



G&Y SRS(Tran Trung Hieu&Doan Le Quoc Han)

Software Requirement (FPT University)

Software Requirements Specification

for

Gym & Yoga, Release 1.0

Version 1.0 approved

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Revision History

Name	Date	Reason For Changes	Version

1. Introduction

1.1 Purpose

This SRS describes the functional and nonfunctional requirements for software release 1.0 of the Gym & Yoga (G&Y). This document is intended to be used by the members of the project team who will implement and verify the correct functioning of the system. Unless otherwise noted, all requirements specified here are committed for release 1.0.

1.2 Document Conventions

No special typographical conventions are used in this SRS.

1.3 Project Scope and Product Features

Many people want a system that allows them to look up information about the gym in the most obvious way. In addition, they can use the services of the gym as quickly as possible. Through that they do not need to go directly to the gym to register, to avoid wasting time. So the gym is also easy customer care, allocation of work for employees reasonably.

We shall make it easier for customers to post about their experience and respond in a timely manner that builds connections with existing clients. Additionally, we think about untraditional marketing strategies to spread the word for Gym & Spa business. For example, we gave away passes to influential fitness bloggers in the beginning to quickly get their story out there.

1.4 References

No references are used in this SRS.

2. Overall Description

2.1 Product Perspective

Gym & Yoga system is an application that helps customers easily access the services of the gym. The feature tree diagram illustrates the main functions of the application. The application is expected to evolve over several releases, and completed fully by the end of the years

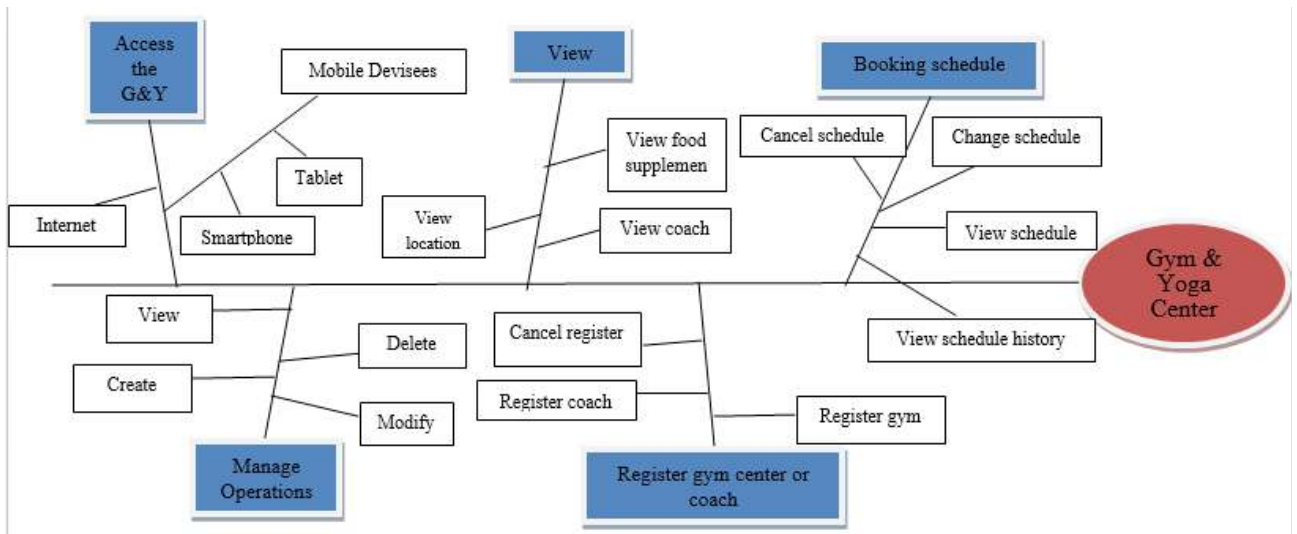


Figure 1. Feature tree for release 1.0 of the Gym & Yoga.

2.2 User Classes and Characteristics

View	Customers have a clear and easy to use layout every time they access the application. Customers will easily find the services they want with the above layout.
Booking schedule	Function that provides clear and detailed workout schedule of the gym. Customers can choose a workout schedule that suits themselves.
Manage Operations	For the manager role, they will manage through the gym, the client's and they also have to take care of the client. For owner, manage employee information.
Register gym center or coach	After coming to the application, customers can register to the gym that they like the most and can register with the coach if needed.

2.3 Operating Environment

- OE-1: The G&Y shall operate correctly with the following web browsers: Microsoft Edge 44.17763; Firefox versions 12 through 26; Google Chrome (all versions); and Apple Safari versions 4.0 through 8.0.
- OE-2: The G&Y shall operate on a server running the current corporate-approved versions of Red Hat Linux and Apache HTTP Server.
- OE-3: The COS shall permit user access from the corporate Intranet, from a VPN Internet connection, and by Android, iOS, and Windows smartphones and tablets.

2.4 Design and Implementation Constraints

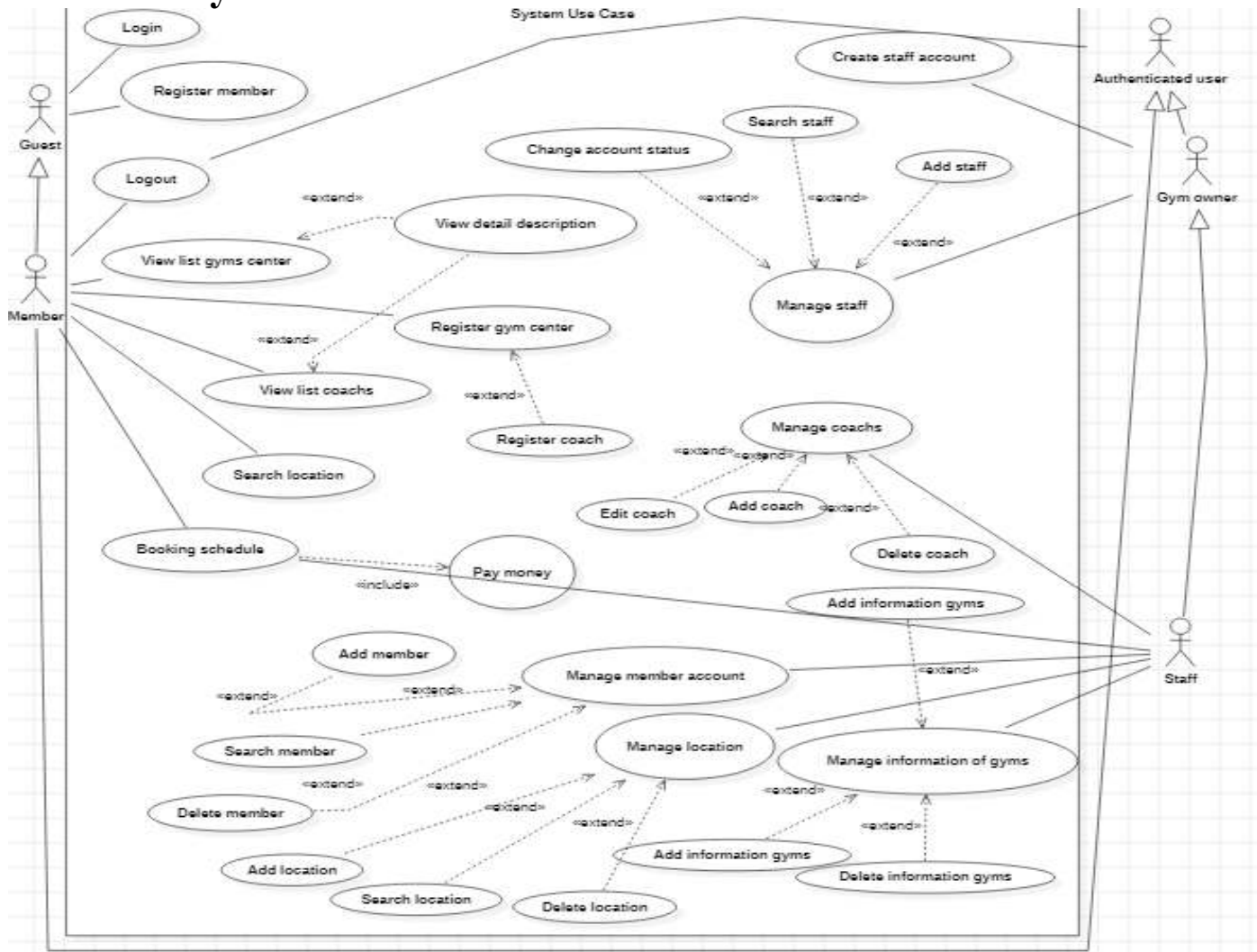
- CO-1: The system's design, code, and maintenance documentation shall conform to the *Process Impact Intranet Development Standard, Version 1.3*.
- CO-2: The system shall use the current corporate standard MongoDB database engine.
- CO-3: All HTML code shall conform to the HTML 5.0 standard.

2.5 Assumptions and Dependencies

AS-1: Systems with appropriate user interfaces will be available for gym employees to process the expected customer requirements.

AS-2: Gym employees must respond to customer feedback within 24 hours.

3. System Features



Primary Actor	Use Cases
Gust	1. Login 2. Register member

Member	3. Login 4. Register gym 5. Register coach 6. Booking 7. Search location 8. View list gym 9. View list coach 10. Pay money 11. Logout
Staff	12. Add member 13. Search member 14. Delete member 15. Add location 16. Search location 17. Delete location 18. Add gym 19. Delete gym 20. Search gym 21. Add coach 22. Search coach 23. Delete coach
Owner's gym	24. Create staff account 25. Change account status 26. Add staff 27. Search staff

ID and Name:	UC-1: Login		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Guest	Secondary Actors:	Registration System
Description:	Members want to login for application		
Trigger:	The member click button login		
Preconditions:	PRE-1. Guest has not logged in the system		
Postconditions:	POST-1: Login successfully POST-2: Show error message		
Normal Flow:	1.0 Login 1. Click button login 2. Login by FB, GM,.		
Alternative Flows:	None		
Exceptions:	The system may report information errors in case of incorrect information and unsuccessful registration.		

Priority:	
Business Rules:	Only active account can login the system
Other Information:	

ID and Name:	UC-2 Register gym		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Member	Secondary Actors:	Registration System
Description:	Allow member register the gym in the system		
Trigger:	Guest clicks “Register gym” button		
Preconditions:	PRE-1. Member is logged into G&Y. PRE-2. Member registered coaches.		
Postconditions:	POST-1: Show success message POST-2: Show error message		
Normal Flow:	2.0 Register gym 1. View the list coaches 2. Choose the coach what member wants to register 3. Add contact details.		
Alternative Flows:	None		
Exceptions:	The system may report information errors in case of incorrect information and unsuccessful registration.		
Priority:			
Business Rules:	BR: Members must become members of that gym in order to register for a gym		
Other Information:			

ID and Name:	UC-3 Register coach		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Member	Secondary Actors:	Registration System
Description:	Members who want to register for the coach they like.		
Trigger:	The member wants to register the coach that the member likes		
Preconditions:	PRE-1. Member is logged into G&Y. PRE-2. Member registered coaches.		
Postconditions:	POST-1: Show success message		

	POST-2: Show error message
Normal Flow:	3.0 Register coach 1. View the list coaches 2. Choose the coach what member wants to register 3. Add contact details.
Alternative Flows:	The customer must become a member of the application
Exceptions:	The system may report information errors in case of incorrect information and unsuccessful registration.
Priority:	
Business Rules:	BR: Members must become members of that gym in order to register for a coach
Other Information:	

ID and Name:	UC-4 Booking schedule		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Member	Secondary Actors:	Booking System
Description:	After completing the membership card registration procedure, choose a suitable workout schedule for them		
Trigger:	The gym is available to suggest a schedule, or negotiate privately with a coach		
Preconditions:	PRE-1. Member is logged into G&Y.		
Postconditions:	POST-1: Given training schedule is fixed and accurate POST-2: The training schedule with the coach, the student and the coach can discuss further		
Normal Flow:	4.0 Booking schedule 1. Review the booking schedule 2. Choose a training schedule that suits them 3. Select the appropriate room. 4. Payment is required before scheduling is accepted		
Alternative Flows:	The customer must become a member of the application		
Exceptions:	1. If the member select the training schedule, system will prompt the member to select the available schedule 2. The member must register the gym center after booking scheduler		
Priority:			
Business Rules:	BR: Can only register at one facility at a time		
Other Information:			

ID and Name:	UC-5 Search location		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Member	Secondary Actors:	Management System
Description:	Allows members to search the application's list of gyms		
Trigger:	Member clicks on search button		
Preconditions:	PRE-1. Member is logged into G&Y.		
Postconditions:	POST-1: Given training schedule is fixed and accurate POST-2: The training schedule with the coach, the student and the coach can discuss further		
Normal Flow:	4.0 Search location 1. Member chooses one location as start location 2. Show the nearest roads to the location		
Alternative Flows:	The customer must become a member of the application		
Exceptions:	None		
Priority:			
Business Rules:	BR: Only search for the gyms available in the app		
Other Information:			

ID and Name:	UC-6: View list gym		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Member	Secondary Actors:	Management System
Description:	View list of gyms		
Trigger:	Member clicks on view button		
Preconditions:	PRE-1. Member is logged into G&Y.		
Postconditions:	POST-1: Show the list gym POST-2: Send error message		
Normal Flow:	6.0 View list gym 1. Review the booking schedule 2. Choose a training schedule that suits them 3. Select the appropriate room. 4. Payment is required before scheduling is accepted		
Alternative Flows:	The customer must become a member of the application		
Exceptions:	None		
Priority:			
Business Rules:	None		
Other			

Information:			
ID and Name:	UC-7: View list coach		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Member	Secondary Actors:	Management System
Description:	View list of coach		
Trigger:	Member clicks on view coach		
Preconditions:	PRE-1. Patron is logged into COS. PRE-2. Member registered a gym center.		
Postconditions:	POST-1: Show the list coach POST-2: Send error message		
Normal Flow:	7.0 View list coach 1. Review the booking schedule 2. Choose a training schedule that suits them 3. Select the appropriate room. 4. Payment is required before scheduling is accepted		
Alternative Flows:	The customer must become a member of the application		
Exceptions:	1. If the member select the training schedule, system will prompt the member to select the available schedule 2. The member must register the gym center after booking scheduler		
Priority:			
Business Rules:	can only register at one facility at a time		
Other Information:			

ID and Name:	UC-8: Pay money		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Member	Secondary Actors:	Booking System
Description:	After the member booking schedule, they have to pay money to have that schedule		
Trigger:	Select “pay money” button		
Preconditions:	PRE-1: Member must login into the system		
Postconditions:	POST-1: Redirect to confirm for booking page POST-2: Send error message		
Normal Flow:	8.0 Booking schedule 1. Review the booking schedule 2. Choose a training schedule that suits them 3. Select the appropriate room. 4. Payment is required before scheduling is accepted		
Alternative	If member click “Cancel” link. Redirect to home page		

Flows:	
Exceptions:	None
Priority:	
Business Rules:	BR: Customer must pay online by account bank, paypal, momo,....
Other Information:	

ID and Name:	UC-9: Logout		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	<i>Authenticated</i>	Secondary Actors:	Logout System
Description:	Allows the member can log out of the system		
Trigger:	Click “log out” button		
Preconditions:	PRE-1: Member must login into the system		
Postconditions:	POST-1: <i>Authenticated user</i> log out of the system POST-2: Do nothing		
Normal Flow:	9.0 Log out 1. Click “log out” button		
Alternative Flows:	None		
Exceptions:	None		
Priority:			
Business Rules:	BR: After log out, user will return the login page		
Other Information:			

ID and Name:	UC-10: Add member		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Staff	Secondary Actors:	Management System
Description:	The system allows staff add new member into management system		
Trigger:	The staff provides enough information for system and add member to system		
Preconditions:	PRE-1. The staff must login into the system with staff role		
Postconditions:	POST-1: New member account will be added POST-2: Show error message, no new account added		
Normal Flow:	10.0.Add member 1. Select add member		
Alternative Flows:	None		

Exceptions:	When adding member, that member already exist
Priority:	
Frequency of Use:	
Business Rules:	BR: When members are successfully added, they can fully use the services of the gym center.
Other Information:	
Assumptions:	

ID and Name:	UC-11: Search member		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Staff	Secondary Actors:	Management System
Description:	The staff looking for the member they want to find		
Trigger:	The staff enter member id into search bar		
Preconditions:	PRE-1. The staff must login into the system with staff role		
Postconditions:	POST-1: Show the member successful POST-2: Show error message		
Normal Flow:	11.0 Search member 1. Enter member id into search bar 2. Show result		
Alternative Flows:	None		
Exceptions:	When entering a member that does not exist, an announcement is required		
Priority:			
Business Rules:	BR: List of search member are sorted by alphabet based on alias		
Other Information:			

ID and Name:	UC-12: Delete member		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Staff	Secondary Actors:	Management System
Description:	Remove the member from system		
Trigger:	The staff view list member and touch to delete member		
Preconditions:	PRE-1. The staff must login into the system with staff role		
Postconditions:	POST-1: Remove the member and show the success message POST-2: Show error message		
Normal Flow:	12.0 Delete member 1. View the list member 2. Delete the member		
Alternative Flows:	None		
Exceptions:	The staff touches "Delete member" button many times, nothing happen		
Priority:			

Business Rules:	BR: “Delete member” button is only show on system which is having BR: When the member was delete that they don’t have any information from gym center
Other Information:	

ID and Name:	UC-13: Add location		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Staff	Secondary Actors:	Management System
Description:	The system allows staff add gym’s location into the system		
Trigger:	The staff provides enough information to add gym’s location into the system		
Preconditions:	PRE-1. The staff must login into the system with staff role		
Postconditions:	POST-1: The gym’s location will be added POST-2: Show error message		
Normal Flow:	13.0 Add location 1. Select gym’s location 2. Provide information for the system 3. Click “Add” button		
Alternative Flows:	None		
Exceptions:	When gym’s location, that gym’s location already exist		
Priority:			
Business Rules:	None		
Other Information:			

ID and Name:	UC-14: Search location		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Staff	Secondary Actors:	Management System
Description:	The staff looking for the location they want to find		
Trigger:	The staff enter gym’s location id into search bar		
Preconditions:	PRE-1. The staff must login into the system with staff role		
Postconditions:	POST-1: Show the success message POST-2: Show error message		
Normal Flow:	14.0 Search location 1. Enter gym’s location id into search bar 2. Show result		
Alternative Flows:	None		
Exceptions:	When entering a gym’s location that does not exist, an announcement is		

	required
Priority:	
Business Rules:	None
Other Information:	

ID and Name:	UC-15: Delete location		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Staff	Secondary Actors:	Management System
Description:	Remove the location from system		
Trigger:	The staff view list location and touch to delete location		
Preconditions:	PRE-1. The staff must login into the system with staff role		
Postconditions:	POST-1: Show the success message POST-2: Show error message		
Normal Flow:	15.0 Delete member 1. View the list location 2. Delete the location		
Alternative Flows:	None		
Exceptions:	When entering a gym's location that does not exist, an announcement is required		
Priority:			
Business Rules:	None		
Other Information:			

ID and Name:	UC-16: Add gym		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Staff	Secondary Actors:	Management System
Description:	The system allows staff add gym into the system		
Trigger:	The staff provides enough information to add gym into the system		
Preconditions:	PRE-1. The staff must login into the system with staff role		
Postconditions:	POST-1: Show the success message POST-2: Show error message		
Normal Flow:	15.0 Add gym 1. Select add gym 2. Provide information for the system 3. Click "Add" button		
Alternative Flows:	None		
Exceptions:	Add incorrect information of the gym		
Priority:			

Business Rules:	None
Other Information:	

ID and Name:	UC-17: Search gym		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Staff	Secondary Actors:	Management System
Description:	The staff looking for the gym they want to find		
Trigger:	The staff enter gym id into search bar		
Preconditions:	PRE-1. The staff must login into the system with staff role		
Postconditions:	POST-1: Show the success message POST-2: Show error message		
Normal Flow:	17.0 Search gym 1. Enter gym id into search bar 2. Show result		
Alternative Flows:	None		
Exceptions:	When entering a gym's location that does not exist, an announcement is required		
Priority:			
Business Rules:	BR: Only search gym have on the system		
Other Information:			

ID and Name:	UC-18: Delete gym		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Staff	Secondary Actors:	Management System
Description:	Remove the gym from system		
Trigger:	The staff view list gym and touch to delete gym		
Preconditions:	PRE-1. The staff must login into the system with staff role		
Postconditions:	POST-1: Show the success message POST-2: Show error message		
Normal Flow:	18.0 Delete gym 1. View the list gym 2. Delete the gym		
Alternative Flows:	None		
Exceptions:	When entering a gym's location that does not exist, an announcement is required		

Priority:	
Business Rules:	BR: Only search gym's location have on the system
Other Information:	

ID and Name:	UC-19: Add coach		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Staff	Secondary Actors:	Management System
Description:	The system allows staff add coach into the system		
Trigger:	The staff provides enough information to add coach into the system		
Preconditions:	PRE-1. The staff must login into the system with staff role		
Postconditions:	POST-1: Show the success message POST-2: Show error message		
Normal Flow:	19.0 Add coach 1. Select add coach 2. Provide information for the system 3. Click "Add" button		
Alternative Flows:	None		
Exceptions:	Add incorrect information of the gym		
Priority:			
Business Rules:	None		
Other Information:			

ID and Name:	UC-20: Search coach		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Staff	Secondary Actors:	Management System
Description:	The staff looking for the coach they want to find		
Trigger:	The staff enter coach id into search bar		
Preconditions:	PRE-1. The staff must login into the system with staff role		
Postconditions:	POST-1: Show the success message POST-2: Show error message		
Normal Flow:	20.0 Search coach 1. Enter coach id into search bar 2. Show result		
Alternative Flows:	None		
Exceptions:	None		
Priority:			
Business Rules:	None		

	BR: Only search gym's location have on the system
Other Information:	

ID and Name:	UC-21: Delete coach		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Staff	Secondary Actors:	Management System
Description:	Remove the coach from system		
Trigger:	The staff view list coach and touch to delete coach		
Preconditions:	PRE-1. The staff must login into the system with staff role		
Postconditions:	POST-1: Show the success message POST-2: Show error message		
Normal Flow:	21.0 Delete coach 1. View the list coach 2. Delete the coach		
Alternative Flows:	None		
Exceptions:	When entering a gym's location that does not exist, an announcement is required		
Priority:			
Business Rules:	None		
Other Information:			

ID and Name:	UC-22: Create staff account		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Owner	Secondary Actors:	Management System
Description:	Allows owner create new staff account in the system		
Trigger:	Click "new staff account"		
Preconditions:	PRE 1: User must login the system with owner role		
Postconditions:	POST 1: New staff account will be added to the database POST 2: Show error message		
Normal Flow:	22.0 Create staff account 1. Click "Create staff account" button 2. Owner fills data and clicks "Create" button		
Alternative Flows:	None		
Exceptions:	1. Fills date must be right		
Priority:			
Business Rules:	Staff has to login and change first time password to activate his or her account.		
Other Information:			

ID and Name:	UC-23: Change account status		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Member	Secondary Actors:	Management System
Description:	Allows owner update status of staff's account		
Trigger:	Member clicks on comment button		
Preconditions:	PRE 1: User must login the system with owner role		
Postconditions:	POST 1: New staff account will be added to the database POST 2: Show error message		
Normal Flow:	22.0 Change account status 1. Click menu item "account staff" 2. Select an active account and click "Stop activity" button.		
Alternative Flows:	None		
Exceptions:	Database connection error		
Priority:			
Business Rules:	Active account: an account that can log in to the system and use account role's functions		
Other Information:			

ID and Name:	UC-24: Add staff		
Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Owner	Secondary Actors:	Management System
Description:	The system allows owner add staff into the system		
Trigger:	The owner provides enough information to add staff into the system		
Preconditions:	PRE-1. The staff must login into the system with owner role		
Postconditions:	POST-1: Show the success message POST-2: Show error message		
Normal Flow:	24.0 Add staff 1. Select add staff 2. Provide information for the system 3. Click "Add" button		
Alternative Flows:	None		
Exceptions:	None		
Priority:			
Business Rules:	None		
Other Information:			

ID and Name:	UC-25: Search staff
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Created By:	TranTrungHieu	Date Created:	10/9/20
Primary Actor:	Owner	Secondary Actors:	Management System
Description:	The owner looking for the staff they want to find		
Trigger:	The owner enter staff id into search bar		
Preconditions:	PRE-1. The owner must login into the system with owner role		
Postconditions:	POST-1: Show the success message POST-2: Show error message		
Normal Flow:	25.0 Search staff 1. Enter staff id into search bar 2. Show result		
Alternative Flows:	None		
Exceptions:	None		
Priority:			
Business Rules:	None		
Other Information:			

Business Rules

ID	• Rule Definition	Type of Rule	Static or Dynamic	Source
BR-1	Any list being showed must be sort in ascending order	Fact	Static	System Manager
BR-2	Can only register at only one facility at a time	Constraint	Static	System Manager
BR-3	Can only register 2 personal coaches max	Constraint	Static	System Manager
BR-4	All utilities in a single work-out session must be paid for by using the same payment method.	Constraint	Static	Gym Policy
BR-11	A member can only stay login on only one device at a time	Fact	Static	System Manager
BR-24	Only Gym employees who are designated as Managers by the Owner can manage staffs and sessions	Constraint	Static	Gym Policy
BR-86	Only regular members can register for payroll deduction for any purchase.	Constraint	Static	Accounting Manager
BR-88	A member can register for payroll deduction payment if no more than 40	Constraint	Dynamic	Accounting Manager

	percent of his/her gross pay is currently being deducted for other reasons.			
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4. Data Requirements

4.1 Logical Data Model

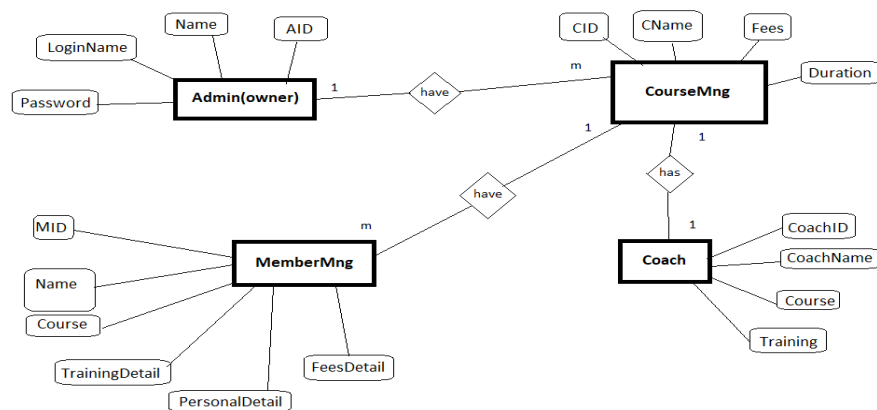


Figure 2. Partial data model for release 1.0 of the Gym and Yoga.

4.2 Data Dictionary

Data Element	Description	Composition or Data Type	Length	Values
coachID	id of coach provided by the system	String	10	
coachName	Name of the coach	String	50	
coachPhone	Phone number of coach	int	10	
coachEmail	Email of coach	String	50	
gymID	Id of gym provided by the system	String	10	
gymName	Name of the gym	String	100	
gymPhone	Phone number of gym	int	10	

gymAddress	Address of the gym	String	100	
customerID	id of customer provided by the system	String	10	
customerName	Name of the customer	String	50	
customerPhone	Phone number of customer	int	10	
customerEmail	Email of customer	String	100	
customerAddresses	Address of customer	String	100	
methodID	id number provided by the system	String	10	
methodName	Name of the method training	String	50	
uploadDate	description of a menu item	date, MM/DD/YYYY	10	
methodStatus	indicates the status of training yes or no	String	10	
scheduleID	id of customer provided by the system	String	10	
schdeuleDate	The schedule of training	date, MM/DD/YYYY	10	
schdeuleStatus	Allow know the schedule of training: yes or no	String	10	

5. External Interface Requirements

5.1 User Interfaces

* Login tab:

- Text boxes for userID and password input
- A link below for new user registration

(* Registration tab:

- Lots of textbox and text field to get information inputs
- After all the fields are filled, press the submit button to validate input and finish the task)
- An option box for user to define their roles (owner/member/coaches)
- Once the information is logged and the submit button is pressed, the screen is switched to next tab depends on user's role

* Member's tab:

A menu bar at the top of the screen allow user to switch between tabs such as Booking/User Info/Membership/Schedule/Personal Plan

* Owner's tab:

Similar to member's tab. This page shall have Studio's Schedule/Manage Staff/Finances/Sales/Studio Info/Contacts tabs

* Coach's tab:

Similar to member's tab. This page shall have Assigned Schedule/Pay check/Create Schedule

5.2 Software Interfaces

The system requires a properly configured version of Windows (with up to date .NET framework) or Linux/Unix. The system's server must have MySQL properly installed and configured

5.3 Hardware Interfaces

The application can run on any hardware. The system must have at least 100 Mb of free disk space in order to install the application. The program doesn't write information directly to the user's hardware but instead uses a database which is located on a network server. The user's computer transfers and receives data from the server using basic networking protocols. All system's information is stored in the server's database which stores the data on the server's disk

5.4 Communications Interfaces

All data transferred between the server and the individual computer shall use the TCP/IP networking protocol over an Ethernet connection. This network is closed and is not accessible from the internet. This ensure unauthorized access is prohibited

6. Quality Attributes

6.1 Usability Requirements

USE-1: 95% of new users shall be able to successfully order a meal without errors on their first try.

6.2 Performance Requirements

PER-1: 95% of webpages generated by the G&Y shall download completely within 4 seconds from the time the user requests the page over a 20Mbps or faster Internet connection.

PER-3: The system shall display confirmation messages to users within an average of 3 seconds and a maximum of 6 seconds after the user submits information to the system.

6.3 Security Requirements

SEC-1: All network transactions that involve financial information or personally identifiable information shall be encrypted.

SEC-2: Users shall be required to log on to the G&Y for all operations.

SEC-3: The system shall permit Member to view only register orders that they paid.

6.4 Safety Requirements

SAF-1: The member shall be able to see a list of all method training , with training methods from easy to faculty

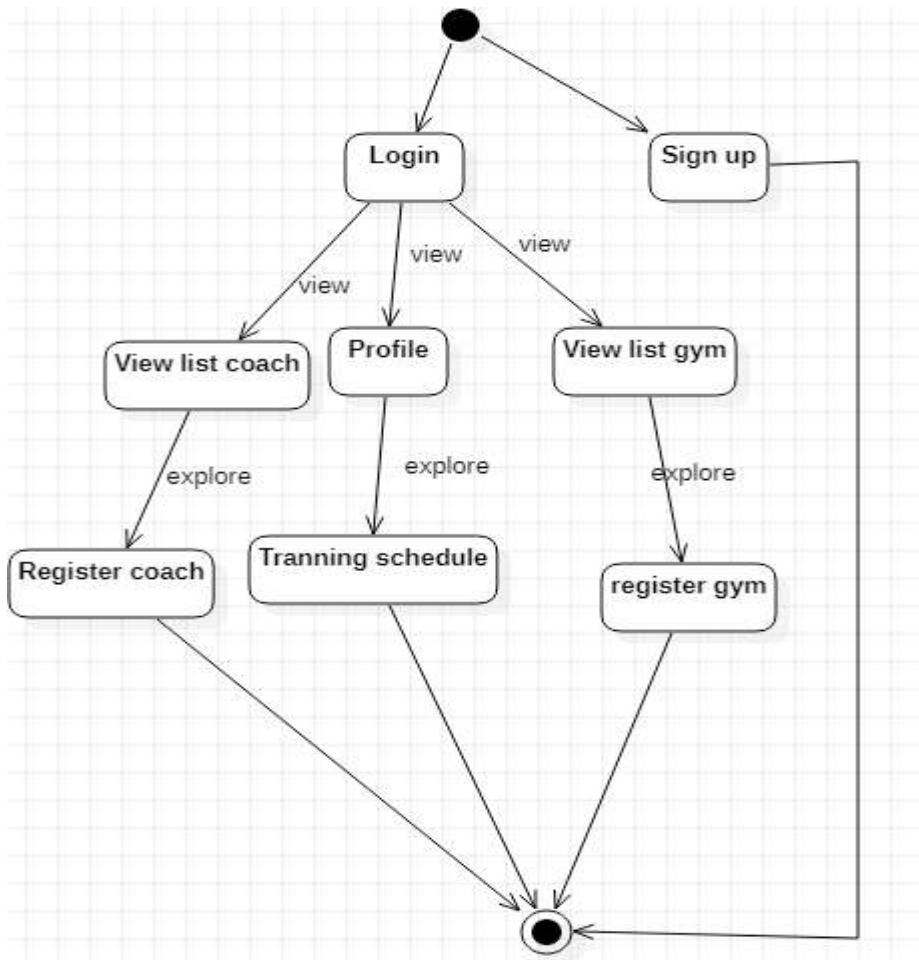
6.5 Availability Requirements

AVL-1: The G&Y shall be available at least 99% of the time between 5:00 A.M. and midnight local time and at least 90% of the time between midnight and 5:00 A.M. local time, excluding scheduled maintenance windows.

6.6 Robustness Requirements

ROB-1: If the connection between the user and the G&Y is broken prior payment, the G&Y shall enable the user to recover an incomplete payment and continue working on it.

Appendix A: Analysis model



Diagram

