen a specific food category, and the app displays corresponding meal options.
Author & Date	Nguyen Ha Kieu Anh | Aug 12, 2023.

Number	07
Name	View suggested food calories
Goal	Allow users to access nutritional information, including calorie counts, for suggested meals.
Actor	Guest, Member

Description	This use case enables users to make informed choices by providing them with the calorie count and other nutritional information of the suggested meal.
Pre-conditions	The user has received a suggested meal recommendation.
Trigger	The user selects a suggested meal to view its details.
Basic Flow of Events	1. The user selects a suggested meal from the recommendation. 2. App displays detailed information for the selected meal, including calorie count. 3. User reviews the nutritional details of the suggested meal.
Alternative Flow of Event	The nutritional information for the suggested meal is incomplete or unavailable. The app displays a message indicating the missing data and suggests the user choose a different meal
Post-condition	The user has accessed and reviewed the nutritional information, including calories, for the suggested meal.
Author & Date	Nguyen Ha Kieu Anh | Aug 12, 2023.

Number	08
Name	View trending healthy food
Goal	Allow users to discover currently trending healthy food options.
Actor	Guest, Member
Description	This use case provides users with a list of healthy food items that are currently trending among other users.
Pre-conditions	The user has accessed the app and is browsing meal options.
Trigger	The user selects the "View Trending" option in the app's navigation.
Basic Flow of Events	1. The user selects the "View Trending" option. 2. App retrieves and displays a list of trending healthy food items. 3. User browses and explores the trending food options.

Alternative Flow of Event	The app encounters a technical issue and fails to retrieve the list of trending food items. An error message is displayed, and the user is prompted to try again later.
Post-condition	The user has been presented with a list of trending healthy food items for consideration.
Author & Date	Nguyen Ha Kieu Anh | Aug 12, 2023.

Number	09
Name	Login
Goal	Use to access the app with a member account
Actor	Member
Description	User enters their username and password on the sign-in page to access the app with a member account
Pre-conditions	User has not already signed in with an account
Trigger	User clicks the "sign in" button
Basic Flow of Events	1. The user enters their username 2. The user enters their password 3. The user clicks the "Sign in" button 4. The user is directed to the main page
Alternative Flow of Event	1a. Incorrect username - The user reenters their correct username - Continue to step 2 if they succeed, or else repeat 1a 2a. Incorrect password - The user reenters their correct password - Continue to step 3 if they succeed, or else repeat 2a
Post-condition	User is now signed in and using the app with a member account
Author & Date	Phan Tran Minh Toan | Aug 11, 2023.

Number	10
Name	Log out

Goal	Allow users to log out of the system
Actor	Member
Description	The user logs out of the system after completing their tasks
Pre-conditions	The user already logged in successfully
Trigger	The user request to log out with the account via the “logout” button
Basic Flow of Events	1. The user clicks the “logout” button 2. The user will be redirected to the homepage. 3. End of use case
Alternative Flow of Event	None
Post-condition	Log out successfully.
Author & Date	Dinh Le Hong Tin | Aug 12, 2023.

Number	11
Name	Manage profile
Goal	This feature enables users to manage their personal information.
Actor	Member
Description	The users may access a helpful profile setting, where they can choose to update new information or even delete their profile.
Pre-conditions	This feature is only available for registered members, and they need to log in successfully.
Trigger	In the app's menu, the user picks the "Manage Profile" option.
Basic Flow of Events	1. The user navigates to the "Manage Profile" section. 2. The system displays the member's current profile information (username, location, password). 3. The user can edit any of the editable fields in their profile.

	4. The system prompts the user to confirm the change with two options “Cancel” or “Save”. 5. The user selects “Save”. 6. The system displays a confirmation message for 2 seconds. 7. End of use case
Alternative Flow of Event	3a Deleting 1. The user chooses “Delete” to delete their existing profile. 2. Go to step 6 5a Canceling 1. The user selects “Cancel”. 2. The profile information remains unchanged. 3. End of use case.
Post-condition	The member’s profile is updated with the system.
Author & Date	Dinh Le Hong Tin | Aug 12, 2023.

Number	12
Name	Manage health goal
Goal	Allow users to manage their health goals, update them, or delete them.
Actor	Member
Description	The user can access, update, or delete their existing data. Note: The user needs to set up their food preference, lifestyle, and eating behavior first before doing anything.
Pre-conditions	The user needs to have an account and be logged in to use this feature.
Trigger	In the app's menu, the user picks the "Manage Health Goal" option.
Basic Flow of Events	1. The user navigates to the "Manage Health Goal" section. 2. The system displays the member's current health goals, such as changing the target metrics. 3. The user can edit any of the editable fields in their health goals..

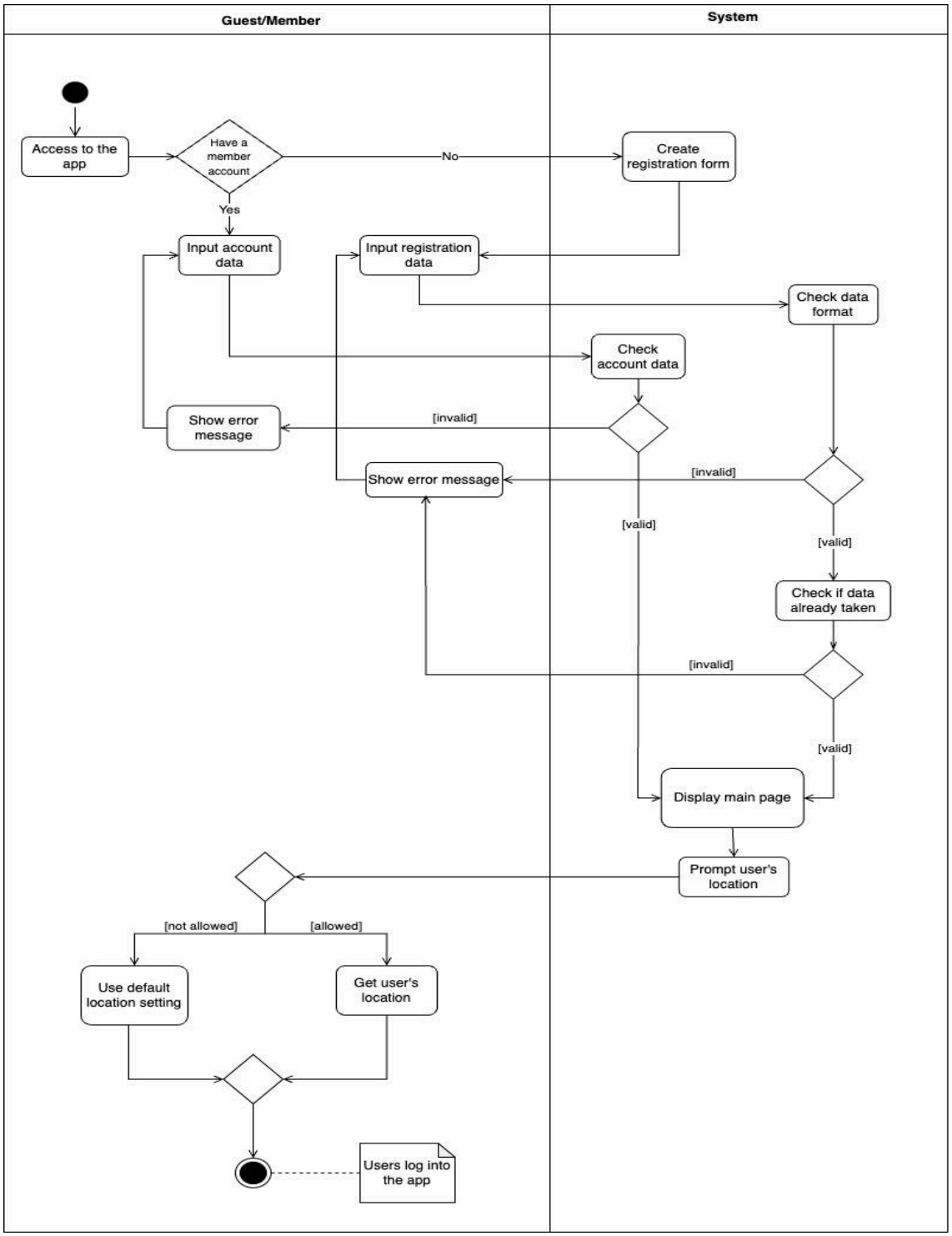
	4. The system prompts the user to confirm the change with two options “Cancel” or “Save”. 5. The user selects “Save”. 6. The system displays a confirmation message for 2 seconds. 7. End of use case.
Alternative Flow of Event	3a Deleting 1. The user chooses “Delete” to delete their existing health goals. 2. Go to step 6 5a Canceling 1. The user selects “Cancel”. 2. The health goals remain unchanged. 3. End of use case.
Post-condition	The member’s health goal is updated with the system.
Author & Date	Dinh Le Hong Tin | Aug 12, 2023.

Number	13
Name	Save favorite meal
Goal	Allows the user to save their favorite meal in a different tab.
Actor	Member
Description	The user may discover a useful and applicable food alternative, which they can save in a "favorite" tab. This enhances meal suggestions for other people with similar preferences and allows quick access in case they forget their findings.
Pre-conditions	This feature is only available to registered users. To have this "favorite" tool, a user must first register.
Trigger	A member chooses to label a meal as a favorite.
Basic Flow of Event	1. On the app, the user scrolls through a list of recommended meals. 2. They would like to save a meal. 3. The user selects the meal and hits the "Save as favorite" option. 4. The app records the action to save that meal as a favorite for the user.

	5. A confirmation notification is displayed by the application. 6. They may now view their saved meals in a separate part of the app.
Alternative path	3a. The meal is already saved. If the meal has already been saved, the "Save as favorite" button should be disabled or colored to show that it is already a favorite.
Post-condition	The user has successfully added their selected meals to their favorite tab. This allows them to access faster and gives more accurate recommendations based on their preferences.
Author & Date	Hoang Hua Hiep, 11th Aug 2023.

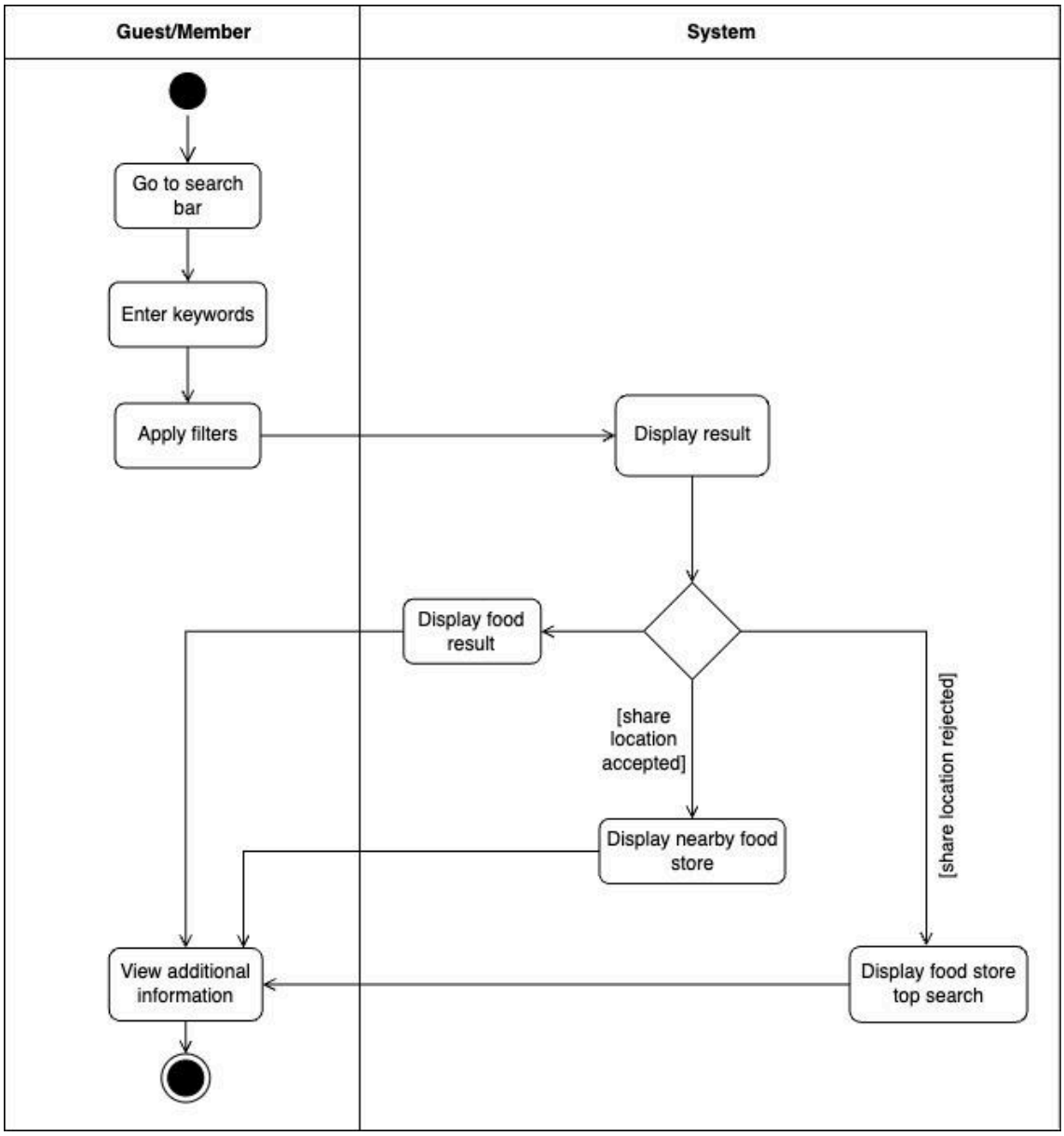
2.3 Activity Diagrams

2.3.1. Register and Login Diagram:



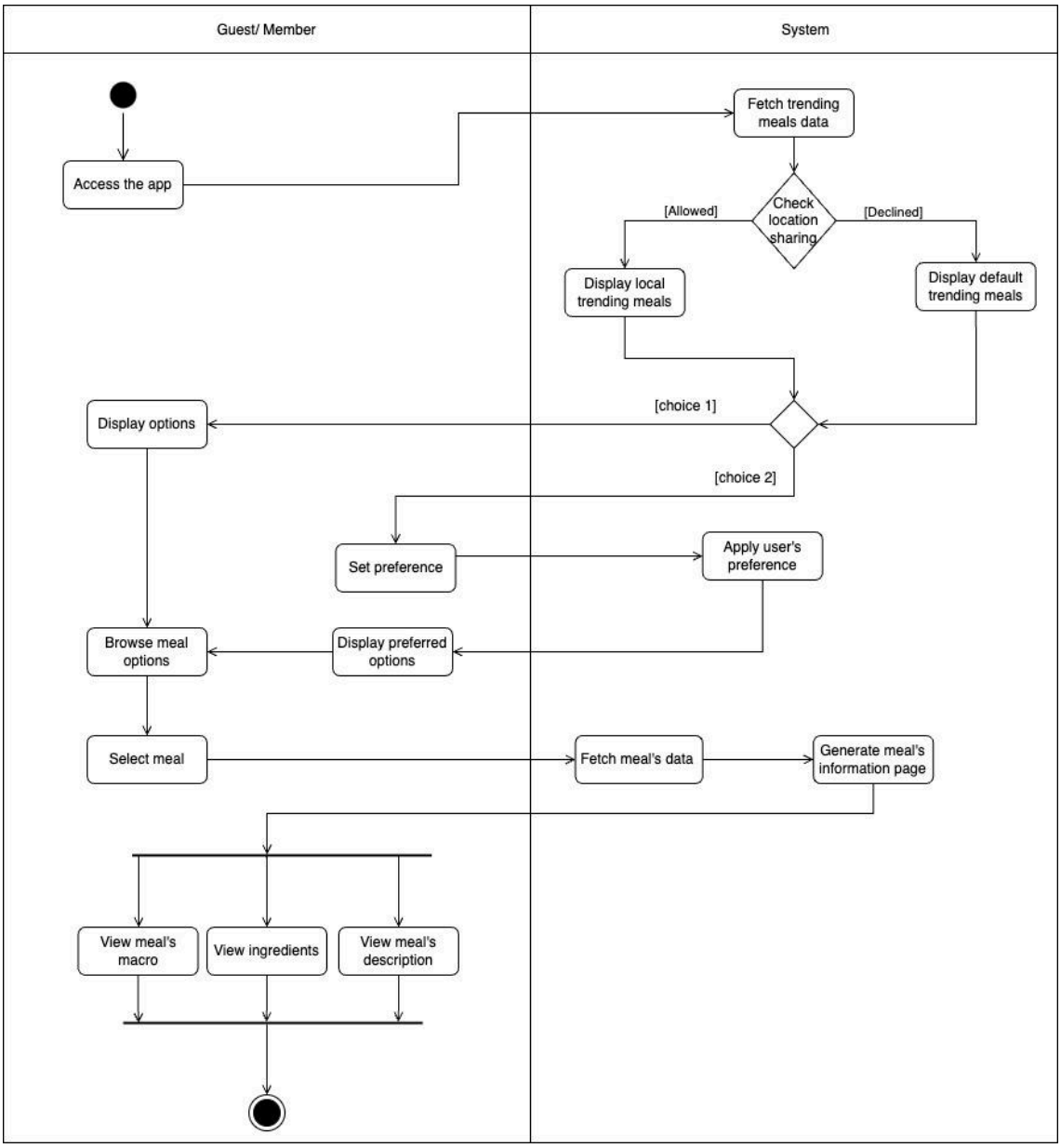
The Register and Login activity diagram orchestrate user interactions within the app, featuring the guest/member and system as its main actors. The process commences inputting their registered credentials, namely their username and password. The system then conducts a validation check on this input; if the data aligns accurately, members are granted access to the app, with their account being logged in, and they are directed to the main page. However, in case of erroneous data, an error message promptswith the guest/member accessing the application. Members follow a familiar path by members to rectify their information for successful access. Conversely, for guests without a pre-existing member account, the system generates a registration form. This form solicits the necessary details, encompassing elements like username, password, and contact information. The system undertakes a validation process on this input data, ensuring it adheres to the required format and criteria. If these conditions are met, the system generates a new account for the guest, who then utilizes the newly established credentials to log in. Subsequently, the system initiates a request for the user's consent to access their current location. Upon receiving permission, the system leverages this location data to customize suggestions tailored to the user's whereabouts. However, if the user opts not to share their location, the system defaults to displaying generic suggestions. This dynamic feature enhances user engagement by providing location-based suggestions.

2.3.2. Search Information Diagram:



By clicking the search bar, the guest and the member can look up the information that they want. They can enter related keywords of their search and may apply filters to narrow down the results. The app displays three potential results: food results, nearby food stores, and food store top search. If the user shares their current location, the app will yield the nearest food store. If not, the app will show the default food top search. Furthermore, they can view additional information from a search results such as food calories, food recipes, store addresses, store opening times, and so on.

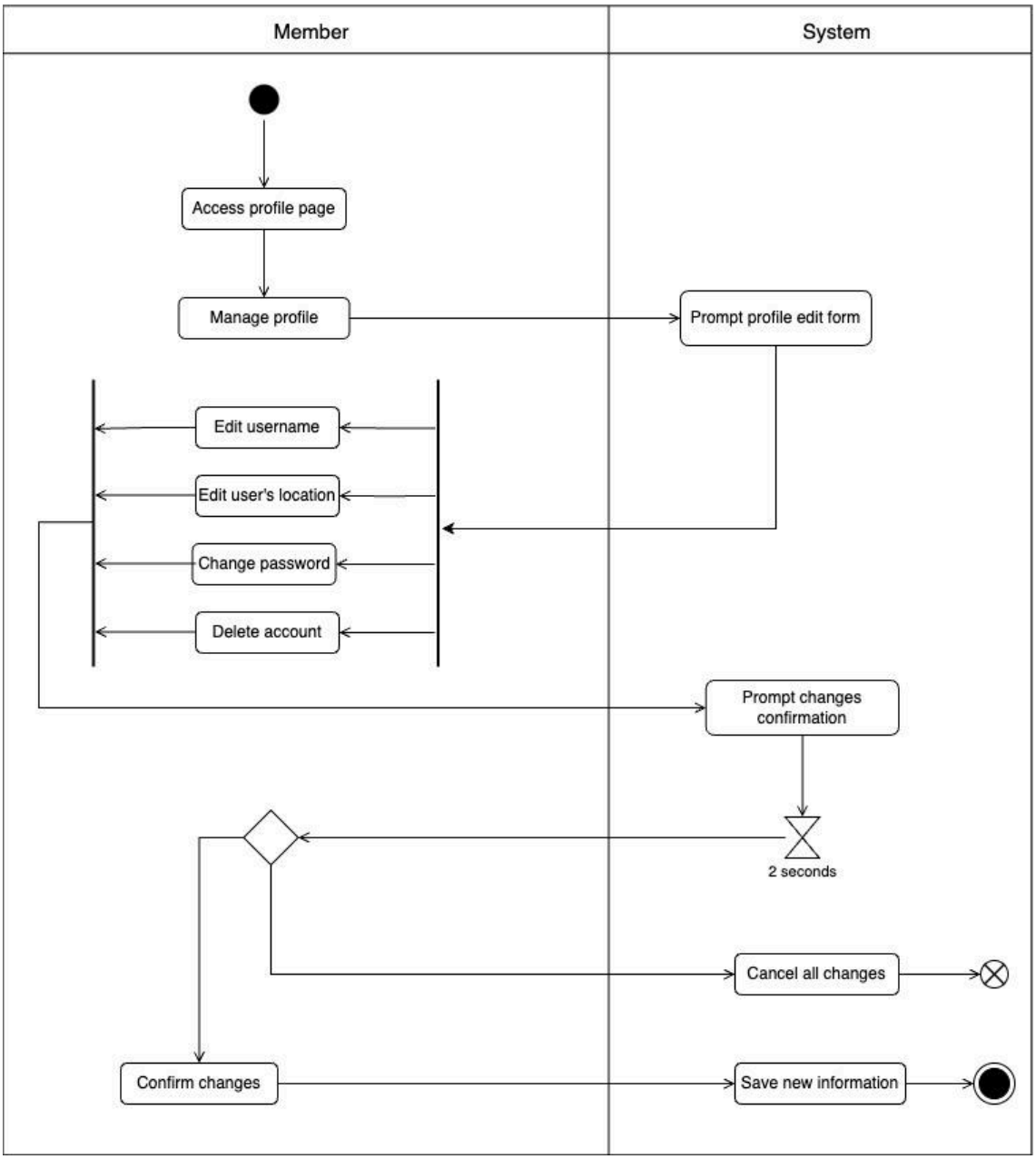
2.3.3. Explore Food Diagram:



The Explore Food activity diagram portrays the interaction between two pivotal actors: the guest/member (referred to as the "user") and the system. The progression commences with the user's access to the app, instigating the system to commence fetching data pertaining to trending meals. The subsequent course of action is determined by this data, influencing the displayed meal options. If the user has previously granted consent for location sharing, the system tailors the displayed meals to reflect local trends. Conversely, in the event of a location-sharing denial, the system showcases default trending meals. Following this presentation, the user is presented with two distinct choices. They can choose to directly explore the array of meal options curated by the system or they have the option to establish their meal preferences before embarking on their exploration. Opting to set meal preferences

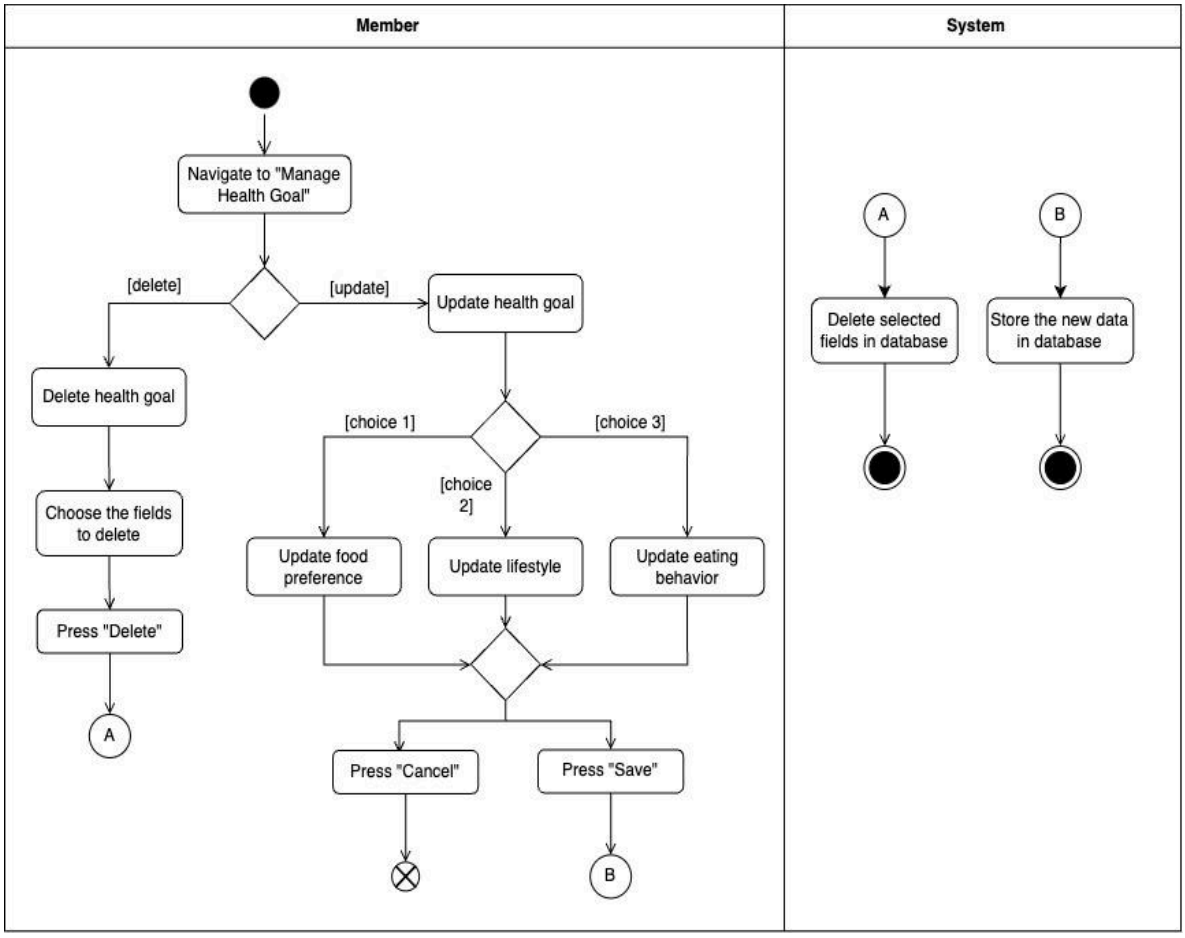
prompts the system to record these preferences, thus enabling the subsequent display of personalized meal options in alignment with the user's preferences. Having made their selection, the user proceeds to choose a specific meal they wish to delve into further. This action triggers the system to retrieve detailed meal data, subsequently generating a dedicated page to exhibit an extensive range of information about the chosen meal. Within this page, users are empowered to view not only the meal's macronutrient breakdown but also its constituent ingredients and a comprehensive meal description

2.3.4. Manage Profile Diagram:



The Manage Profile activity diagram presents a user-centric process within the app, featuring the member and system as key actors. Commencing with the member accessing their profile page, they gain the option to initiate profile management by clicking the "Manage Profile" button. This prompts the system to display a profile edit form, encompassing editable components of the member's profile. Subsequently, the member can modify various aspects of their profile, including their username, location, and password, while also having the option to delete their account. Upon completing these adjustments, the system triggers a confirmation request window, giving the member a brief 2-second window to either confirm or cancel the changes. If the member opts to cancel the changes or doesn't interact with the confirmation window, the window closes without altering any data. Conversely, should the member proceed with their changes, the system updates their profile information accordingly. With this, the activity diagram culminates, illustrating a succinct and user-friendly profile management process.

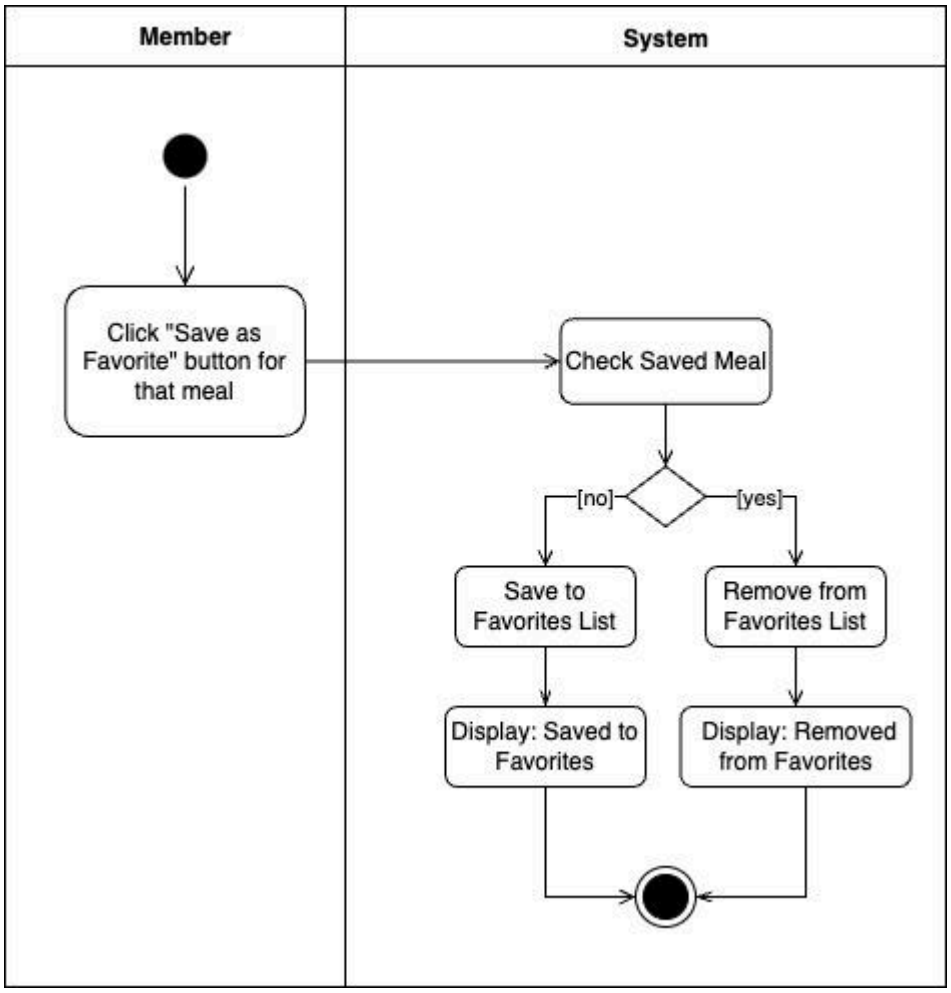
2.3.5. Manage Health Goal Diagram:



The diagram above focuses on one of our application's most important features, which only members have access to. To begin, users have to navigate to the "Manage Health Goal" page, where they may change or delete the health goals. If

the member decides to press update or delete a field, the system will be prompted to either save the newly updated field or delete the respective fields. Specifically, a member may update their food preference, lifestyle, or eating behavior, when it comes to updating health goals. However, if they hit the "Cancel" button, nothing new will be stored. They must hit "Save" after making modifications in order for their new objectives to be saved in the database.

2.3.6. Save Favorite Meal:



The Save Favorite Meal feature is only available to members. By tapping the "Save as Favorite" button for the selected meal, the system will automatically determine whether or not that meal is saved. If not, the meal will be added to the member's Favorites list. If so, the meal will be removed from the member's Favorites list.

3. References

[1] R. Farzan and P. Brusilovsky, “Encouraging user participation in a course recommender system: An impact on user behavior,” Computers in Human Behavior, vol. 27, no. 1, pp. 276–284, Jan. 2011, doi: 10.1016/j.chb.2010.08.005.

[2] D. Elsweiler et al., Second Workshop on Health Recommender Systems: (HealthRecSys 2017). 2017, p. 375. doi: 10.1145/3109859.3109955.

[3] J. Park and K. Nam, “Group recommender system for store product placement,” Data Min Knowl Disc, vol. 33, no. 1, pp. 204–229, Jan. 2019, doi: 10.1007/s10618-018-0600-z.

[4] M. Singh, “Scalability and sparsity issues in recommender datasets: a survey,” Knowl Inf Syst, vol. 62, no. 1, pp. 1–43, Jan. 2020, doi: 10.1007/s10115-018-1254-2.

[5] S. Norouzi, M. Nematy, H. Zabolinezhad, S. Sistani, and K. Etminani, “Food recommender systems for diabetic patients: a Narrative review,” RCM, no. Online First, Sep. 2016, doi: 10.22038/rcm.2016.7488.

[6] H. I. Lee, I. Y. Choi, H. S. Moon, and J. K. Kim, “A Multi-Period Product Recommender System in Online Food Market based on Recurrent Neural Networks,” Sustainability, vol. 12, no. 3, p. 969, Jan. 2020, doi: 10.3390/su12030969.

[7] I. Sommerville, Software engineering, Tenth edition. Boston: Pearson, 2016.

[8] A. S. for P. Affairs, “Use Cases,” Oct. 09, 2013. https://www.usability.gov/how-to-and-tools/methods/use-cases.html (accessed Aug. 20, 2023).

[9] J. Gorman, “Use Cases - An Introduction,” An Introduction, 2006.

[10] A. K. Bhattacharjee and R. K. Shyamasundar, “Activity Diagrams : A Formal Framework to Model Business Processes and Code Generation.,” JOT, vol. 8, no. 1, p. 189, 2009, doi: 10.5381/jot.2009.8.1.a3.

[11] G. Krüger and C. Lane, “How to Write a Software Requirements Specification (SRS) | Perforce.” https://www.perforce.com/blog/alm/how-write-software-requirements-specification-srs-document (accessed Aug. 20, 2023).

[12] NVIDIA, “What is a Recommendation System?,” NVIDIA Data Science Glossary.

https://www.nvidia.com/en-us/glossary/data-science/recommendation-system/ (accessed Aug. 20, 2023).

4. Appendix

Team 02 - Group 05
Opening Meeting *(Online)*
Meeting No: 01

Meeting Details	
Date:	August 1st, 2023
Time:	9 a.m - 12 p.m
Attendees:	Dinh Le Hong Tin (s3932134)
	Hoang Hua Hiep (s3979137)
	Nguyen Ha Kieu Anh (s3818552)
	Phan Tran Minh Toan (s3963231)
Apologies:	
Copy To:	Dr. Quang Nhat Tran

Information / Decision	
Item No.	Discussion Summary
1	Analyze the given topic: Food recommendation app.
2	Determine the main purpose of the SRS and its intended audience.
3	State out the bullet points for the features of the app.
4	Determine tools for collaboration (Google Docs, Google Drive, Teams, Diagram.net).
5	Use when2meet to set up weekly meetings.
6	Discuss the given SRS template by the professor.
7	Assign tasks for each member.

Action Items			
No	Item	Who	By
1	Introduction	Anh	07/08/2023
2	1.1. Purpose	Hiep	07/08/2023

3	1.2. Scope	Toan	07/08/2023
4	1.3. Definition, Acronyms, and Abbreviations	Tin	07/08/2023
5	2.1. Use case diagrams (Sketch)	All members	07/08/2023
6	Daily keep track of the progress of work.	Tin	07/08/2023

Team 02 - Group 05
Mid-Progress Meeting *(Offline)*
Meeting No: 02

Meeting Details	
Date:	August 7th, 2023
Time:	2 p.m - 5 p.m
Attendees:	Dinh Le Hong Tin (s3932134)
	Hoang Hua Hiep (s3979137)
	Nguyen Ha Kieu Anh (s3818552)
	Phan Tran Minh Toan (s3963231)
Apologies:	
Copy To:	Dr. Quang Nhat Tran

Information / Decision	
Item No.	Discussion Summary
1	Check up on the progress of work by the whole group.
2	Discuss what needs to modify for the whole of section one.
3	Discuss and make an agreement on the use case diagram.
4	Discuss use cases and assigned tasks for each member.

Action Items

No	Item	Who	By
1	Team opinions on the whole of section one.	All members	07/08/2023
2	UPDATE: need minor changes in the scope of section one.	Toan	11/08/2023
3	Consult with SAS for further feedback on the use case diagram.	Tin + Anh + Hiep	11/08/2023
4	Tasks for uses cases	All members	13/08/2023
5	Daily keep track of the progress of work	Hiep	13/08/2023

Team 02 - Group 05
Mid-Progress Meeting *(Offline)*
Meeting No: 03

Meeting Details	
Date:	August 14th, 2023
Time:	2 p.m - 5 p.m
Attendees:	Dinh Le Hong Tin (s3932134)
	Hoang Hua Hiep (s3979137)
	Nguyen Ha Kieu Anh (s3818552)
	Phan Tran Minh Toan (s3963231)
Apologies:	
Copy To:	Dr. Quang Nhat Tran

Information / Decision	
Item No.	Discussion Summary
1	Check up on the progress of work by the whole group.
2	Discuss the use case diagram based on the feedback from SAS.

3	Discuss the use cases.
4	Discuss activity diagrams.

Action Items			
No	Item	Who	By
1	Proofreading the whole current SRS	All members	14/08/2023
2	Finalize the use case diagram	All members	14/08/2023
3	UPDATE: minor changes in the use cases. (Manage Health Goals and Explore Food)	Tin + Anh	15/08/2023
4	Assigned task for activity diagrams	All members	18/08/2023
5	Daily keep track of the progress of work.	Toan	18/08/2023

Team 02 - Group 05
Final Meeting *(Offline)*
Meeting No: 04

Meeting Details	
Date:	August 20th, 2023
Time:	3 p.m - 6 p.m
Attendees:	Dinh Le Hong Tin (s3932134)
	Hoang Hua Hiep (s3979137)
	Nguyen Ha Kieu Anh (s3818552)
	Phan Tran Minh Toan (s3963231)
Apologies:	
Copy To:	Dr. Quang Nhat Tran

Information / Decision

Item No.	Discussion Summary
1	Final check-up on the progress of work by the whole group.
2	Recap each section briefly.
3	Compare the current SRS to the rubric assignment.
4	Discuss report formatting
5	Submit SRS and Peer Performance Evaluation

Action Items			
No	Item	Who	By
1	Proofreading the whole current SRS	All members	20/08/2023
2	Reference style	Anh	20/08/2023
3	UPDATE: minor changes in the activity diagram section (Explore Food + Save Favorite Meal)	Toan + Anh	20/08/2023
4	UPDATE: minor changes in the activity diagram section (make it more clearly)	Tin + Hiep	20/08/2023
5	Finalize the SRS	All members	20/08/2023