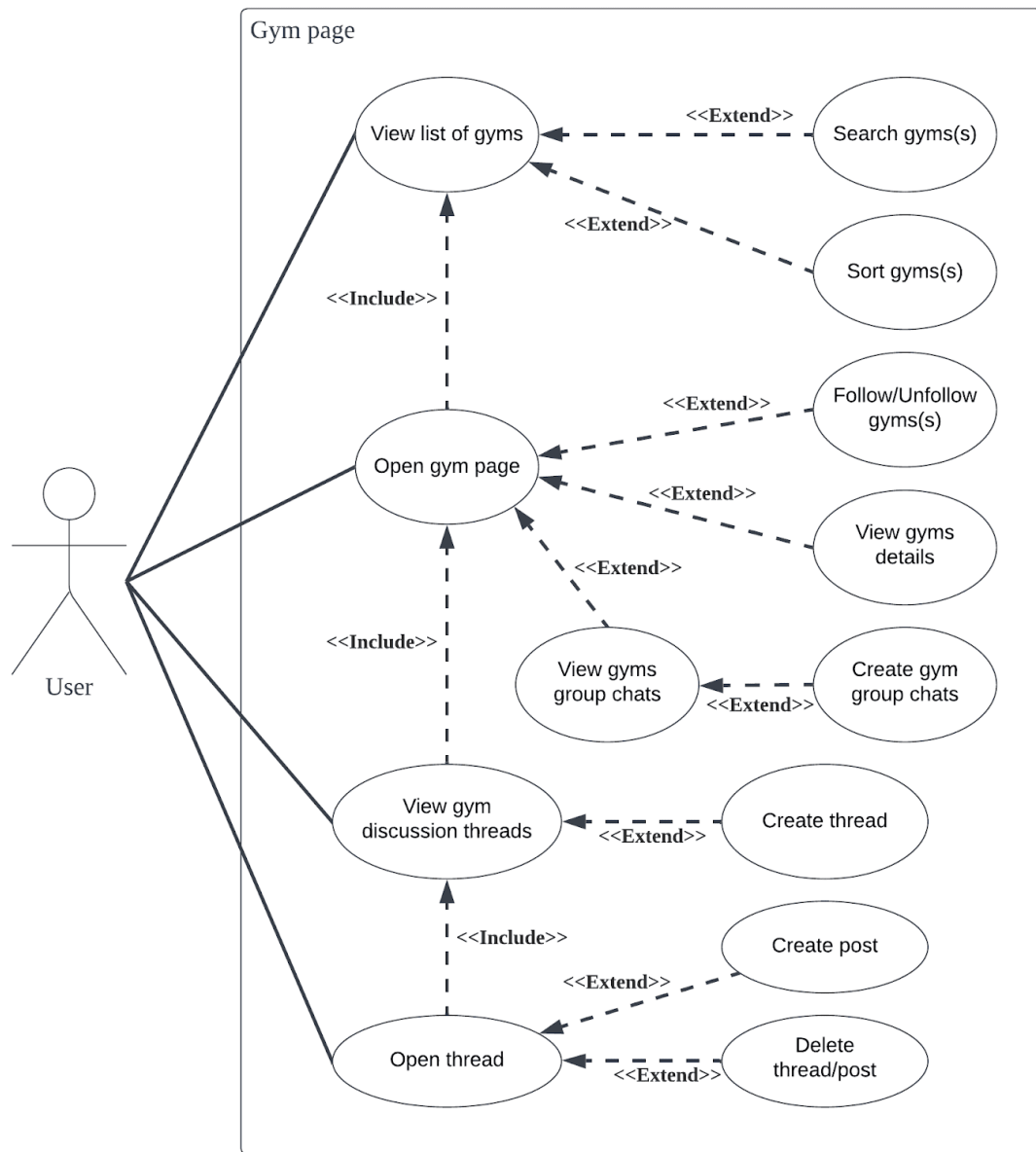
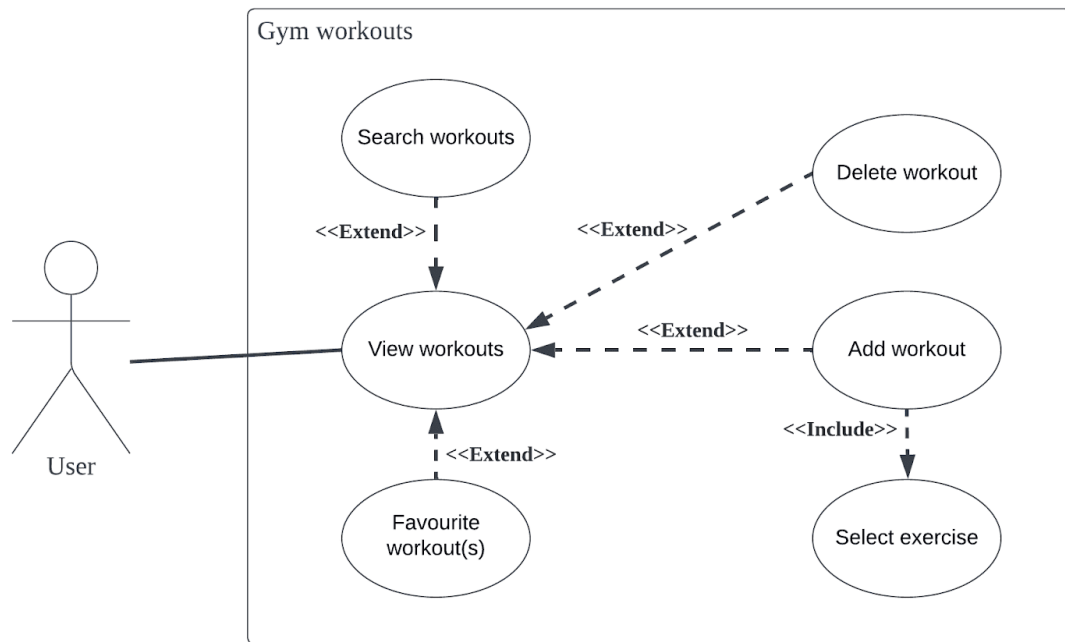


Use Case Diagram









USE CASE DIRECTORY

USE CASE ID	USE CASE NAME	PAGE
UA - User Access Functions		
UA.1	Register account	
UA.2	Login	
UA.3	Reset password	
UA.4	Edit personal details	
UA.5	Edit user settings	
UA.6	Logout	
SO - Social Interaction Functions		
SI.1	Find other user(s)	
SI.2	Create chat	
SI.3	Open chat	
SI.4	Delete chat	
GP - Gym Page Functions		
GP.1	Open gym page	
GP.2	Follow/Unfollow gym	
GP.3	Create gym group chats	
GP.4	Create thread	
GP.5	Create post	
GP.6	Delete thread/post	
WL - Workouts & Logs Functions		
WL.1	Add workout plan	
WL.2	Edit workout plan	
WL.3	Delete workout plan	

Use Case ID:	UA.1		
Use Case Name:	Register account		
Created By:	Ryan Ong	Last Updated By:	Ryan Ong
Date Created:	8/9/2022	Date Last Updated:	8/9/2022

Actor:	User/Guest (Initiating Actor), Database			
Description:	User creates an account to access system functionalities. User can choose to authenticate themselves via email, Google.			
Preconditions:	The user has a personal email			
Postconditions	1. The user successfully created an account			
Priority:	High			
Frequency of Use:	Once per user			
Flow of Events:	<table><tr><td>Actor Steps</td><td>System Steps</td></tr></table>		Actor Steps	System Steps
Actor Steps	System Steps			

	<div><div><div>1. The user proceeds to register by clicking on the “Register new account” option.</div></div><div><div>2. The system directs the user to the registration page to create a new account.</div><div>3. The system requests the user to fill in the required fields such as a valid email, password, confirm password and personal information including their full name, a Singapore-based address and phone number as well as their child’s dietary restrictions and choice of second language.</div></div></div>
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	<table border="1"> <tr> <td data-bbox="527 205 941 1497"> <p>4. The user enters their personal email, account password, and the remaining information and clicks submit.</p> <p>a. Must fulfil password requirements</p> <p>i. The password must be at least 20 characters long up to 100 characters</p> <p>ii. The password must not contain as a subsequence the user's name or email address</p> </td><td data-bbox="941 205 1372 1497"> <p>5. The system transfers the information to validate the account.</p> <p>6. Once the information is validated, the system sends a one-time-password (OTP) to the user's registered email and informs the user to enter the OTP</p> <p>7. The system creates the user account once confirmation is received and stores it in the database.</p> </td></tr> </table>	<p>4. The user enters their personal email, account password, and the remaining information and clicks submit.</p> <p>a. Must fulfil password requirements</p> <p>i. The password must be at least 20 characters long up to 100 characters</p> <p>ii. The password must not contain as a subsequence the user's name or email address</p>	<p>5. The system transfers the information to validate the account.</p> <p>6. Once the information is validated, the system sends a one-time-password (OTP) to the user's registered email and informs the user to enter the OTP</p> <p>7. The system creates the user account once confirmation is received and stores it in the database.</p>
<p>4. The user enters their personal email, account password, and the remaining information and clicks submit.</p> <p>a. Must fulfil password requirements</p> <p>i. The password must be at least 20 characters long up to 100 characters</p> <p>ii. The password must not contain as a subsequence the user's name or email address</p>	<p>5. The system transfers the information to validate the account.</p> <p>6. Once the information is validated, the system sends a one-time-password (OTP) to the user's registered email and informs the user to enter the OTP</p> <p>7. The system creates the user account once confirmation is received and stores it in the database.</p>		
Alternative Flows:	<p><u>UA.1.AC.1</u>: If the user enters an invalid email address to register.</p> <ol style="list-style-type: none"> 1. The system displays a message "Please enter a valid email address". 2. The system returns to step 4. <p><u>UA.1.AC.2</u>: If the password does not meet the specified requirement.</p>		

	<ol style="list-style-type: none"> 1. The system displays a message “The password must be at least 20 characters long up to 100 characters and must not contain as a subsequence the user’s name or email address” 2. The system returns to step 4. <p><u>UA.1.AC.3:</u> If there is a mismatch in the password and confirm password fields</p> <ol style="list-style-type: none"> 1. The system displays a message “Passwords do not match. Please try again.” 2. The system returns to step 4. <p><u>UA.1.AC.4:</u> If the user enters an email address that already exists in the database.</p> <ol style="list-style-type: none"> 1. The system displays a message “User account already exists, please enter a different email address or login”. 2. The system returns to step 4.
Exceptions:	<ol style="list-style-type: none"> 1. <u>UA.1.EX.1 User aborts registration</u> User aborts the registration using the “cancel” button System does not save any user details and returns to login screen 2. <u>UA.1.EX.1 User already registered</u> In step 5 system found that user already exist, system will not allow further registration of the user User may return to login screen and login following use case UA.2
Includes:	Authenticate email, Check existing user
Special Requirements:	<ol style="list-style-type: none"> 1. System does not collect information which violates the PDPA 2. Password must be stored securely in salted and hashed form
Assumptions:	-

Notes and Issues:	-
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Use Case ID:	UA.2		
Use Case Name:	Login		
Created By:	Ryan Ong	Last Updated By:	Ryan O
Date Created:	8/9/2022	Date Last Updated:	8/9/2022

Actor:	User
Description:	User proceeds to log into a registered account to access system functionalities on their local device.
Preconditions:	1. User must have an existing account
Postconditions:	1. System will grant access to system functionalities 2. System will transfer user to the appropriate user profile page according to log in details
Priority:	High
Frequency of Use:	Medium

Flow of Events:	<table border="1"> <thead> <tr> <th data-bbox="495 273 917 367">Actor Steps</th><th data-bbox="917 273 1315 367">System Steps</th></tr> </thead> <tbody> <tr> <td data-bbox="495 367 917 577">1. User types in his/ her email and password and presses login</td><td data-bbox="917 367 1315 577">1. System checks if both email and password fields are typed in.</td></tr> <tr> <td data-bbox="495 577 917 903"></td><td data-bbox="917 577 1315 903">1. System authenticate login details and transfer user to their profile page</td></tr> </tbody> </table>	Actor Steps	System Steps	1. User types in his/ her email and password and presses login	1. System checks if both email and password fields are typed in.		1. System authenticate login details and transfer user to their profile page
Actor Steps	System Steps						
1. User types in his/ her email and password and presses login	1. System checks if both email and password fields are typed in.						
	1. System authenticate login details and transfer user to their profile page						
Alternative Flows:	<p><u>UA.2.AC.1</u>: User types in an invalid email address that does not exist in the database.</p> <ol style="list-style-type: none"> 1. System shall prompt the user to register a new account using UA.1 before logging in again. <p><u>UA.2.AC.1</u>: User types in an invalid password</p> <ol style="list-style-type: none"> 1. System shall prompt user to type in the password again or reset his/ her password. 2. User may reset password following use case UA.3 before attempting to login again 						
Exceptions:	If the device is not connected to the internet then browser will show connection error.						
Includes:	-						
Special Requirements:	-						

Assumptions:	Users must be connected to the internet.
Notes and Issues:	-

Use Case ID:	UA.3		
Use Case Name:	Reset password		
Created By:	Ryan Ong	Last Updated By:	Ryan Ong
Date Created:	8/9/2022	Date Last Updated:	8/9/2022

Actor:	User, System
Description:	Users may choose to reset their password in the event they forgot their password.
Preconditions:	1. User must be registered using email authentication
Postconditions:	1. System auto-generates a password to be set to the user account and saved to the cloud
Priority:	Medium
Frequency of Use:	Medium
Flow of Events:	<ol style="list-style-type: none"> 1. User access application site login page 2. User selects "Reset Password" <ol style="list-style-type: none"> a. System will transfer user to password reset page 3. User enters registered email 4. System verifies that the email is registered 5. System generates a password 6. System sends the generated password to the registered email
Alternative Flows:	-
Exceptions:	<u>UA.2.EX.1 Unidentified account</u> <ol style="list-style-type: none"> 1. In step 4, system does not find an existing account 2. System will not run step 5-6 <u>UA.2.EX.2 User aborts password reset</u> <ol style="list-style-type: none"> 1. User aborts password reset using the "cancel" button 2. System returns user to the user login page
Includes:	-
Special Requirements:	-

Assumptions:	1. Users do not have access to other users email accounts
Notes and Issues:	-

Use Case ID:	UA.4		
Use Case Name:	Edit personal details		
Created By:	Ryan Ong	Last Updated By:	Ryan Ong
Date Created:	8/9/2022	Date Last Updated:	8/9/2022

Actor:	User
Description:	Users may change their personal details over time. They can view their current details and make changes to it via the profile page.
Preconditions:	1. User must be registered and logged in
Postconditions:	1. System saves the changes made to user details in the cloud
Priority:	Medium
Frequency of Use:	Low
Flow of Events:	<ol style="list-style-type: none"> 1. User navigates the profile page 2. User selects the "Edit" button 3. User modifies the relevant details 4. User selects the "Save" button at the bottom of the page 5. System will record the changes made to the user account
Alternative Flows:	-
Exceptions:	<u>UA.4.EX.1 Change of user email</u> <ol style="list-style-type: none"> 1. User must contact app developer 2. User must provide a valid new email 3. App developer will verify the email 4. App developer will change user email upon request
Includes:	Login
Special Requirements:	<ol style="list-style-type: none"> 1. User email cannot be modified through the UI 2. User may leave a field empty to delete the relevant field
Assumptions:	-
Notes and Issues:	-

Use Case ID:	UA.5		
Use Case Name:	Edit user settings		
Created By:	Ryan Ong	Last Updated By:	Ryan Ong
Date Created:	8/9/2022	Date Last Updated:	8/9/2022

Actor:	User
Description:	<p>User may wish to change their notification settings or remove users from the blocklist. Users can view their current settings and blocklist, and make changes to it via the settings page.</p> <p>User may also change their registered password if they registered via email authentication.</p>
Preconditions:	1. User must be registered and logged in
Postconditions:	1. System saves the changes made to the settings, blocklist, and/or password to the cloud
Priority:	Low
Frequency of Use:	Low
Flow of Events:	<ol style="list-style-type: none"> 1. User navigates to setting page 2. User selects the "Edit" button 3. User modifies the relevant settings <ol style="list-style-type: none"> a. Notification preferences b. Privacy preferences c. Remove users from blocklist d. Change password 4. User selects the "Save" button at the bottom of the page
Alternative Flows:	<u>UA.5.AC.1 Change of password via reset</u> <ol style="list-style-type: none"> 1. User may reset their password via password reset on login page following use case UA.3 2. Reset password is randomly generated
Exceptions:	<u>UA.5.EX.1 Cancel changes</u> <ol style="list-style-type: none"> 1. User may choose to cancel edits after step 2 by selecting the "Cancel" button at the bottom of the page 2. System will bring user back to setting page

Includes:	Login
Special Requirements:	<ol style="list-style-type: none"> 1. If a password change is made <ol style="list-style-type: none"> a. New password must fit password requirements b. Password must be stored securely in salted and hashed form 2. If user choose to turn off "share my private details" <ol style="list-style-type: none"> a. No other users can view the user's details
Assumptions:	<ol style="list-style-type: none"> 1. Users do not have access to other users account
Notes and Issues:	-

Use Case ID:	UA.6		
Use Case Name:	Logout		
Created By:	Ryan Ong	Last Updated By:	Ryan Ong
Date Created:	8/9/2022	Date Last Updated:	8/9/2022

Actor:	User
Description:	User may wish to logout of the application, removing access to system functionalities until next login.
Preconditions:	1. User must be registered and logged in
Postconditions:	1. System will clear local data 2. System will lock access to system functionalities 3. System will transfer user to login page
Priority:	Medium
Frequency of Use:	Low
Flow of Events:	1. User navigates to setting page 2. User selects the "Logout" button at the end of the page
Alternative Flows:	<u>UA.6.AC.1 Clear cache</u> 1. User may clear the app cache on the device 2. User login will be cleared and user will be logged out
Exceptions:	-
Includes:	Login
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	SI.1		
Use Case Name:	Find other user(s)		
Created By:	Tony	Last Updated By:	Ryan Ong
Date Created:	7/9/2022	Date Last Updated:	20/9/2022

Actor:	User
Description:	<p>The “search” page will show the user a list of users with similar tags and age they could message to work out together.</p> <p>A registered user will be able to access the “search” page and be able to search up other users by their profile names and tags and register them as friends.</p> <p>A registered user will be able to look at other users' profile pages after searching for them.</p>
Preconditions:	1. User must be logged in to the application.
Postconditions:	-
Priority:	High
Frequency of Use:	Medium
Flow of Events:	<ol style="list-style-type: none"> 1. User taps on “search” button (magnifying glass icon) 2. User is shown a list of users with similar tags and age group <ol style="list-style-type: none"> a. User may tap on the search bar and enters the desired profile name b. User is shown a list of users with similar names to what was entered, with the topmost user being the most relevant match. 3. User taps on the desired user 4. The selected user’s profile page will be shown <ol style="list-style-type: none"> a. Users may: <ol style="list-style-type: none"> i. Start chat with the selected user
Alternative Flows:	-

Exceptions:	<u>SI.1.EX.1 No search result</u> <ol style="list-style-type: none"> 1. If user uses the search bar and enters an input which does not match any user's name 2. Search page will show an empty list 3. User must clear search entry to view list of users again
Includes:	-
Special Requirements:	<ol style="list-style-type: none"> 1. If the selected user is blocked, the blocked user cannot view the blocking user's details <ol style="list-style-type: none"> a. User cannot be added as friend b. Chat with the user cannot be created
Assumptions:	-
Notes and Issues:	-

Use Case ID:	SI.2		
Use Case Name:	Create Chat		
Created By:	Tony	Last Updated By:	Ryan Ong
Date Created:	7/9/2022	Date Last Updated:	20/9/2022

Actor:	User
Description:	<p>The “chat” button (message bubble icon) will show a list of other users the app user had sent or received messages from. The list will be sorted according to the most recent message sent or received.</p> <p>To create a private chat, tap on any of the listed users and send the very first message to them.</p>
Preconditions:	1. User must be logged in.
Postconditions:	1. Chat details are saved on the system cloud
Priority:	High
Frequency of Use:	High
Flow of Events:	<ol style="list-style-type: none"> 1. User searches for the person that they want to chat to in the search option 2. In the person’s page, user presses the chat button 3. User is able to send messages to that other user
Alternative Flows:	<p><u>SI.2.AC.1 Create chat via user page</u></p> <ol style="list-style-type: none"> 1. User may find a selected user following use case SI.1 2. User may create a chat with the selected user by selecting the “Start chat” button on the user page <p><u>SI.2.AC.2 Create chat via gym page</u></p> <ol style="list-style-type: none"> 1. User may create a chat through the gym page following use case GP.3 2. Other users may join the chat through the gym page

Exceptions:	-
Includes:	Login, Find other user(s)
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	SI.3		
Use Case Name:	Open Chat		
Created By:	Tony	Last Updated By:	Ryan Ong
Date Created:	8/9/2022	Date Last Updated:	20/9/2022

Actor:	User
Description:	A user will be able to open any chat with other users or groups by tapping on the list of active chats displayed in the “chat” page.
Preconditions:	<ol style="list-style-type: none"> 1. User must be logged in to the application 2. An active chat must have been created
Postconditions:	<ol style="list-style-type: none"> 1. Chat history page will be brought up 2. Chat history will be backed up on the system cloud
Priority:	High
Frequency of Use:	High
Flow of Events:	<ol style="list-style-type: none"> 1. User selects the chat button 2. A list of active chats with other users are brought up 3. User clicks on any of the listed chats 4. The chat page is brought up with previous chat history <ol style="list-style-type: none"> a. Users may send a message by selecting the text box
Alternative Flows:	-
Exceptions:	-
Includes:	Login, Create Chat, View list of active chats
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	SI.4		
Use Case Name:	Delete chat		
Created By:	Tony	Last Updated By:	Tony
Date Created:	8/9/2022	Date Last Updated:	8/9/2022

Actor:	User
Description:	<p>A user may delete their chat history with another user or leave a group chat by long pressing on their chat history and tapping the trash bin icon that appears in the top right corner of the screen.</p> <p>The user will be able to choose to delete chat history for the other user such that neither of them will be able to see their chat history.</p> <p>The user will only be able to delete chat history for himself when leaving a group chat.</p>
Preconditions:	<ol style="list-style-type: none"> 1. User must be logged in 2. An active chat must have been created
Postconditions:	<ol style="list-style-type: none"> 1. Chat history for the deleted chat will be removed permanently for the user.
Priority:	High
Frequency of Use:	Low
Flow of Events:	<ol style="list-style-type: none"> 1. User taps on the chat icon 2. User long press on any of the listed chats displayed 3. A trash bin icon appears in the top right corner of the interface 4. User taps on the trash bin icon, a message box pops up to confirm if the user wants to delete the chat. <ol style="list-style-type: none"> a. If the selected chat is a private chat, an additional checkbox to delete chat history for the other user will be shown. 5. User taps on the confirm button and the chat history is deleted permanently
Alternative Flows:	-

Exceptions:	-
Includes:	Login, View list of active chat
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	GP.1		
Use Case Name:	Open gym page		
Created By:	Subeen	Last Updated By:	Subeen
Date Created:	7/9/2022	Date Last Updated:	7/9/2022

Actor:	User
Description:	All gyms registered on the application have their own gym pages. Gym page of a specific gym acts as a hub for all information regarding the gym.
Preconditions:	<ol style="list-style-type: none"> 1. The user must be registered via UA.1 2. The user must be logged in via UA.2
Postconditions:	-
Priority:	High
Frequency of Use:	High
Flow of Events:	<ol style="list-style-type: none"> 1. User navigates to the search page via bottom tab navigator 2. User searches for a gym by its name <ol style="list-style-type: none"> a. System sorts the gym list according to the search word or the filter b. System displays the sorted gym list 3. User scrolls up on a list until he/she finds a gym of interest 4. User clicks on the selected gym 5. System redirects the user to the gym page
Alternative Flows:	-
Exceptions:	-
Includes:	View list of gyms
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	GP.2		
Use Case Name:	Follow/Unfollow gym		
Created By:	Subeen	Last Updated By:	Subeen
Date Created:	7/9/2022	Date Last Updated:	7/9/2022

Actor:	User
Description:	Following a gym page enables a user to receive notifications for all new events, threads and posts. Unfollowing will stop user from receiving notifications for gym page updates.
Preconditions:	<ol style="list-style-type: none"> 1. The user must be registered via UA.1 2. The user must be logged in via UA.2
Postconditions:	<ol style="list-style-type: none"> 1. Once followed, the gym is added to the “followed” gym list on the user page 2. Once unfollowed, the gym is removed from the “followed” gym list on the user page
Priority:	Low
Frequency of Use:	Medium
Flow of Events:	<ol style="list-style-type: none"> 1. User enters the gym page to follow via GP.1 2. User clicks “follow/unfollow” button
Alternative Flows:	<u>GP.2.AC.1 Unfollow gym via user page</u> <ol style="list-style-type: none"> 1. User navigates to the user page via bottom tab navigator 2. User finds the gym to unfollow from the followed gym list 3. User clicks “unfollow” button
Exceptions:	-
Includes:	Open gym page
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	GP.3		
Use Case Name:	Create gym group chats		
Created By:	Subeen	Last Updated By:	Subeen
Date Created:	7/9/2022	Date Last Updated:	7/9/2022

Actor:	User
Description:	On the gym page, users create a group chat for interaction with other users. Once created, other users can join the chat via the invitation link.
Preconditions:	<ol style="list-style-type: none"> 1. The user must be registered via UA.1 2. The user must be logged in via UA.2
Postconditions:	<ol style="list-style-type: none"> 1. The group chat created is added in the user's chat page
Priority:	Medium
Frequency of Use:	Medium
Flow of Events:	<ol style="list-style-type: none"> 1. User enters the gym page via GP.1 2. User clicks "group chat invite" button 3. User is asked to enter information fields for display 4. User submits the information entered <ol style="list-style-type: none"> a. System checks if all mandatory fields are filled <ol style="list-style-type: none"> i. if filled, system creates a new group chat ii. if not, system asks the user to re-enter required information 5. A new group chat is displayed on chat page and the invite link is automatically created
Alternative Flows:	-
Exceptions:	-
Includes:	Open gym page, View gym group chat
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	GP.4		
Use Case Name:	Create thread		
Created By:	Subeen	Last Updated By:	Ryan Ong
Date Created:	7/9/2022	Date Last Updated:	20/9/2022

Actor:	User
Description:	On the gym page, users can open discussion threads. In a discussion thread, users post any occurrences at the gym.
Preconditions:	<ol style="list-style-type: none"> 1. The user must be registered via UA.1 2. The user must be logged in via UA.2
Postconditions:	<ol style="list-style-type: none"> 1. The thread is added in the scrollable list on the gym page 2. Threads are saved on the system cloud
Priority:	High
Frequency of Use:	High
Flow of Events:	<ol style="list-style-type: none"> 1. User enters the gym page via GP.1 2. User clicks "Create thread" button 3. User is asked to enter information fields for display 4. User selects the "Create" button 5. Gym page will display the newly created thread
Alternative Flows:	-
Exceptions:	<u>GP.4.EX.1 Cancel thread creation</u> <ol style="list-style-type: none"> 1. User may choose to cancel creation of thread by selecting the "Cancel" button in step 3 2. Any information fields entered in step 3 will be deleted 3. User will return to gym page
Includes:	Open gym page, View gym discussion threads
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

Use Case ID:	GP.5		
Use Case Name:	Create post		
Created By:	Subeen	Last Updated By:	Ryan Ong
Date Created:	7/9/2022	Date Last Updated:	20/9/2022

Actor:	User
Description:	On the gym page, users can create posts with other users to share any occurrences at the gym.
Preconditions:	<ol style="list-style-type: none"> 1. The user must be registered via UA.1 2. The user must be logged in via UA.2 3. A thread must have been created by any user
Postconditions:	<ol style="list-style-type: none"> 1. New post is added to the thread 2. Posts are saved on the system cloud
Priority:	High
Frequency of Use:	High
Flow of Events:	<ol style="list-style-type: none"> 1. User enters the gym page via GP.1 2. User chooses a thread to add a post 3. User clicks "new post" button 4. User is asked to enter fields for display 5. User selects the "Post" button 6. The post is added on the discussion thread
Alternative Flows:	-
Exceptions:	<u>GP.5.EX.1 Cancel post creation</u> <ol style="list-style-type: none"> 4. User may choose to cancel creation of post by selecting the "Cancel" button in step 4 5. Any information fields entered in step 4 will be deleted 6. User will return to selected thread
Includes:	Open gym page, View gym discussion threads, Open thread
Special Requirements:	-
Assumptions:	-

Notes and Issues:	-
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Use Case ID:	GP.6		
Use Case Name:	Delete thread/post		
Created By:	Ryan Ong	Last Updated By:	Ryan Ong
Date Created:	9/9/2022	Date Last Updated:	9/9/2022

Actor:	User
Description:	On the gym page, users can delete threads/posts which they have created
Preconditions:	<ol style="list-style-type: none"> 1. The user must be registered via UA.1 2. The user must be logged in via UA.2 3. Thread/Post must be created by the user
Postconditions:	<ol style="list-style-type: none"> 1. Thread/Post is deleted from the system cloud
Priority:	Low
Frequency of Use:	Low
Flow of Events:	<ol style="list-style-type: none"> 1. User enters the gym page via GP.1 2. User locates the thread/post 3. User selects the thread/post dropdown 4. User selects "Delete" button on the dropdown
Alternative Flows:	-
Exceptions:	-
Includes:	Open gym page, View gym discussion threads
Special Requirements:	<ol style="list-style-type: none"> 1. Once thread/post has been deleted, no users can view the deleted thread/post
Assumptions:	-
Notes and Issues:	-

Use Case ID:	WL.1		
Use Case Name:	Add workout plan		
Created By:	Ryan Ong	Last Updated By:	Ryan Ong
Date Created:	20/9/2022	Date Last Updated:	20/9/2022

Actor:	User
Description:	Users can create workout plans by creating an order of pre-defined exercises and define the number of sets, reps, or time-taken
Preconditions:	1. User must be logged in
Postconditions:	1. Created workouts is saved to the system cloud
Priority:	High
Frequency of Use:	Medium
Flow of Events:	<ol style="list-style-type: none"> 1. User navigates to the gym workout page 2. User selects the "+" button 3. User will be directed to the workout creation page 4. User adds exercises from a list of pre-defined exercises <ol style="list-style-type: none"> a. User may filter the list by exercise name and/or target muscle group 5. User defines if exercise is conducted by duration or repetitions (reps) <ol style="list-style-type: none"> a. If duration is selected, user defines the time taken b. If reps is selected, user defines number of reps 6. Repeat step 4 & 5 until as desired by the user 7. User selects the "Create" button to complete the creation
Alternative Flows:	-
Exceptions:	<u>WL.1.EX.1 Cancel workout creation</u> <ol style="list-style-type: none"> 1. At any point between step 3 to 6, user may select the "Cancel" button 2. All workout details will not be saved 3. User will return to the gym workout page
Includes:	-

Special Requirements:	1. At least one exercise must be chosen to create the workout
Assumptions:	-
Notes and Issues:	-

Use Case ID:	WL.2		
Use Case Name:	Edit workout plan		
Created By:	Ryan Ong	Last Updated By:	Ryan Ong
Date Created:	20/9/2022	Date Last Updated:	20/9/2022

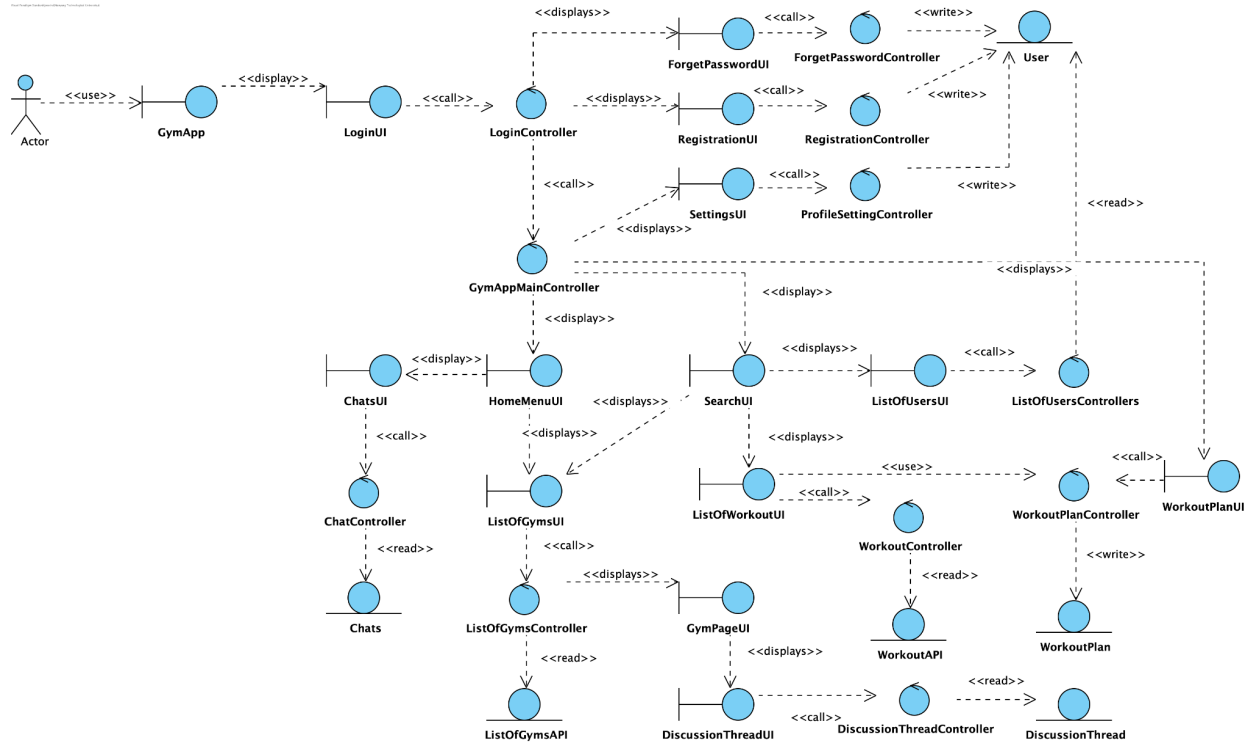
Actor:	User
Description:	User may choose to edit an existing workout plan which they have created. Exercises may be added or removed, and the duration or repetitions of the exercises may be changed by the user.
Preconditions:	<ol style="list-style-type: none"> 1. User must be logged in 2. Workout plan must exist and belong to the user
Postconditions:	<ol style="list-style-type: none"> 1. Edits to the workout must be saved to the cloud
Priority:	Medium
Frequency of Use:	Low
Flow of Events:	<ol style="list-style-type: none"> 1. User navigates to the gym workout page 2. User selects the dropdown menu on the selected workout 3. User selects the "Edit workout" option 4. User will be directed to the edit workout page 5. User makes edits to the workout plan <ol style="list-style-type: none"> a. Add/remove exercises b. Edit exercise duration/repetitions 6. User selected the "Confirm" button
Alternative Flows:	-
Exceptions:	<u>WL.2.AC.1 Cancel edits</u> <ol style="list-style-type: none"> 1. User may choose to cancel edits by selecting the "Cancel" button 2. All edits will not be saved 3. User will be returned to the gym workout page
Includes:	-
Special Requirements:	-

Assumptions:	-
Notes and Issues:	-

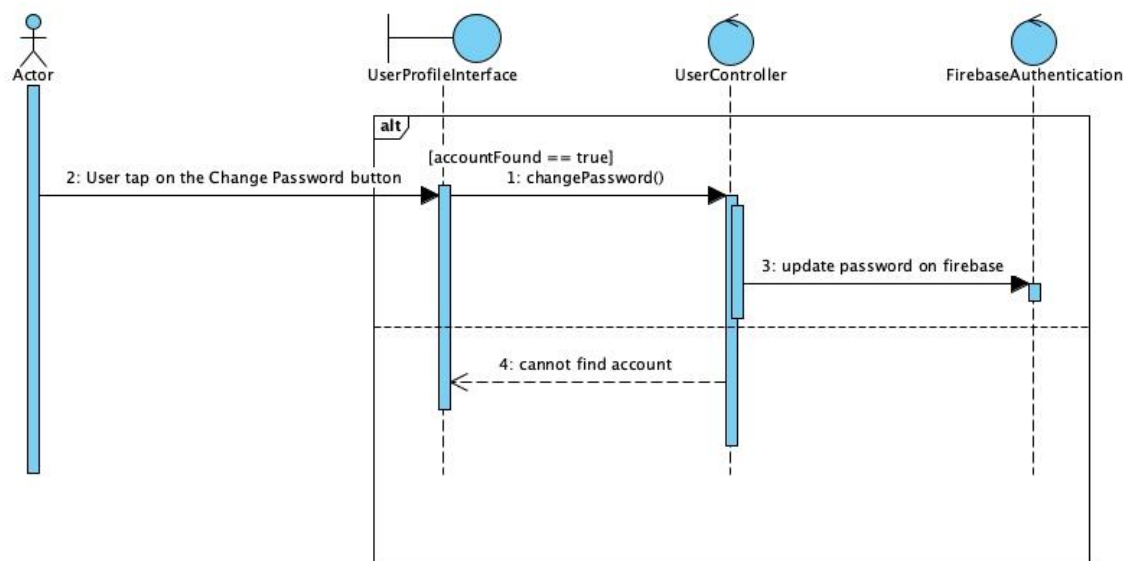
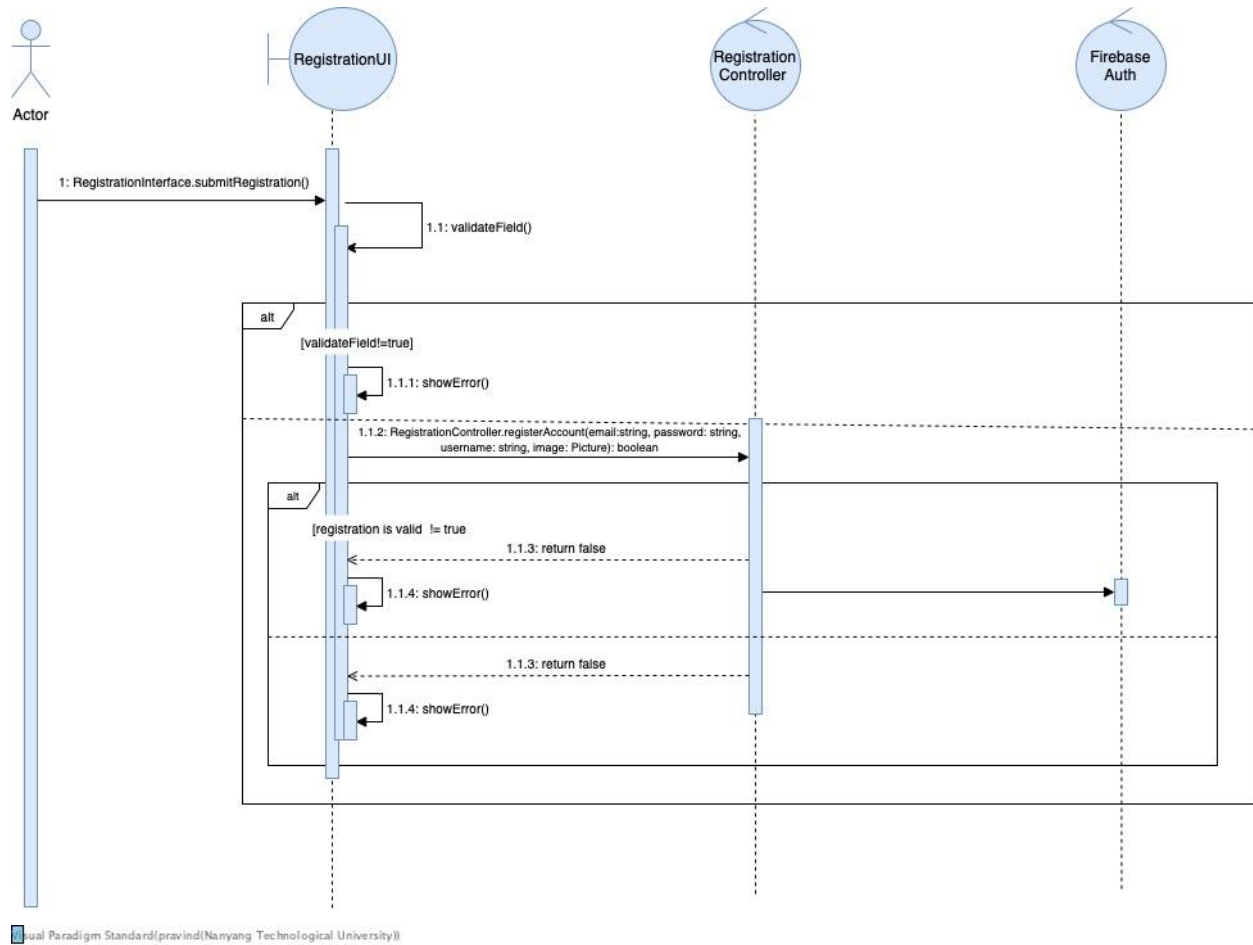
Use Case ID:	WL.3		
Use Case Name:	Delete workout plan		
Created By:	Ryan Ong	Last Updated By:	Ryan Ong
Date Created:	20/9/2022	Date Last Updated:	20/9/2022

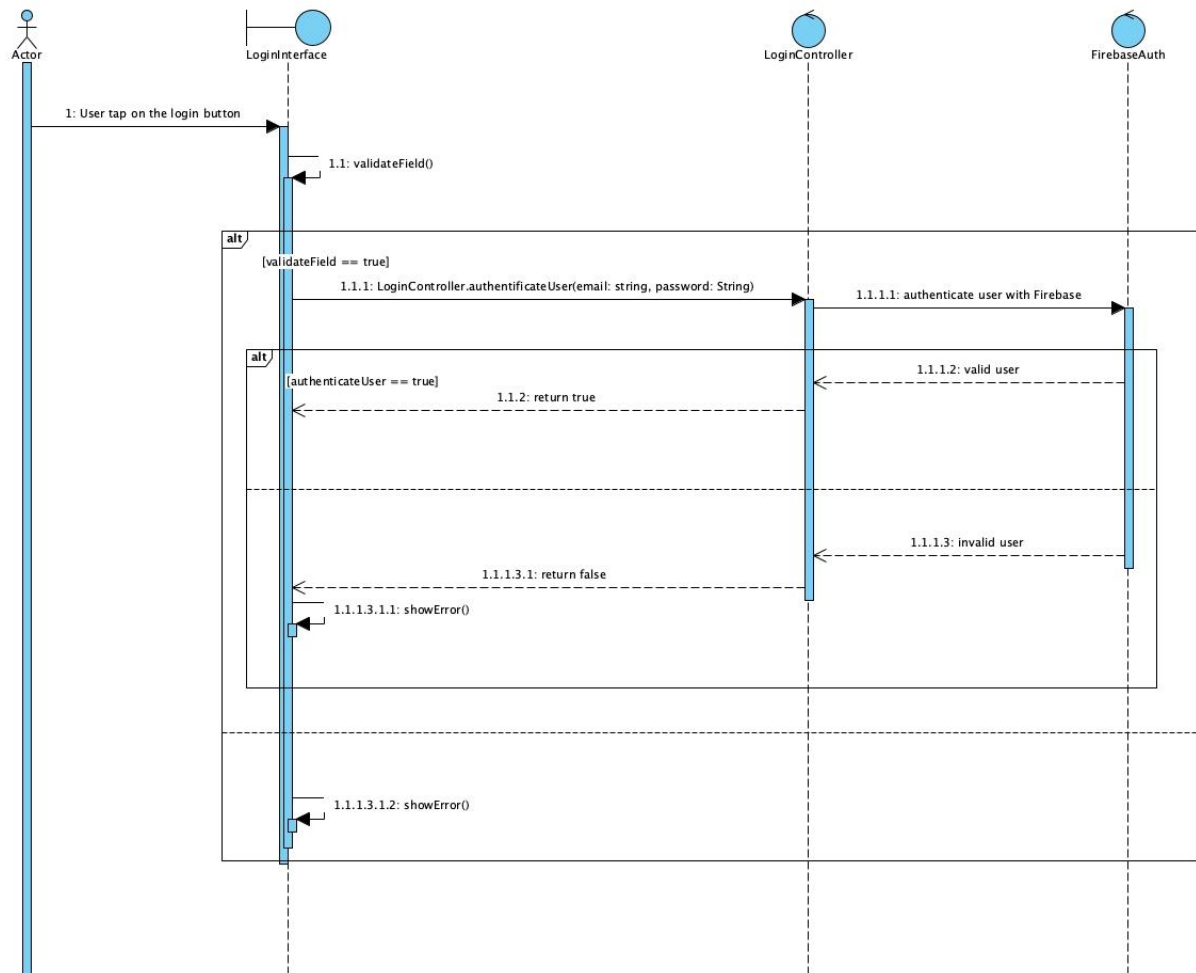
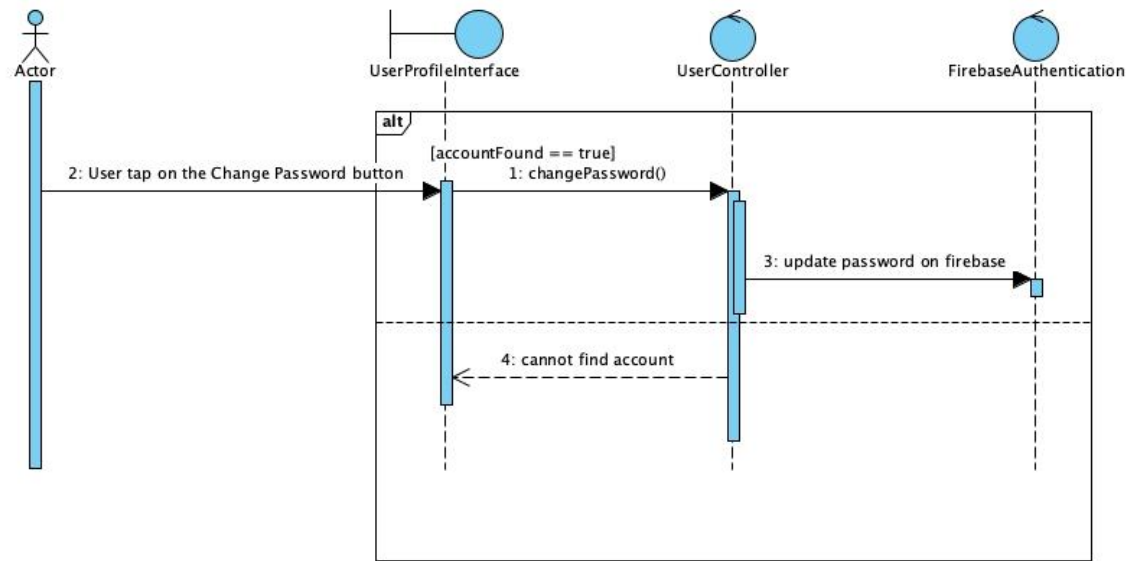
Actor:	User
Description:	User may choose to delete any of workout plans which the user have created
Preconditions:	<ol style="list-style-type: none"> 1. User must be logged in 2. Workout must exist 3. Workout must have been created by the user
Postconditions:	<ol style="list-style-type: none"> 1. Workout will be deleted from the cloud
Priority:	High
Frequency of Use:	Medium
Flow of Events:	<ol style="list-style-type: none"> 1. User navigates to the gym workout page 2. User selects the dropdown menu on the selected workout 3. User selects the "Delete workout" option 4. User confirmed the deletion 5. Workout will be deleted
Alternative Flows:	-
Exceptions:	-
Includes:	-
Special Requirements:	-
Assumptions:	-
Notes and Issues:	-

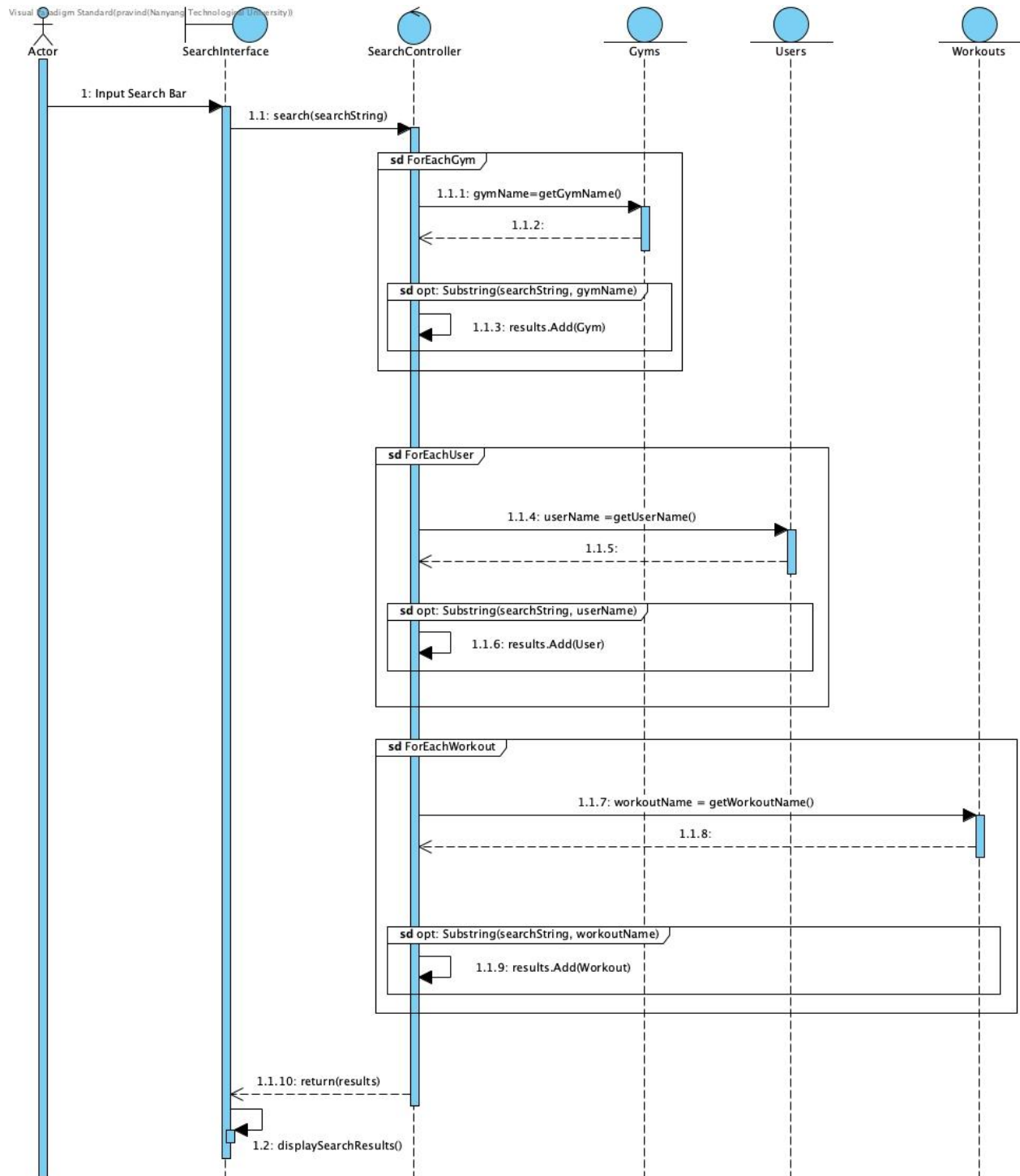
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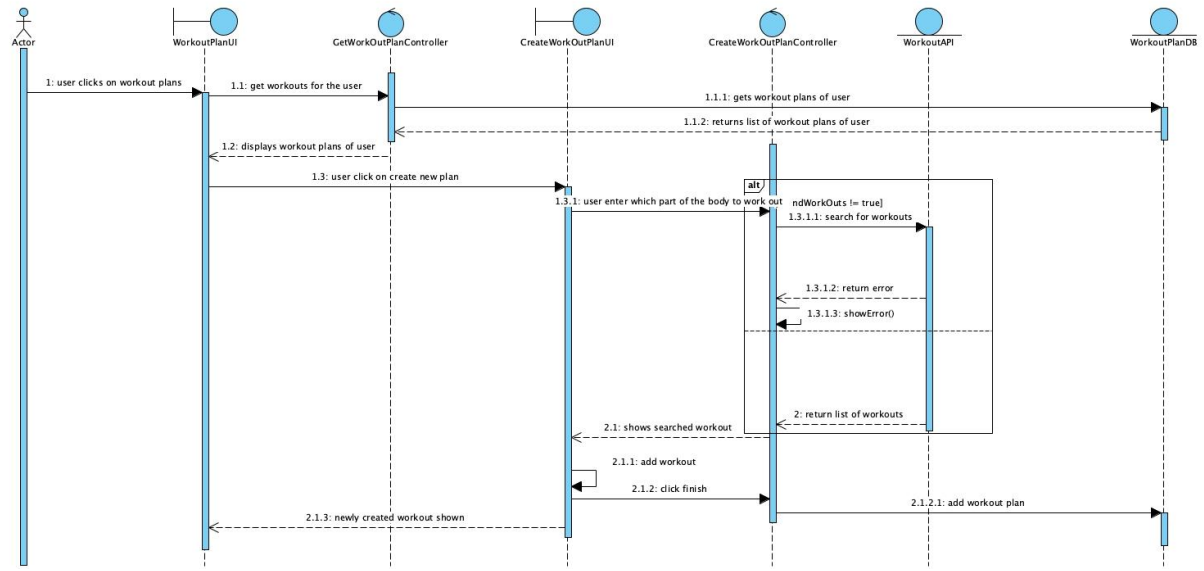


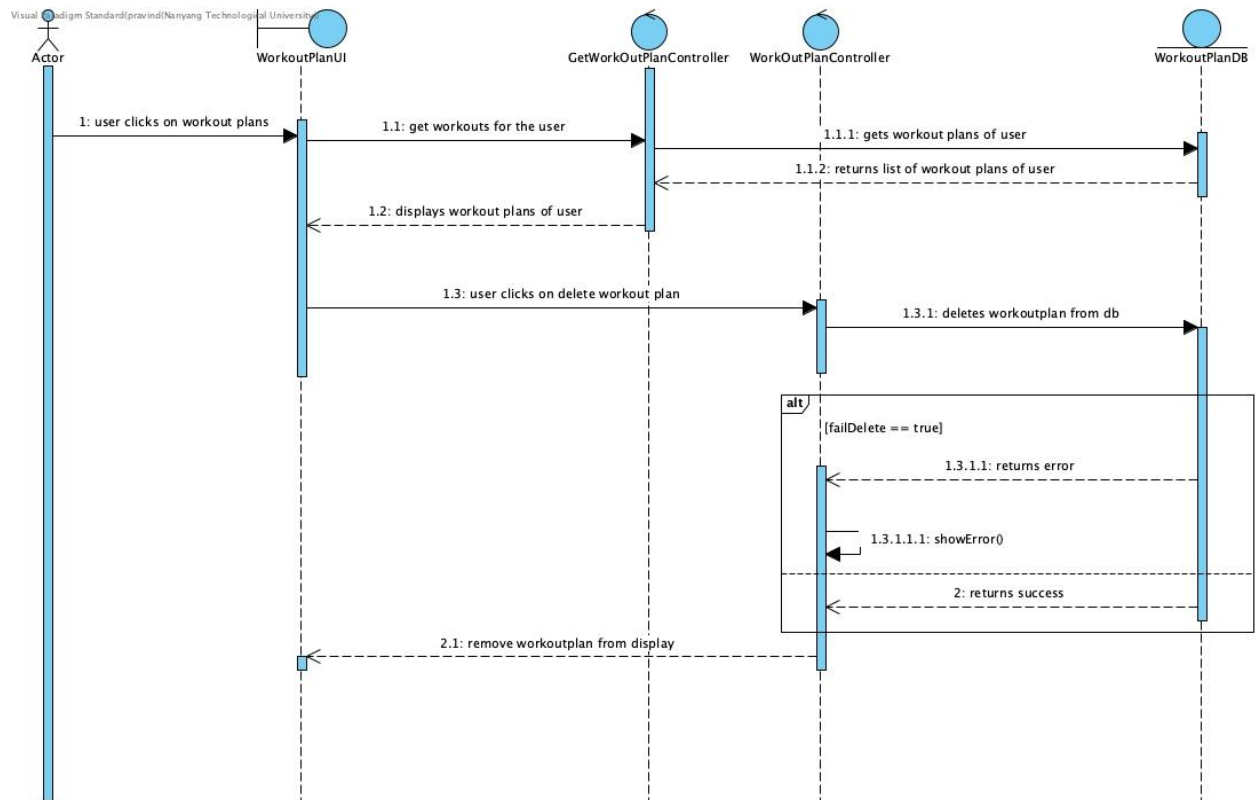
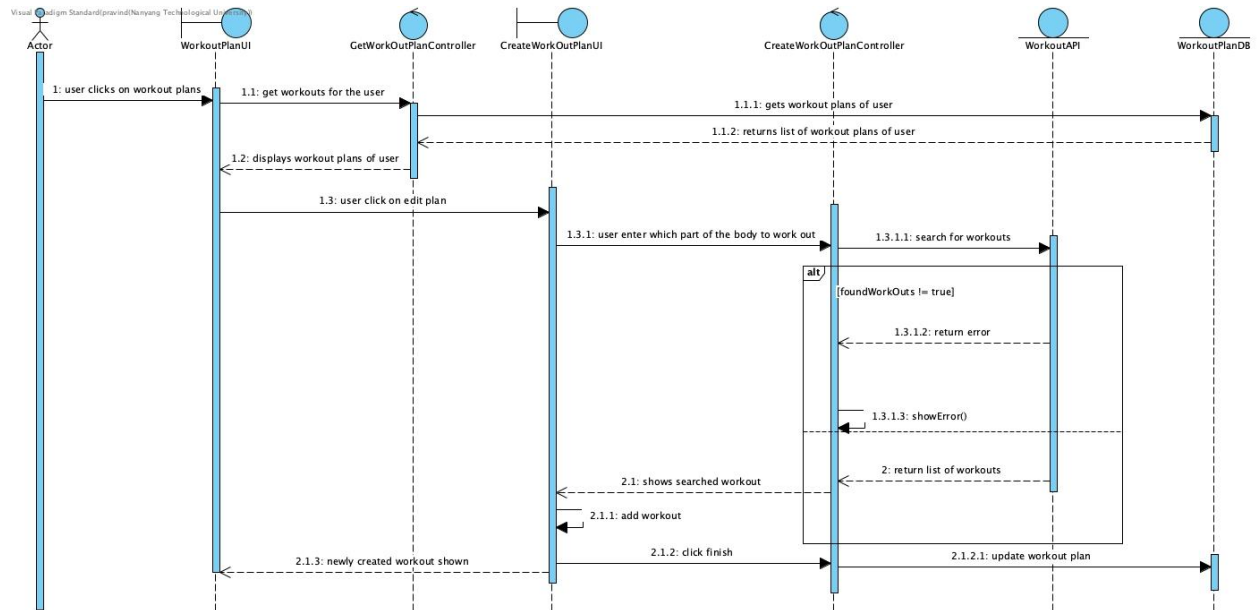
Sequence Diag











Dialog Map:

