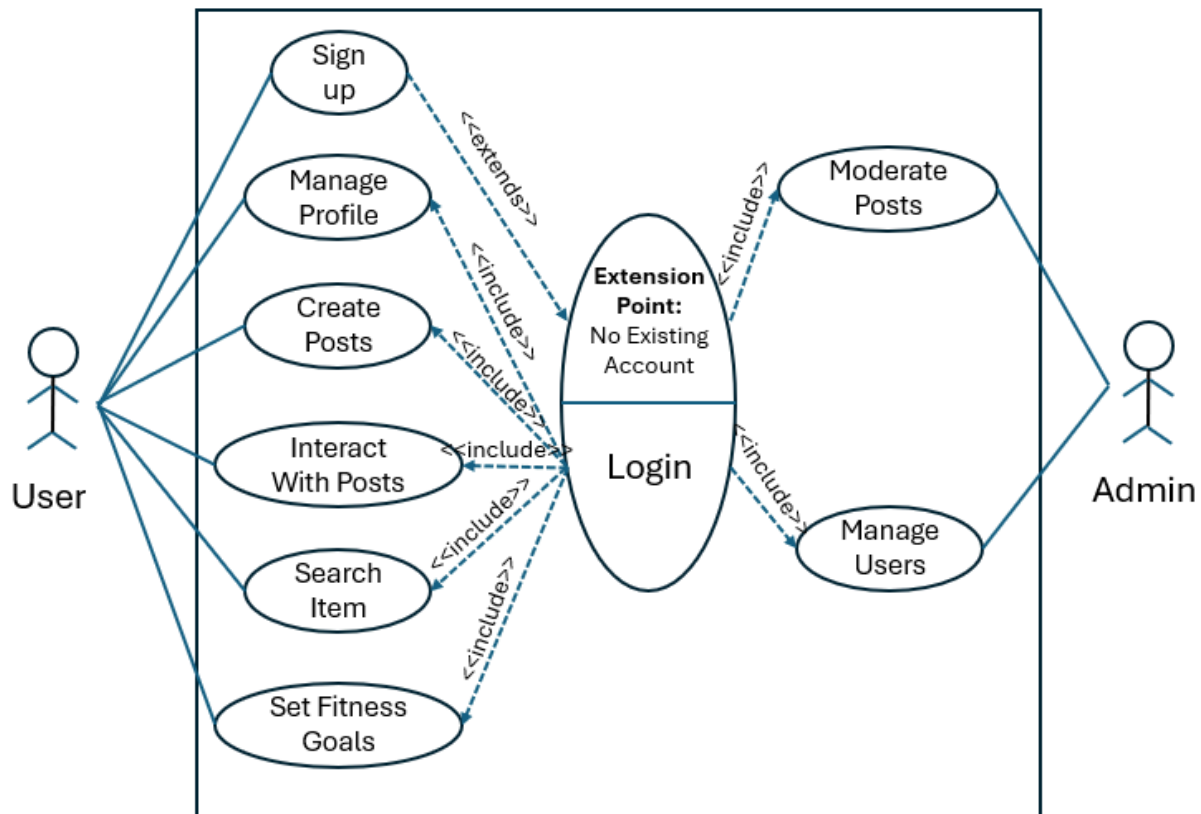


Use Case Diagram



Use Case Descriptions

- Login

Use Case ID:			
Use Case Name:	Login		
Created By:	Chan Kee Qing	Last Updated By:	Chan Kee Qing
Date Created:	3/9/2024	Date Last Updated:	

Actor:	User
Description:	Accessing of the user account on the website after authentication
Preconditions:	The System is at the Login Page, the User has an existing account with no outstanding statuses
Postconditions:	The System redirects the User to the Home Page, the User granted access to the website
Priority:	

Frequency of Use:	
Flow of Events:	<ol style="list-style-type: none"> 1. The User clicks on "Login" button 2. The System requests for the User's email or username and password 3. The User enters the required details 4. The System verifies the User's details 5. If the User login details are verified, the User gains access to the website
Alternative Flows:	AF-S5: If Username, email or password is wrong <ol style="list-style-type: none"> 1. The System displays the message "Username/Email/Password wrong! Please try again." 2. The System returns to Step 2
Exceptions:	
Includes:	
Special Requirements:	Passwords must contain letters, numbers and symbols.
Assumptions:	
Notes and Issues:	

- Sign up

Use Case ID:			
Use Case Name:	Sign Up		
Created By:	Chan Kee Qing	Last Updated By:	Chan Kee Qing
Date Created:	3/9/2024	Date Last Updated:	

Actor:	User
Description:	An individual who can interact with the system, including creating an account, managing their profile, and interacting with content. Users are categorized into general users, passive users, content creators, and admins.
Preconditions:	User does not have an existing account
Postconditions:	New account is created and stored in the database
Priority:	
Frequency of Use:	
Flow of Events:	<ol style="list-style-type: none"> 1. The User clicks on sign up button 2. The System request the input of Username, Email, Password 3. The User enters the required details 4. The User enters their The System stores the new account details in the database and give a prompt that the account creation is successful 5. The User is then redirected to the login page
Alternative Flows:	AF-S3: If Username or email already exists <ol style="list-style-type: none"> 3. The System displays the message "Username/Email taken! Please try again." 4. The System returns to Step 2

Exceptions:	
Includes:	
Special Requirements:	Passwords must contain letters, numbers and symbols.
Assumptions:	
Notes and Issues:	

- Manage Profile

Use Case ID:			
Use Case Name:	Manage Profile		
Created By:	Chan Kee Qing	Last Updated By:	Chan Kee Qing
Date Created:	3/9/2024	Date Last Updated:	

Actor:	User
Description:	The "Manage Profile" feature allows users to view and update their personal information, ensuring that their profile accurately reflects their preferences, goals, and current status. This functionality is essential for maintaining a personalized experience on the platform, where users can tailor their settings, profile picture, and personal details according to their needs.
Preconditions:	User has logged in an account. Profile of the account needs to be updated
Postconditions:	User profile updated with new details
Priority:	
Frequency of Use:	
Flow of Events:	<ol style="list-style-type: none"> 1. User clicks on the profile button. 2. User clicks on the edit profile button. 3. System requests input for profile details 4. User fills in the new profile information and overrides the previous/empty profile information.
Alternative Flows:	AF-S3: User chooses not to update profile <ol style="list-style-type: none"> 1. User can click on "Quit" button 2. System will redirect the User back to Profile Page
Exceptions:	
Includes:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

- Create Post

Use Case ID:			
Use Case Name:	Create Post		
Created By:	Chan Kee Qing	Last Updated By:	Chan Kee Qing

Date Created:	3/9/2024	Date Last Updated:	
---------------	----------	--------------------	--

Actor:	User
Description:	Users can create a post which may include text, images, videos, or other media.
Preconditions:	User has logged in.
Postconditions:	New post is created, stored in the database and available for viewing
Priority:	
Frequency of Use:	
Flow of Events:	<ol style="list-style-type: none"> 1. The User clicks on "create post" button 2. The System will display a template for creating a post 3. The User includes their desired content 4. The User clicks on "post"
Alternative Flows:	AF-S3: The User does not want to post anymore <ol style="list-style-type: none"> 1. The User can click on "Exit" 2. The System will redirect the User back to Home Page
Exceptions:	
Includes:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

- Interact with Posts

Use Case ID:			
Use Case Name:	Interact with posts		
Created By:	Chan Kee Qing	Last Updated By:	Chan Kee Qing
Date Created:	3/9/2024	Date Last Updated:	

Actor:	User
Description:	User are able to like, comment on, share, save and flag any post they view
Preconditions:	User has logged in to an existing account
Postconditions:	The interacted post should be updated with the information of the interaction by the user
Priority:	
Frequency of Use:	
Flow of Events:	<ol style="list-style-type: none"> 1. User clicks on a post they wish to view 2. User click on either the 'like', 'comment', 'share', 'save' or 'flag' button on the post 3. The System should update the post with the new changes
Alternative Flows:	AF-S2: If the User is the creator of the post <ol style="list-style-type: none"> 1. User can click on 'edit' or 'delete' button

	2. The System must reflect the new changes on the post AF-S3: If the User wants to undo their changes for 'like', 'save' or 'flag' 1. The User can click on the button again to undo 2. The System must reflect the new changes on the post AF-S3: If the User wants to edit their comments 1. The User can click on 'edit comment'
Exceptions:	
Includes:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

- Search Item

Use Case ID:			
Use Case Name:	Search item		
Created By:	Chan Kee Qing	Last Updated By:	Chan Kee Qing
Date Created:	3/9/2024	Date Last Updated:	

Actor:	User
Description:	A user can find specific posts, users, or ingredients within the system using keywords or filters.
Preconditions:	User has logged in to an existing account
Postconditions:	New account is created and stored in the database
Priority:	
Frequency of Use:	
Flow of Events:	1. The user clicks on search button 2. The user can then input the 'keywords' 3. Related posts, users or ingredients will appear
Alternative Flows:	AF-S3: If the item search is unavailable 1. The System displays the message "not found"
Exceptions:	
Includes:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

- Track Daily Nutrition Goals

Use Case ID:			
Use Case Name:	Track Daily Nutrition Goals		
Created By:	Chan Kee Qing	Last Updated By:	Lim Jacky
Date Created:	3/9/2024	Date Last Updated:	10/9/2024

Actor:	User
Description:	A user can set goals for their daily calorie and macronutrient intake, and track their progress by logging the meals they eat throughout the day.
Preconditions:	User logged in to an existing account with no or outdated nutrition goals
Postconditions:	New nutrition goals updated in user database
Priority:	
Frequency of Use:	
Flow of Events:	<ol style="list-style-type: none"> 1. The user taps on the profile button. 2. The user selects the option to add a nutrition goal. 3. The user enters new target values for new calorie intake and desired percentage of each macronutrients. 4. The user clicks on set to set the new goal.
Alternative Flows:	AF-S2: if a nutrition goal already exist <ol style="list-style-type: none"> 1. The user taps the edit nutrition goal button. 2. The user adjusts the targets for calorie intake and macronutrient percentages. 3. The user clicks "Set" to apply the updated goal.
Exceptions:	
Includes:	
Special Requirements:	Passwords must contain letters, numbers and symbols.
Assumptions:	
Notes and Issues:	

- Moderate Posts

Use Case ID:			
Use Case Name:	Moderate Posts		
Created By:	Chan Kee Qing	Last Updated By:	Chan Kee Qing
Date Created:	3/9/2024	Date Last Updated:	

Actor:	Admin
Description:	To manage the user posts, including reviewing or deleting user posts.
Preconditions:	Admin logged in to an existing account, user post must have been flagged out at least 20 times.
Postconditions:	Reviewed user account status updated accordingly
Priority:	
Frequency of Use:	
Flow of Events:	<ol style="list-style-type: none"> 1. The Admin clicks on "Review Posts" button 2. The Admin chooses a flagged out post to review 3. The Admin reviews post based on list of violations

	<ol style="list-style-type: none"> 4. If the Admin decides that the post has violated Terms of Use, the Admin can choose to delete the post 5. The System deletes the post from the database 6. The System sends the User of the reviewed post a report on the deletion.
Alternative Flows:	AF-S2: The Admin decides to not delete the post <ol style="list-style-type: none"> 1. The Admin clicks on "Warning" button 2. The System sends the User a warning instead
Exceptions:	
Includes:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

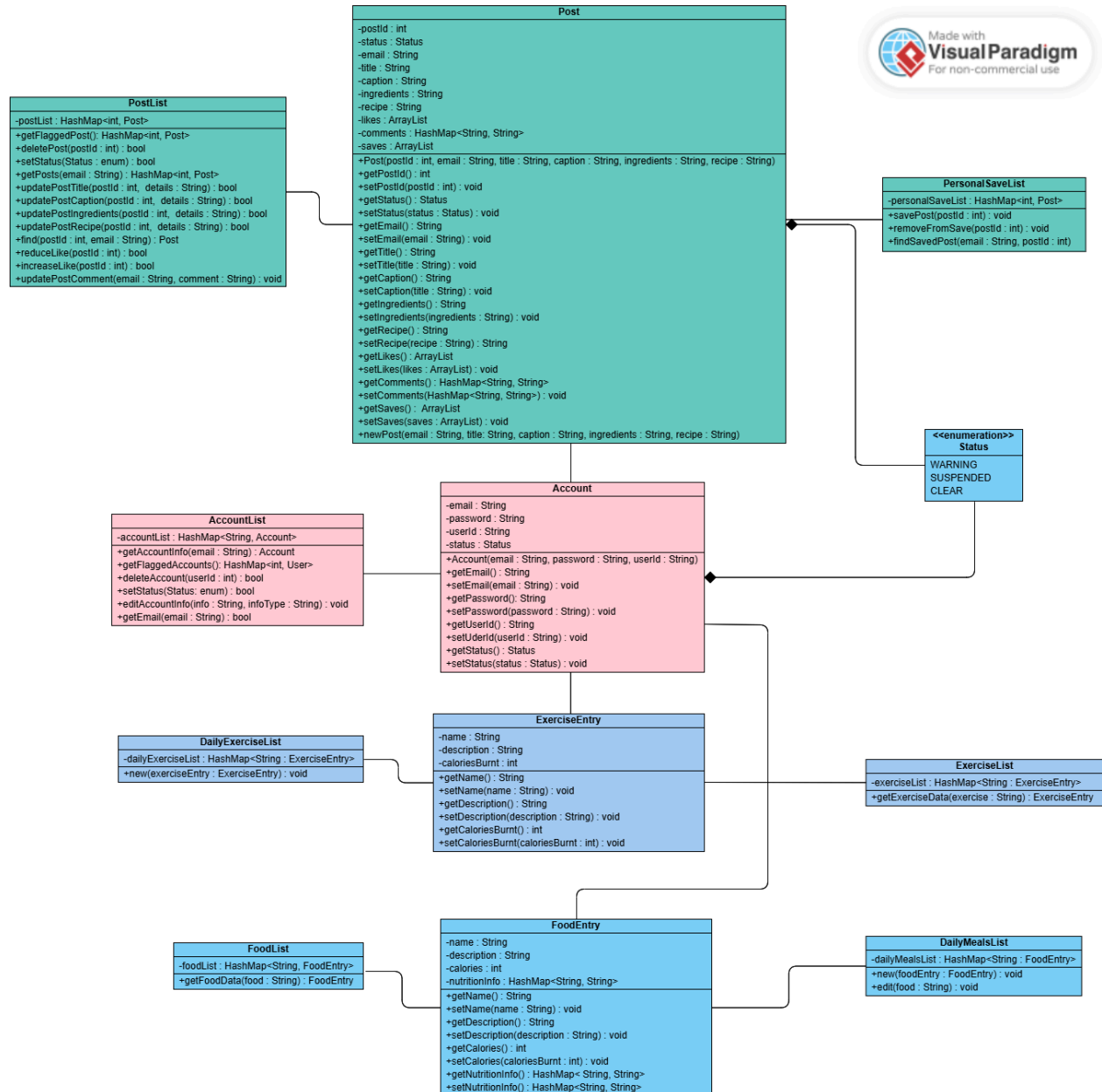
- Manage Users

Use Case ID:			
Use Case Name:	Manage Users		
Created By:	Chan Kee Qing	Last Updated By:	Chan Kee Qing
Date Created:	3/9/2024	Date Last Updated:	

Actor:	Admin
Description:	To manage the user base, including reviewing, suspending, banning, or deleting user accounts.
Preconditions:	Admin logged in to an existing account, user account must have been flagged out at least a certain number of times.
Postconditions:	Reviewed user account status updated accordingly
Priority:	
Frequency of Use:	
Flow of Events:	<ol style="list-style-type: none"> 1. The Admin clicks on "Review Account" button 2. The Admin chooses a flagged out account to review 3. The Admin reviews account based on list of violations 4. If the Admin decides that the account has violated Terms of Use, the Admin chooses duration and punishment. 5. The user account under review gets updated with the appropriate status 6. The System sends the User of the reviewed account a message on the updated status
Alternative Flows:	AF-S2: The Admin decides to revoke punishment <ol style="list-style-type: none"> 3. The Admin clicks on "Revoke Suspension/Ban" button 4. The System proceeds to Step 5 AF-S4: The Admin decides not to punish <ol style="list-style-type: none"> 1. The Admin can clear the "Flagged" status of the User account 2. The System sends a report or warning to the User of the account

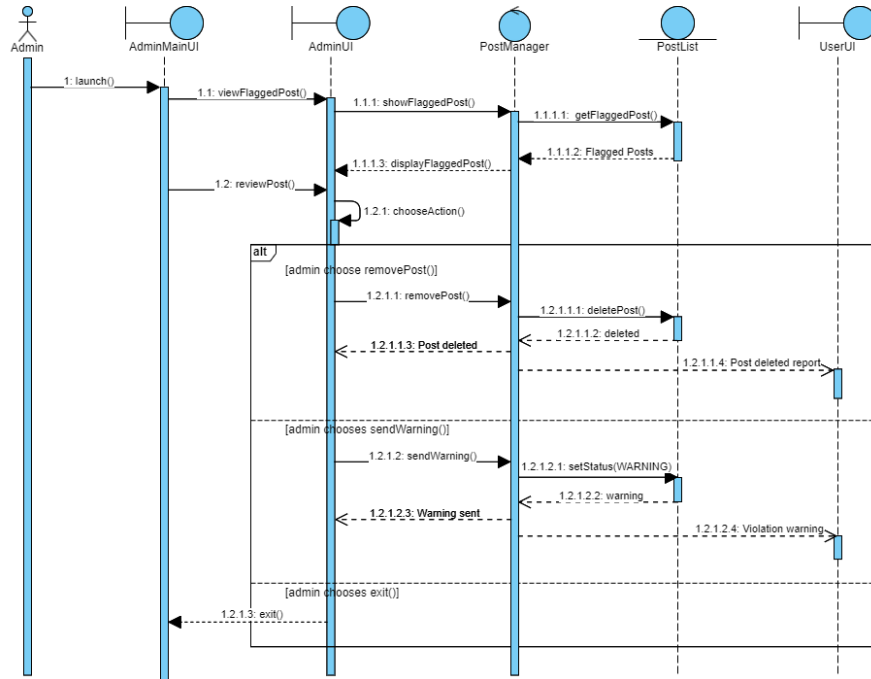
	3. The System proceeds to Step 5
Exceptions:	
Includes:	
Special Requirements:	
Assumptions:	
Notes and Issues:	

Class Diagram of Entity Classes

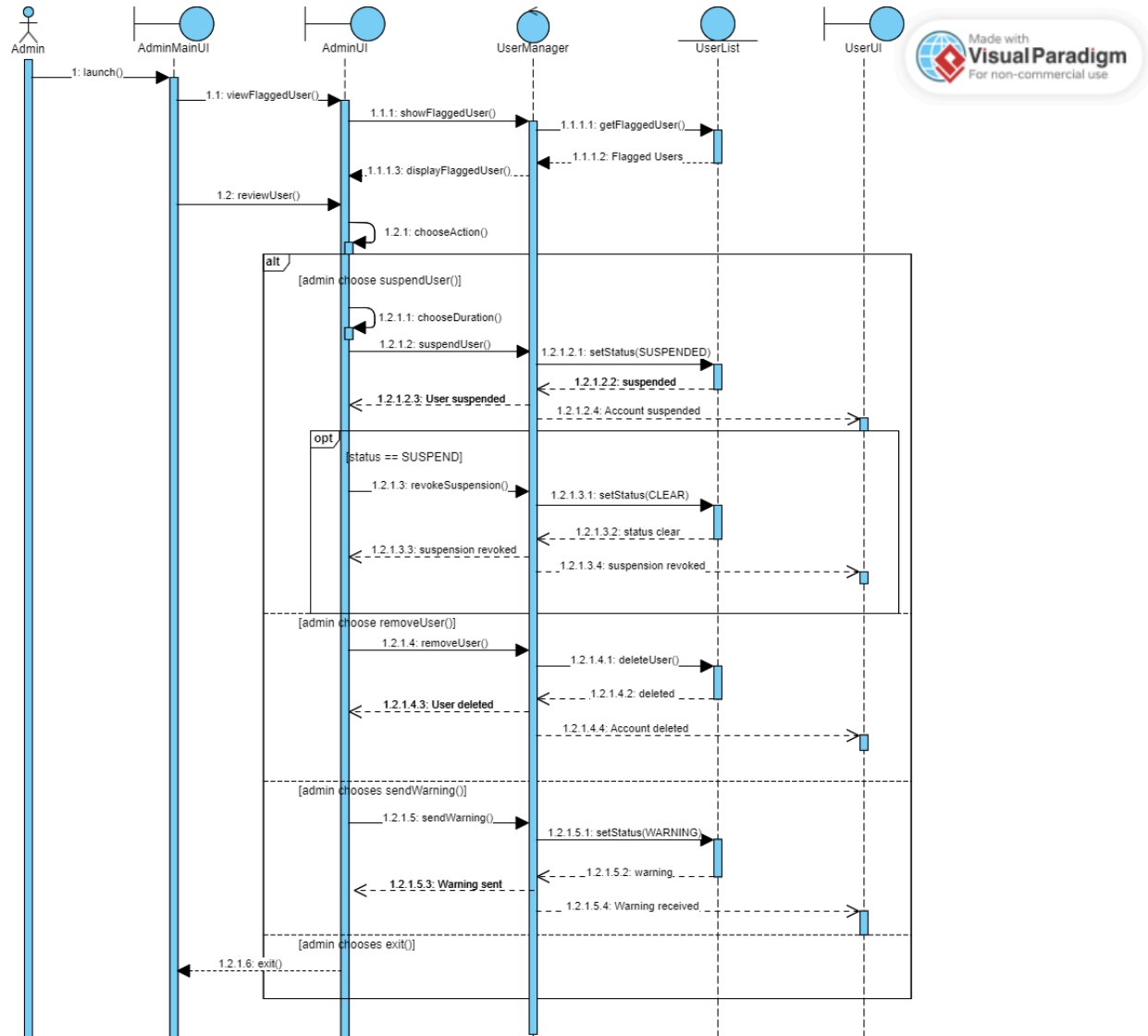


Sequence Diagrams

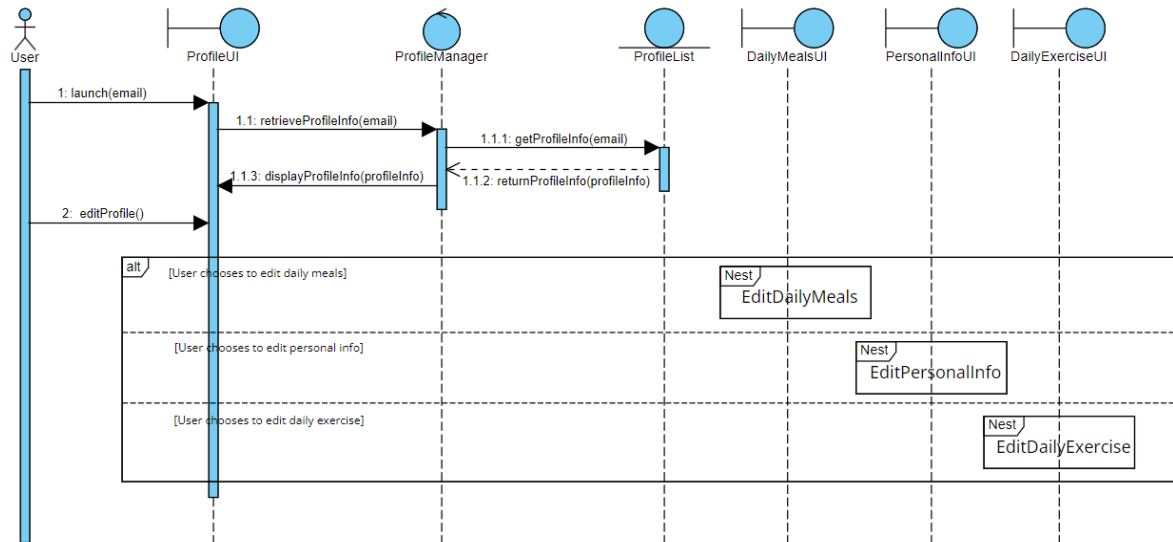
Admin Moderates Post



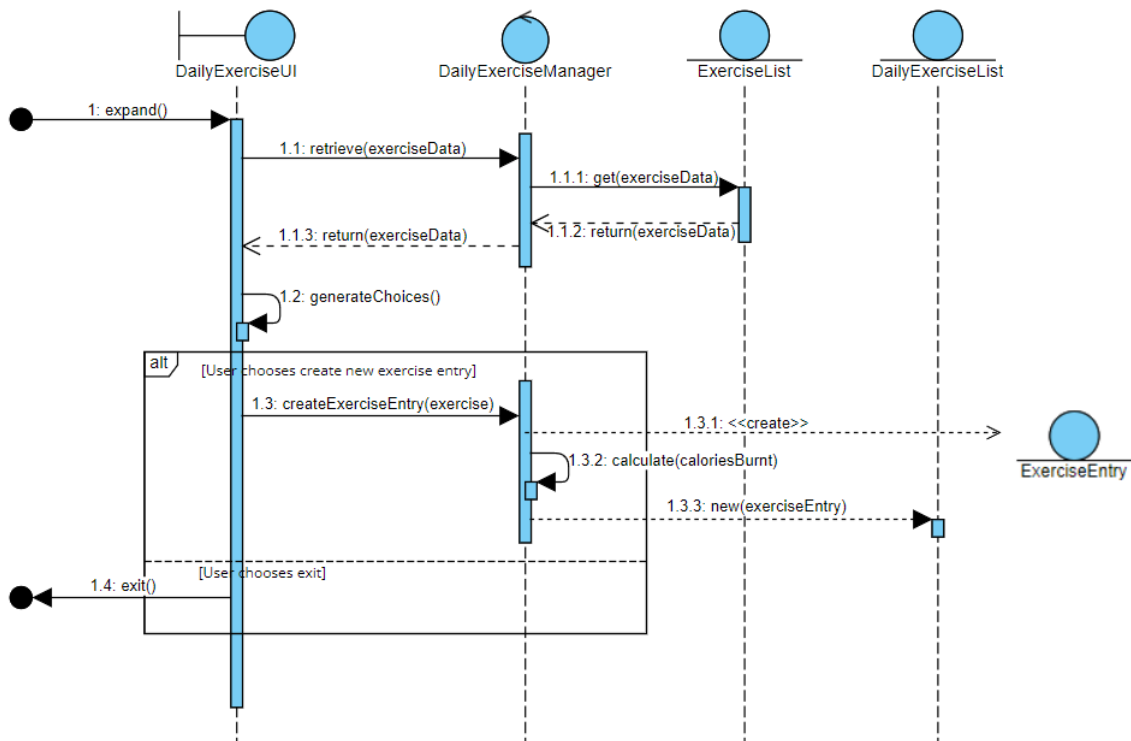
Admin Manages Users



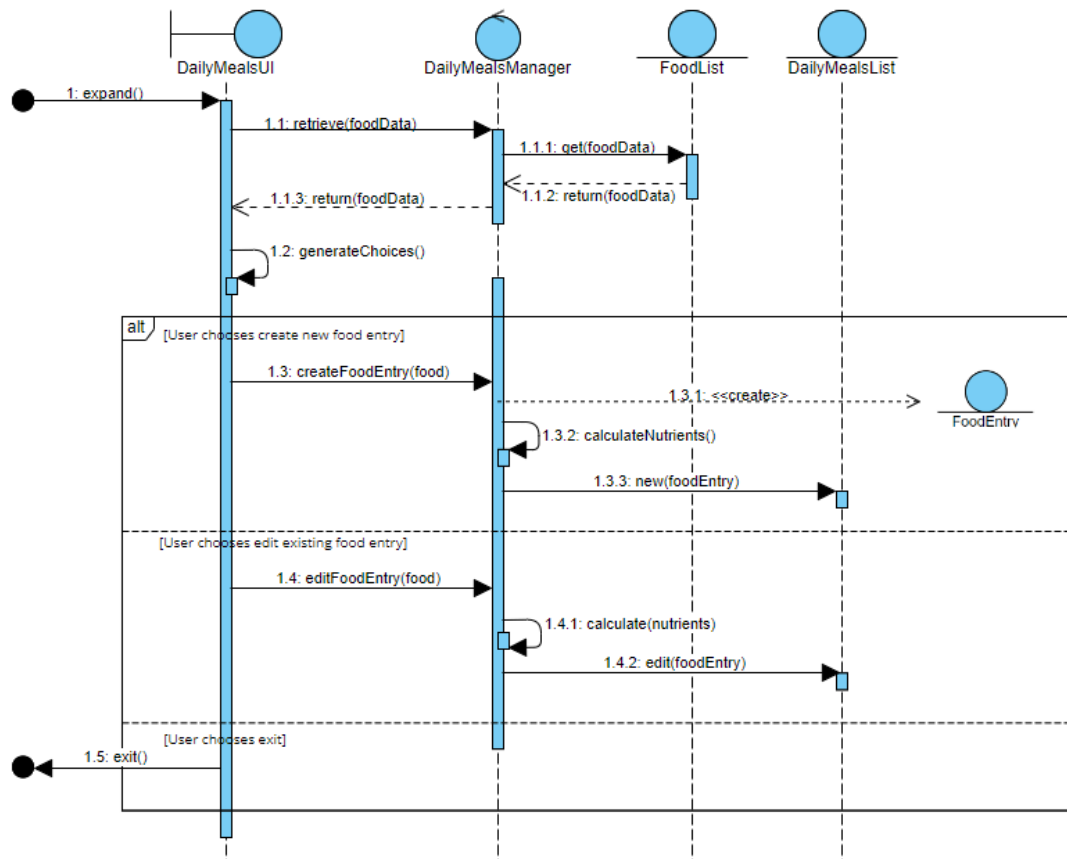
User Manages Profile



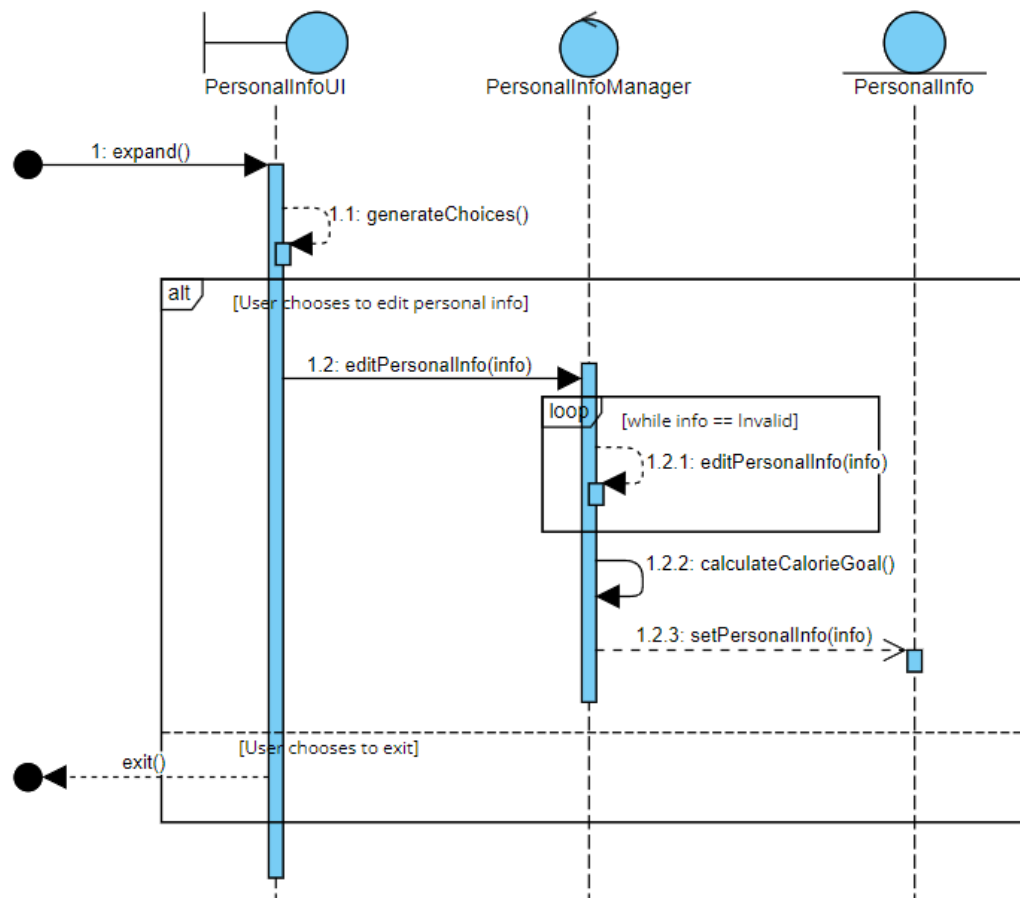
User Manages Daily Exercise (under profile)



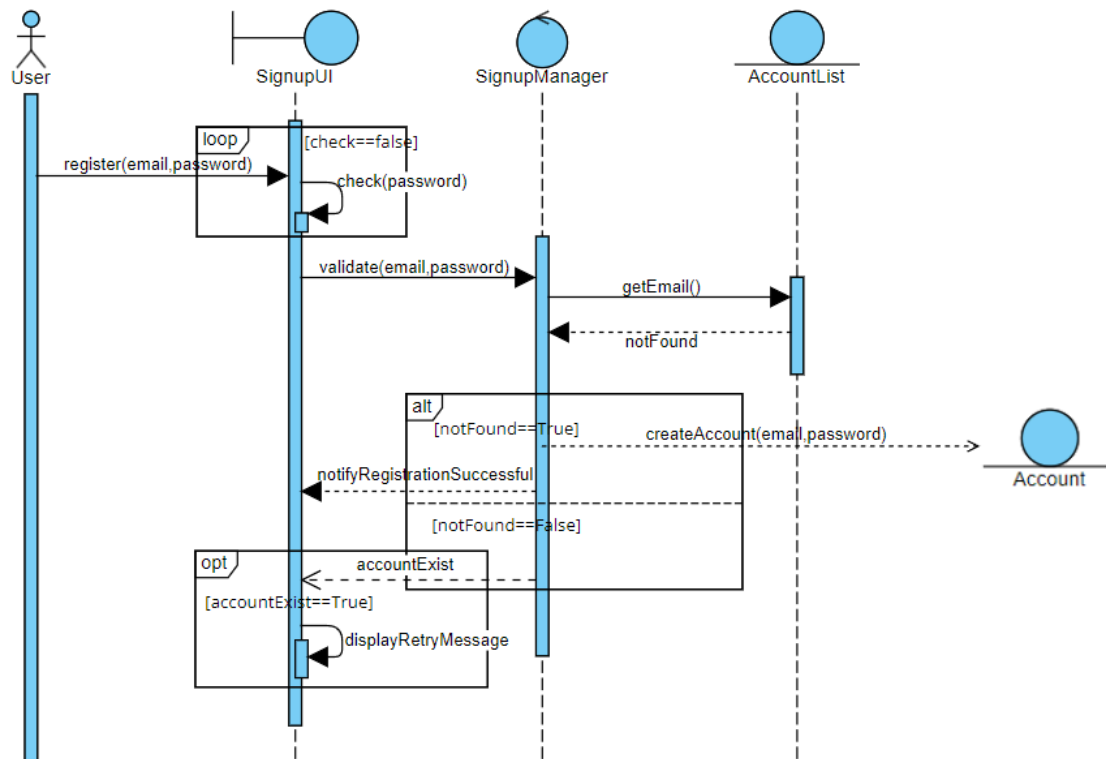
User Manages Daily Meals (under profile)



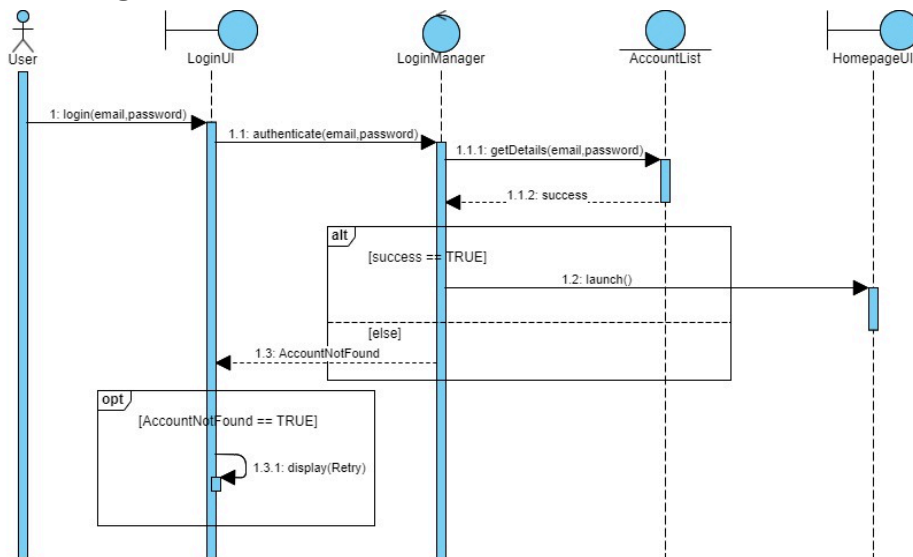
User Manages Personal Info (under profile)



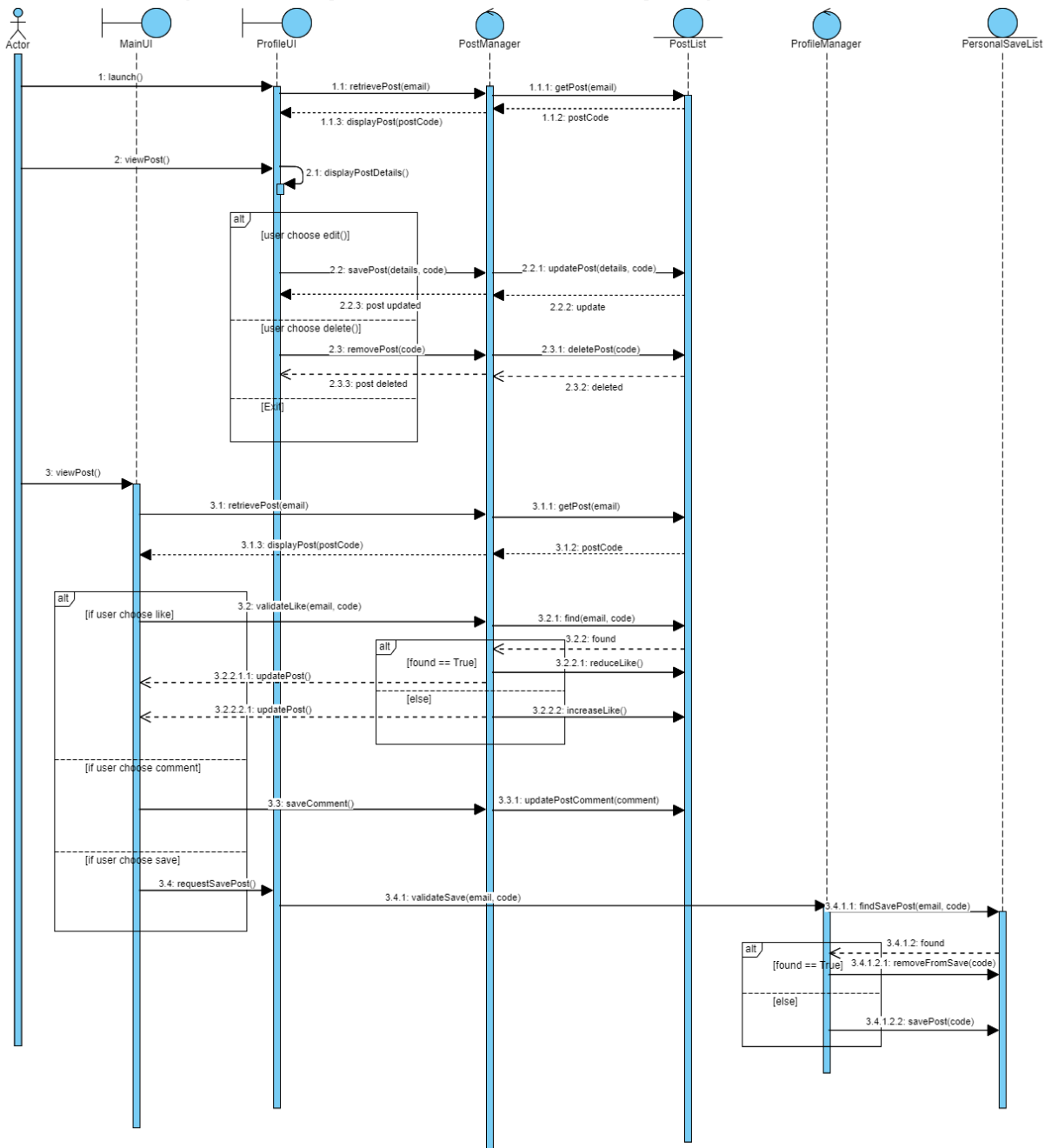
User Signup



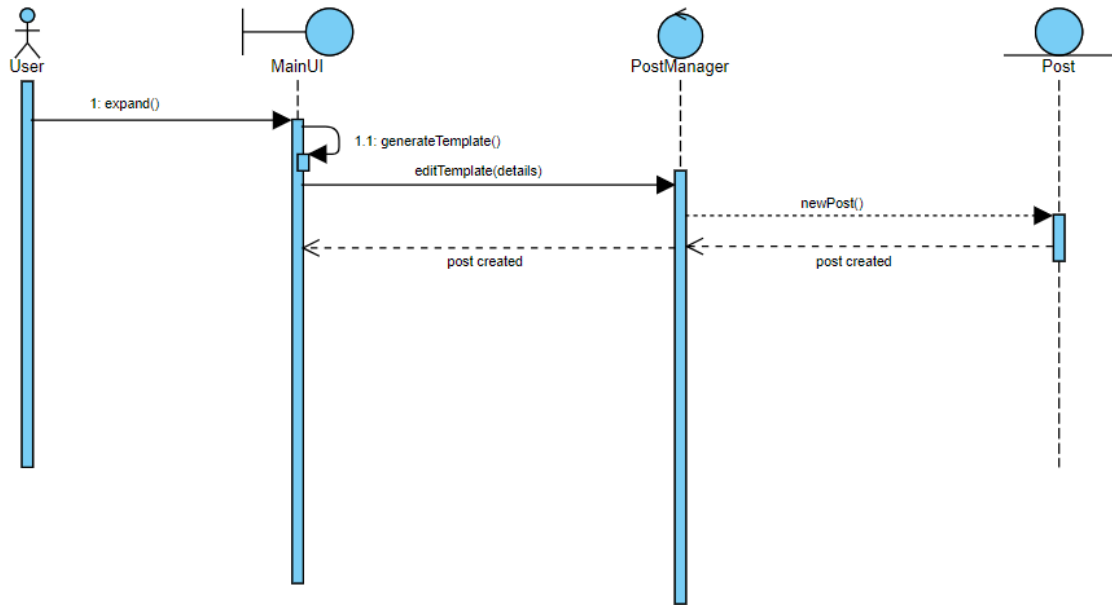
User Login



Interact Post (with own post and other users' post)



Create Post



Initial Dialog Map

