# Use Cases

## Admin (facility)

I want to be able to login to my account

I want to be able to logout of my account

I want to be able to change the password to my account

I want to be able to view my sports club’s member code (created in signup)

I want to be able to change my sports club’s member code

**I want to be able to edit the livestream hyperlink available to participants**

**I want to be able to view a participant’s livestream accessibility times**

**I want to be able to edit a participant’s livestream accessibility times**

I want to be able to view all messages currently displayed in the mobile app

I want to be able to create new messages to participants (possibly with urgency level)

I want to be able to edit existing messages to participants

I want to be able to remove messages issued to participants

I want to be able to view the information page available to participants (contact info created in signup)

I want to be able to edit the information page available to participants

I want to be able to view participant signup requests

I want to be able to approve participant signup requests

I want to be able to deny participant signup requests

## Parent/Participant (member)

I want to be able to login to my account

I want to be able to logout of my account

I want to be able to change the password to my account

I want to be able to view the sports club’s member code

I want to be able to switch between the sports clubs I am involved in

I want to be able to view my livestream accessibility times

I want to be able to view the livestream

I want to be able to view all messages issued by the sports club

I want to be able to receive notifications from important messages issued by the sports club, including changes to my account status

I want to be able to view the sports club’s contact information on the information page

# Functional Requirements

## Admin (facility)

Login to user account

Logout of user account

Change password to user account

View sports club’s member code (created in signup)

Change sports club’s member code

**Edit livestream hyperlink available to participants**

**View a participant’s livestream accessibility times**

**Edit a participant’s livestream accessibility times**

View all messages currently displayed to participants in the mobile app

Issue new messages to participants (possibly with urgency level)

Edit existing messages displayed to participants

Remove messages issued to participants

View the information page available to participants (contact info created in signup)

Edit the information page available to participants

View all participant signup requests

Approve participant signup requests

Deny participant signup requests

## Parent/Participant (member)

Login to user account

Logout of user account

Change password to user account

View sports club’s member code

Change between sports clubs user is involved in

View user’s livestream accessibility times

View the livestream

View all messages issued by the sports club

Receive notifications from important messages issued by the sports club

Receive notification when my account has been verified and accepted

View sports club’s contact information (information page)

Red = has not (yet) been implemented in the app (might not need to be / can be something to state in report for improvements to be made)

Orange = taken out because not completely needed

# Refined use cases

## Facility

I want to be able to login to my account

I want to be able to logout of my account

I want to be able to change the password to my account

I want to be able to view my sports facility’s details (including access code - created in signup)

I want to be able to change my sports facility’s details

I want to be able to create a new livestream for my members

I want to be able to edit an existing livestream’s details

I want to be able to remove an existing livestream

I want to be able to view all members linked to my facility (active, inactive, and declined)

I want to be able to view member signup requests

I want to be able to approve/decline member signup requests

I want to be able to edit a member’s account status

I want to be able to view a member’s livestream accessibility times

I want to be able to edit a member’s livestream accessibility times

I want to be able to view all messages issued to members

I want to be able to create new messages to members

I want to be able to edit existing messages’ details

I want to be able to remove messages issued to members

## Member

I want to be able to login to my account

I want to be able to logout of my account

I want to be able to change the password to my account

I want to be able to view my livestream accessibility times

I want to be able to watch the available livestreams

I want to be able to view all messages issued by the sports facility

I want to be able to be notified when my facility posted “urgent” messages, changes my account status, or changes my livestream accessibility times

I want to be able to view the sports club’s details and contact information

# Refined functional requirements

## Facility

Create new account

Login to my account

Logout of my account

Change the password to my account

View sports facility’s details (including access code - created in signup)

Change my sports facility’s details

Create a new livestream for my members

Edit an existing livestream’s details

Remove an existing livestream

View all members linked to facility (active, inactive, and declined)

View member signup requests

Approve member signup requests

Deny member signup requests

Edit a member’s account status

View a member’s livestream accessibility times

Edit a member’s livestream accessibility times

View all messages issued to members

Create new messages to members

Edit existing messages’ details

Remove messages issued to members

## Member

Create new account

Login to user account

Logout of user account

Change password to account

View my livestream accessibility times

Watch the available livestreams

View all messages issued by the sports facility

Receive notifications when facility posts “urgent” messages

Receive notifications when member’s account status is changed

Receive notifications when member’s livestream accessibility times are changed

View the sports club’s details and contact information

# Non-functional Requirements

## Rough

POTENTIAL (from functional requirements):

* User (facility & member) change account password
* Member to receive notification when change in member’s account status or livestream access times, and when facility posts “urgent” message

Source code backup & effective version control practices

Encrypted password for users

Secure system architecture (no possibility of vulnerable to hack)

Conduct proper testing for each feature/functionality of the application, for both use cases member and facility (point of view)

Use of good programming practice: layout & structure, variable/object names, commenting, etc.

Open for future modification/improvement

Documentation

## Refined

Software source code should be regularly backed up

All users’ passwords must be encrypted prior to storing to the database

System must be secure and not vulnerable to potential hacks

Conduct proper testing for each feature/functionality of the application, for both use cases member and facility (point of view)

Use of good programming practice: layout & structure, variable/object names, commenting, etc.

Code must allow for possibility of future modification/improvement

Documentation should be produced on how to use the system

# Tables

## Functional requirements (facility)

|  |  |
| --- | --- |
| Requirement | Priority (low, medium, high) |
| Create account | High |
| Login to my account | High |
| Logout of my account | High |
| Change the password to my account | Low |
| View sports facility’s details (including access code - created in signup) | Medium |
| Change my sports facility’s details | Low |
| Create a new livestream for my members | High |
| Edit an existing livestream’s details | Medium |
| Remove an existing livestream | Medium |
| View all members linked to facility (active, inactive, and declined) | High |
| View member signup requests | High |
| Approve member signup requests | High |
| Deny member signup requests | High |
| Edit a member’s account status | High |
| View a member’s livestream accessibility times | High |
| Edit a member’s livestream accessibility times | High |
| View all messages issued to members | Medium |
| Create new messages to members | Medium |
| Edit existing messages’ details | Low |
| Remove messages issued to members | Low |

## Functional requirements (member)

|  |  |
| --- | --- |
| Requirement | Priority (low, medium, high) |
| Create new account | High |
| Login to user account | High |
| Logout of user account | High |
| Change password to account | Low |
| View my livestream accessibility times | High |
| Watch the available livestreams | High |
| View all messages issued by the sports facility | Medium |
| Receive notifications when facility posts “urgent” messages | Medium |
| Receive notifications when member’s account status is changed | Medium |
| Receive notifications when member’s livestream accessibility times are changed | Medium |
| View the sports club’s details and contact information | Medium |

## Non-functional requirements

|  |  |
| --- | --- |
| Requirement | Priority (low, medium, high) |
| Software source code should be regularly backed up | High |
| All users’ passwords must be encrypted prior to storing to the database | High |
| System must be secure and not vulnerable to potential hacks | High |
| Conduct proper testing for each feature/functionality of the application, for both use cases member and facility (point of view) | Medium |
| Use of good programming practice: layout & structure, variable/object names, commenting, etc. | Medium |
| Code must allow for possibility of future modification/improvement | Medium |
| Documentation should be produced on how to use the system | Low |