



Stakeholders:

- **Users:** These are the customers of MinFit who will be using the system to purchase packages, register for sessions, and manage their schedules. They are the primary users of the system and their needs and experiences should be a top priority in the system design.
- **Trainers:** These are the individuals who lead the sessions at MinFit. They will use the system to manage their schedules, view their assignments, and take attendance for their sessions.
- **Branch Managers:** These individuals manage the individual branches of MinFit. They will use the system to add and update trainers, assign trainers to sessions, and manage the schedules for their respective branches.

System	User Management
Use Case	Purchase Package
Actors	User
Data	Package details, payment information
Stimulus	User selects a package and completes payment
Response	System updates user's account with the purchased package
Comments	This use case covers the scenario where a user purchases a package

System	User Management
Use Case	View Schedule
Actors	User
Data	User's schedule
Stimulus	User requests to view their schedule
Response	System displays the user's current schedule
Comments	This use case covers the scenario where a user views their schedule

System	Session Management
Use Case	Register Session
Actors	User
Data	Session details, user's schedule
Stimulus	User selects a session to register
Response	System registers the user for the selected session, updates the user's schedule
Comments	This use case covers the scenario where a user registers for a session

System	Session Management
Use	Update Registration
Actors	User, Branch Manager
Data	Session details, user's schedule
Stimulus	User requests to move a session to a different week
Response	System updates the user's schedule if approved by the Branch Manager
Comments	This use case covers the scenario where a user updates their session registration

System	Session Management
Use	Cancel Session
Actors	User
Data	Session details, user's schedule
Stimulus	User selects a session to cancel
Response	System cancels the user's registration for the selected session, updates the user's schedule
Comments	This use case covers the scenario where a user cancels a session

System	Session Management
Use Case	Confirm Session Move
Actors	Branch Manager
Data	Session details, user's schedule
Stimulus	Branch Manager approves a user's request to move a session
Response	System updates the user's schedule with the new session week
Comments	This use case covers the scenario where a Branch Manager confirms a user's session move

System	Trainer Management
Use Case	Add/Update Trainers
Actors	Branch Manager
Data	Trainer details
Stimulus	Branch Manager adds or updates a trainer
Response	System updates the trainer information
Comments	This use case covers the scenario where a Branch Manager adds or updates a trainer

System	Trainer Management
Use Case	Assign Trainers
Actors	Branch Manager
Data	Trainer details, session details
Stimulus	Branch Manager assigns a trainer to a session
Response	System updates the session with the assigned trainer
Comments	This use case covers the scenario where a Branch Manager assigns a trainer to a session

System	Trainer Management
Use Case	View Trainer Schedule
Actors	Trainer
Data	Trainer's schedule
Stimulus	Trainer requests to view their schedule
Response	System displays the trainer's current schedule
Comments	This use case covers the scenario where a trainer views their schedule

System	Attendance Management
Use Case	View Session Attendance
Actors	Branch Manager, Trainer
Data	Session details, user attendance
Stimulus	Branch Manager and Trainer select a session to view attendance
Response	System displays the attendance for the selected session
Comments	This use case covers the scenario where a Branch Manager and Trainer view session attendance

System	Attendance Management
Use Case	Take Attendance
Actors	Trainer
Data	Session details, user attendance
Stimulus	Trainer scans the session QR code
Response	System updates the session attendance
Comments	This use case covers the scenario where a trainer takes attendance using the session QR code

Challenges while extracting use case:

'View Session Attendance' case information made me confused. Because the trainer receives 'Take Attendance', but he is not informed about whether he will see the participant list. I had a hard time solving this problem. I solved it this way. This can be done by granting certain permissions to the View Session Participation section for the branch manager and the trainer in the system.

In addition, it was confusing whether the user must log in / register or not. I decided that there was a need to log in as a user. He/she can give purchase packages having an account.