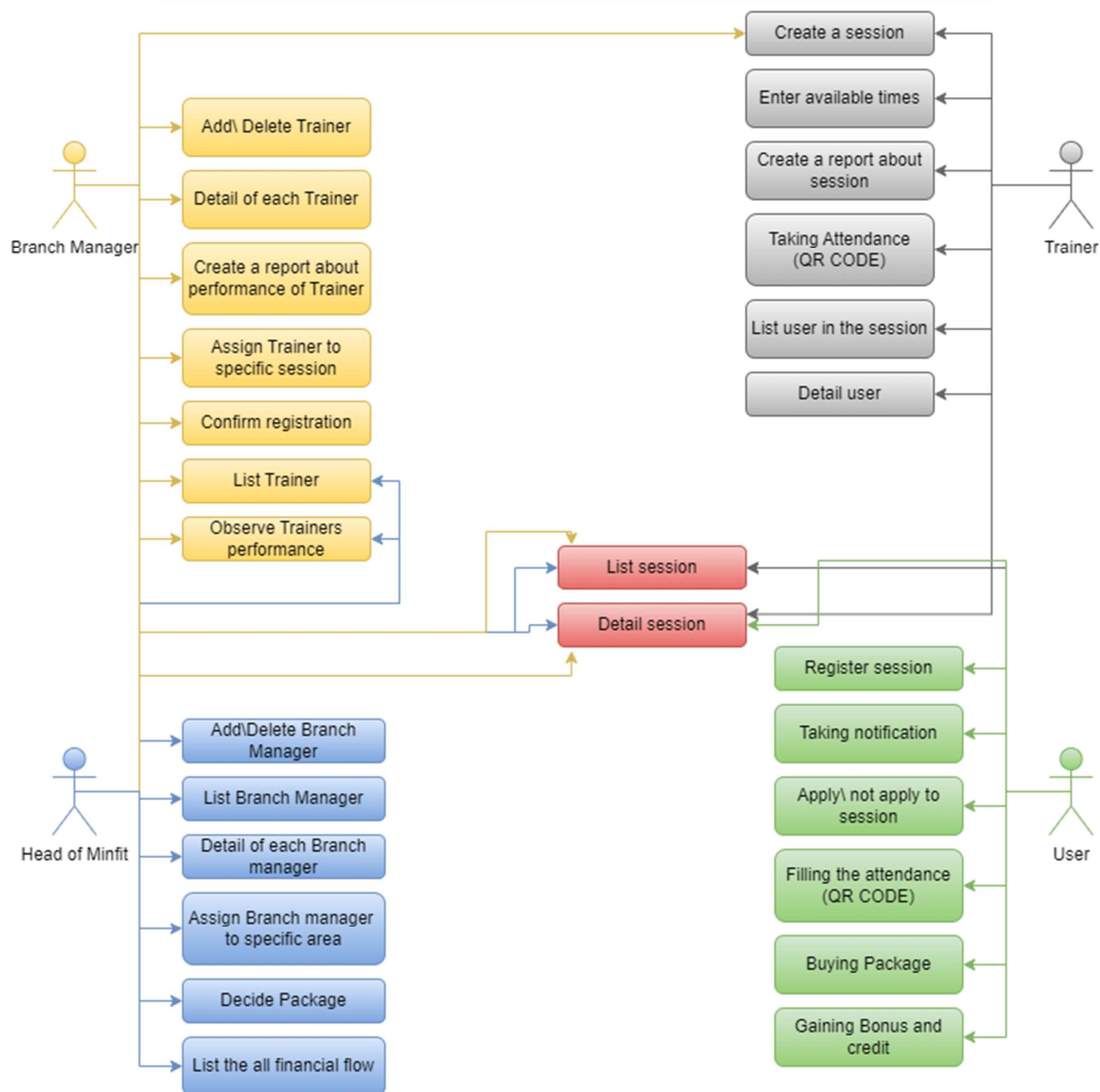


Use Case Diagram



System	Trainer Arrangement system
Use Case	Add\Delete Trainer
Actors	Branch master
Data	A few instances trainer information
Stimulus	Add\Delete function successfully implemented.
Response	The all function of trainer system can be accurate after the add or delete trainer
Comments	Don't adding same trainer more than one time even if he\she are in different area.

System	Trainer Arrangement system
Use Case	List Trainer
Actors	Branch manager, Head of Minit
Data	No data needed
Stimulus	Branch master list trainer
Response	The whole trainer of branch master must be listed.
Comments	Only list trainer in branch master's area don't list other branch masters' trainers

System	Trainer Arrangement system
Use Case	Assign Trainer to specific session
Actors	Branch manager
Data	Instance session which is already uploaded in the system
Stimulus	Branch master assign trainer to specific session
Response	Trainers which Branch masters assigned must be showed on the system
Comments	Trainers which are assigned see users' detail if they are shared the same session.

System	Trainer Arrangement system
Use Case	Create a report about performance of Trainer
Actors	Branch manager
Data	Template report for easy utilization, some example performance
Stimulus	Observe the trainer performance on the system and create a report about their efficiency.
Response	Trainers which Branch masters assigned must be showed on the system
Comments	Trainers which are assigned see users' detail if they are shared the same session.

System	Trainer Arrangement system
Use Case	Confirm registration
Actors	Branch manager
Data	Instance of user and their application
Stimulus	Users try to buy or session or attend session as many times these must be controlled by Branch master on the system. The all-necessary confirmations are showed as notification then Branch master can confirm or reject
Response	Users take notification about the response of confirmation process.
Comments	The all-confirmation process only valid for responsible area.

System	Trainer Arrangement system
Use Case	Detail of each Trainer
Actors	Branch manager
Data	Instance of Trainer performance and their information.
Stimulus	The Trainers' information and their personal performance according to customer feedback are shown.
Response	The information shown
Comments	Don't view all information one page please make it easy and separate it max 3 pages.

System **Trainer Arrangement system**

Use Case Observe Trainer performance

Actors Branch manager, Head of Minfit

Data Performance of Trainer

Stimulus The system is creating a table according to spending hour or man day table and their satisfaction score.

Response The information shown

Comments Don't view all information one page please make it easy and separate it max 3 pages.

System **Branch manager system**

Use Case Add\Delete Branch Manager

Actors Head of Minfit

Data A few branches manager instance information.

Stimulus Head of MinFit add a new Branch Manager to the system with responsible area or delete.

Response The new branch manager can access branch manager system. Also, the head of Minfit can observe new branch master.

Comments Area only must have one branch master.

System **Branch manager system**

Use Case List Branch Manager

Actors Head of MinFit

Data Reaching necessary list section

Stimulus Head of MinFit initiates the request to retrieve the list of Branch Managers in Turkey.

Response List of Branch Manager in Turkey

Comments Branch manager listed with most significant information like name and responsible area

System	Branch manager system
Use Case	Detail of Branch Manager
Actors	Head of MinFit
Data	There is no need for any necessary information, just reaching the required area is enough.
Stimulus	the Minfit president wants to see all branch managers and the areas they are responsible for.
Response	The system displays comprehensive details of the requested Branch Manager, including their name, responsibilities, and contact information.
Comments	All branch manager information must be showed

System	Branch manager system
Use Case	Assign Branch manager to specific area.
Actors	Head of MinFit
Data	No data needed.
Stimulus	In the detail page or maybe directly listed page, responsible area of branch master should be assigned.
Response	Branch master's responsible area is assigned
Comments	Be careful about when changing or assigned the responsible area, collision must be prevented among branch masters

System	Financial system
Use Case	Decide Package
Actors	Head of MinFit
Data	Example Package
Stimulus	Adding some example package which must be accessible to take with money on the system safely.
Response	The Package is active on the market.
Comments	Package must be look cool therefore please create a selling product template

System	Financial system
Use Case	List all financial flow
Actors	Head of MinFit
Data	No data needed.
Stimulus	All financial flow can be accessible with private password
Response	Can observe the money flow.
Comments	Don't list all money transformation just clarify the result like monthly cost and weekly cost.

System	Trainer system
Use Case	Enter available times
Actors	Trainer
Data	Instance information about timing
Stimulus	Trainer must be signed to available ours to system. In this way branch master can assign session according to this.
Response	Trainer available times are shown on the branch masters pages
Comments	Available time must be obeying the rules of head of Minfit

System	Trainer system
Use Case	Taking attendance with QR code
Actors	Trainer
Data	Some instance users
Stimulus	Trainer should take the attendance with using QR code
Response	The list of people who is read QR code and give the system
Comments	QR code must be available only first 15 minutes after the session start.

System	Trainer system
Use Case	Create Report about session
Actors	Trainer
Data	Instance feedback information about users from Trainer
Stimulus	If trainer face the problem because of some users, then give feedback about this problem and causing reason, also other information about session must be putted in the report
Response	Feedback and other information are the uploaded in the under the session
Comments	Use template feedback don't include personal information only include problem and causing reason.

System	Trainer system
Use Case	List the user in the session
Actors	Trainer
Data	Instance of users already uploaded
Stimulus	The users have already uploaded the session should be shown for Trainer
Response	Session users listed from trainer.
Comments	After session finished Trainer don't see any information about that session users

System	Trainer system
Use Case	Detail user
Actors	Trainer
Data	Instance of users already uploaded
Stimulus	The user's necessary information is viewed, in this way, trainer can reach the customer more easily.
Response	Contact information must be shown
Comments	Don't list address or other private information.

System	Trainer system
Use Case	Create a session
Actors	Trainer
Data	Instance session or event information
Stimulus	The trainer can create a session about their education but don't create a general session. But branch master can create a general and local session or event.
Response	Session should view in all system because sessions are related to all system.
Comments	Please force to fill all information about session like location time etc.

System	User system
Use Case	Register session
Actors	Users
Data	Email and password information of users
Stimulus	Check email and password for validation on the system
Response	Users can register the application in both platform and register to sessions
Comments	To register the session sign in or sign up is mandatory

System	User system
Use Case	Taking notification
Actors	Users
Data	Instance session information
Stimulus	Users take the notification about confirmation process or opened and closed session on the time
Response	Observing the users can see necessary changing on the application
Comments	User only can see their own responsible area other notification or other information absolutely is not visible for users.

System	User system
Use Case	Buying a package
Actors	Users
Data	Users' money and necessary package information
Stimulus	User can buy any package which is available in the application
Response	The money is successfully transferred, and package must be shown from users
Comments	The selling process must be easy because users can buy more package

System	User system
Use Case	Gaining bonus and credit
Actors	Users
Data	Users' attendance session and buy package
Stimulus	Users must be encountered about buy or attend the session and package with rewarding
Response	Users get the bonus and credit according to their activities
Comments	The points and credit must be shown in the main page which improve their attention

System	User system
Use Case	Apply \ not apply session
Actors	Users
Data	Instance users' information
Stimulus	The users can apply or take application back in the system
Response	If the user apply or not apply this changes are viewed by trainer

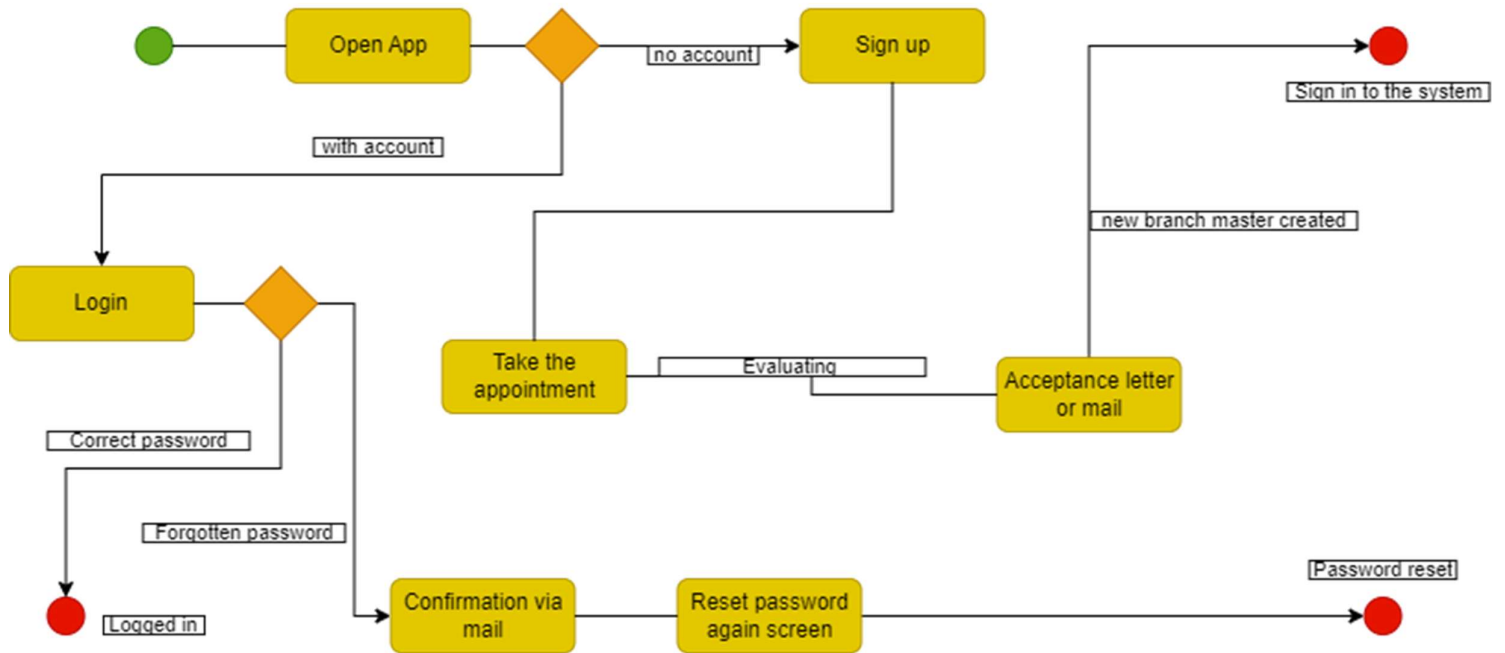
System	User system
Use Case	Filling attendance (QR CODE)
Actors	Users
Data	Instance devise and user
Stimulus	User can fill the attendance with qr code easily
Response	The attendance must be viewed in the trainer system
Comments	User can doubt about attend the session therefore they can fill one more time but in the trainer system the application seemed as a one application.

System	Session system
Use Case	List session
Actors	Users, Head of Minfit, Branch master and Trainer
Data	No data needed
Stimulus	Every one can view the available list.
Response	Listed should be viewed
Comments	Only available list view for user, not available list can viewed by others

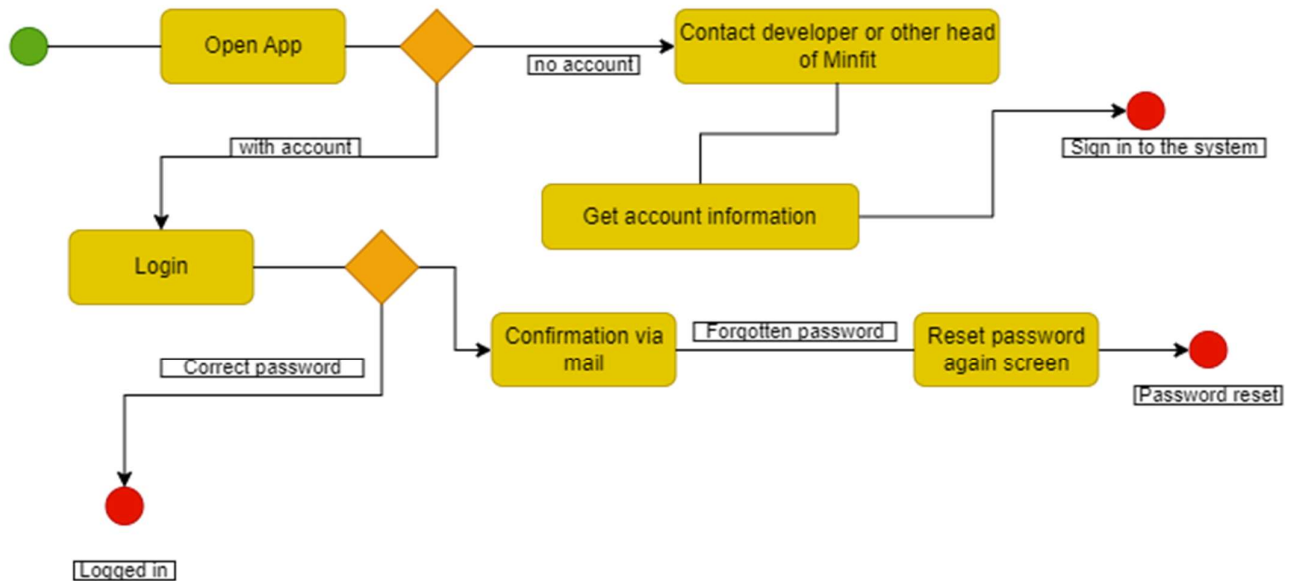
System	Session system
Use Case	Detail session
Actors	Users, Head of Minfit, Branch master and Trainer
Data	Instance session detail
Stimulus	The all information about session must be viewed
Response	Session information successfully viewed
Comments	The detail page could make like pop up

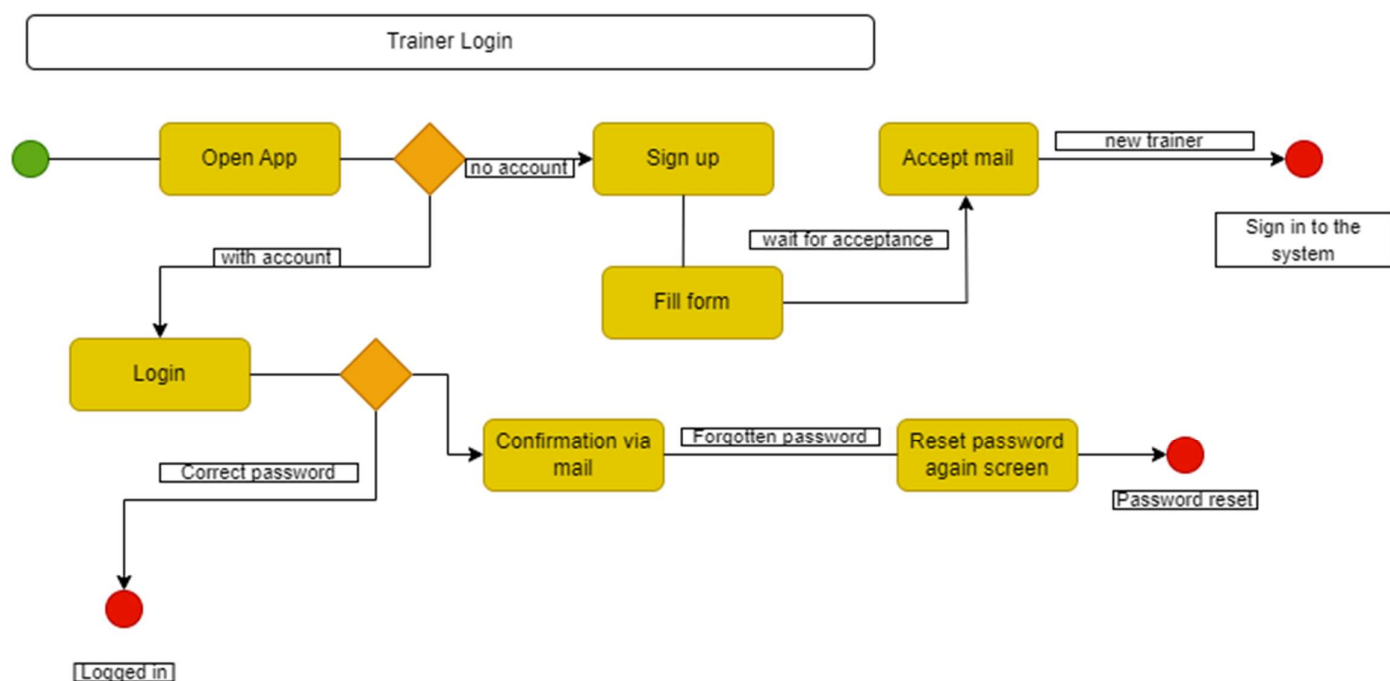
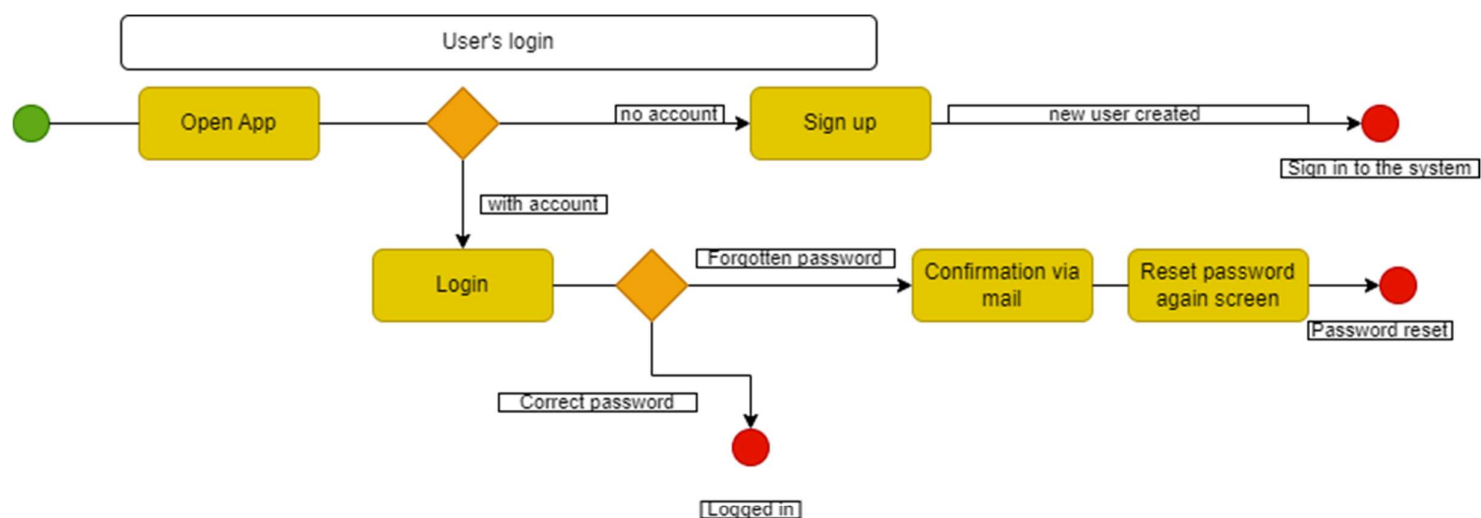
Process Models

Branch master login

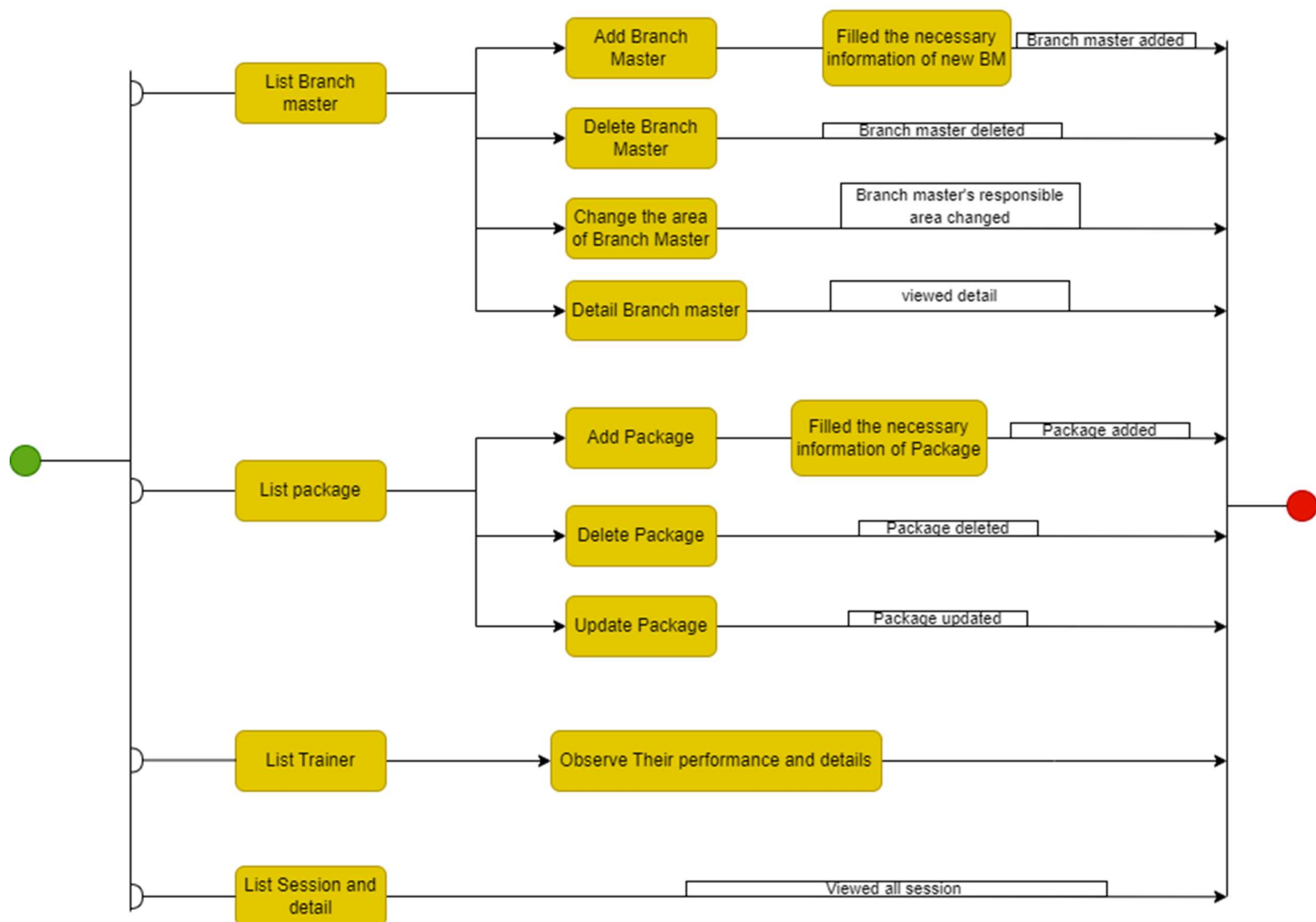


Head of MinFit login

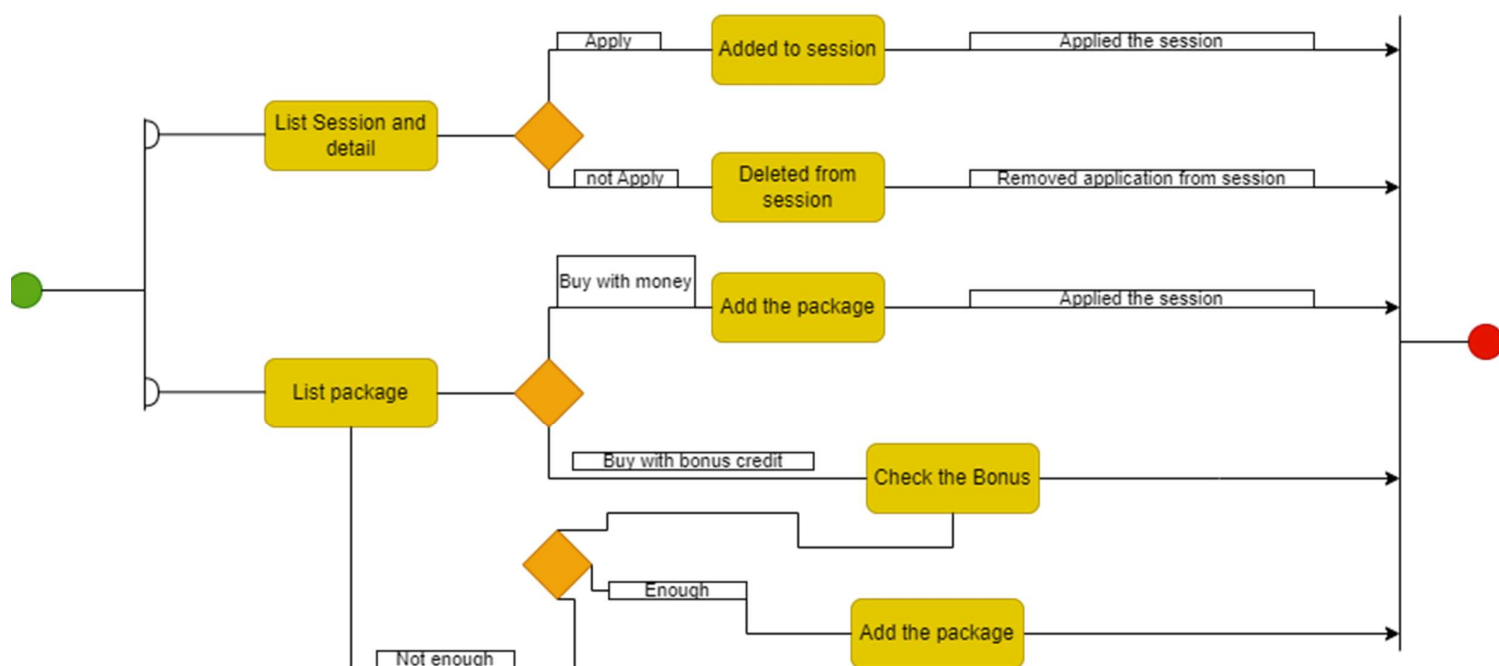




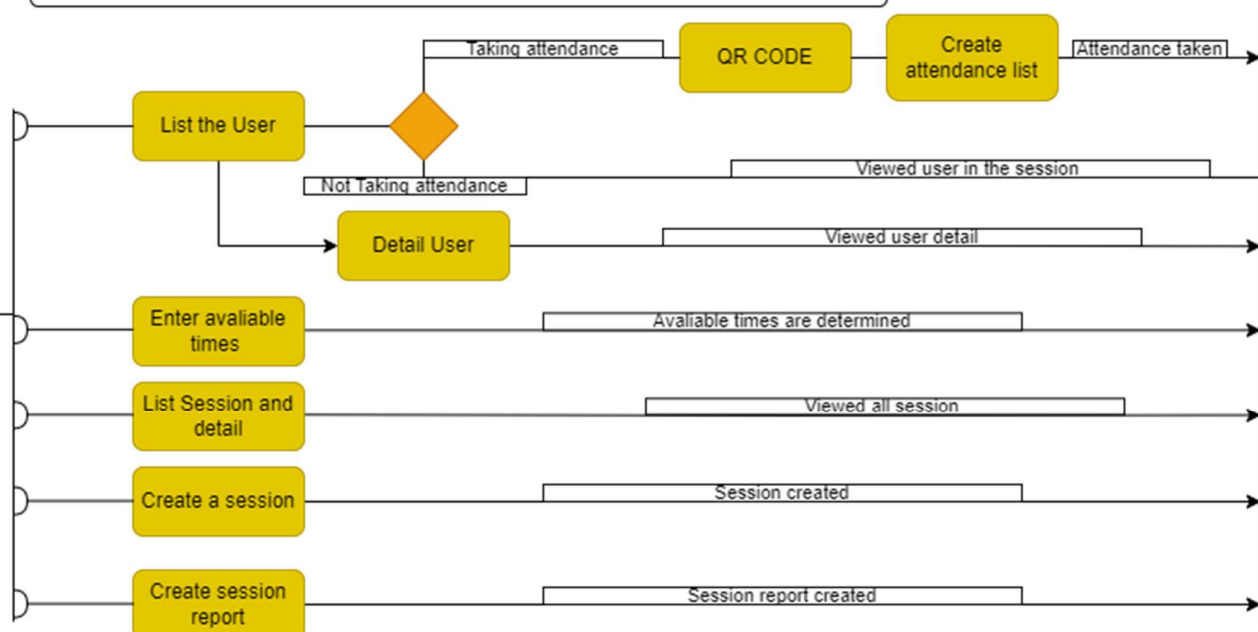
Head of MinFit Operation



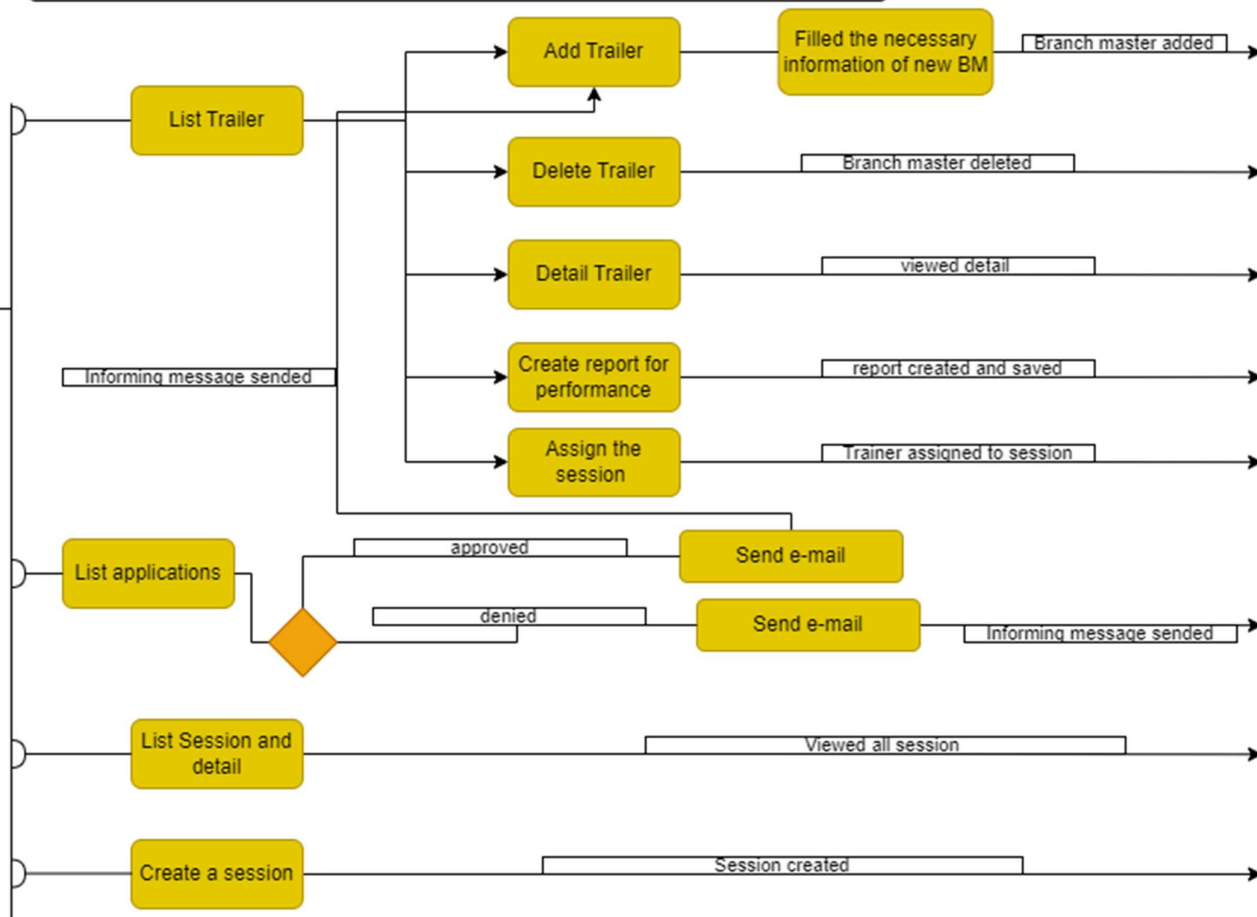
User Operation



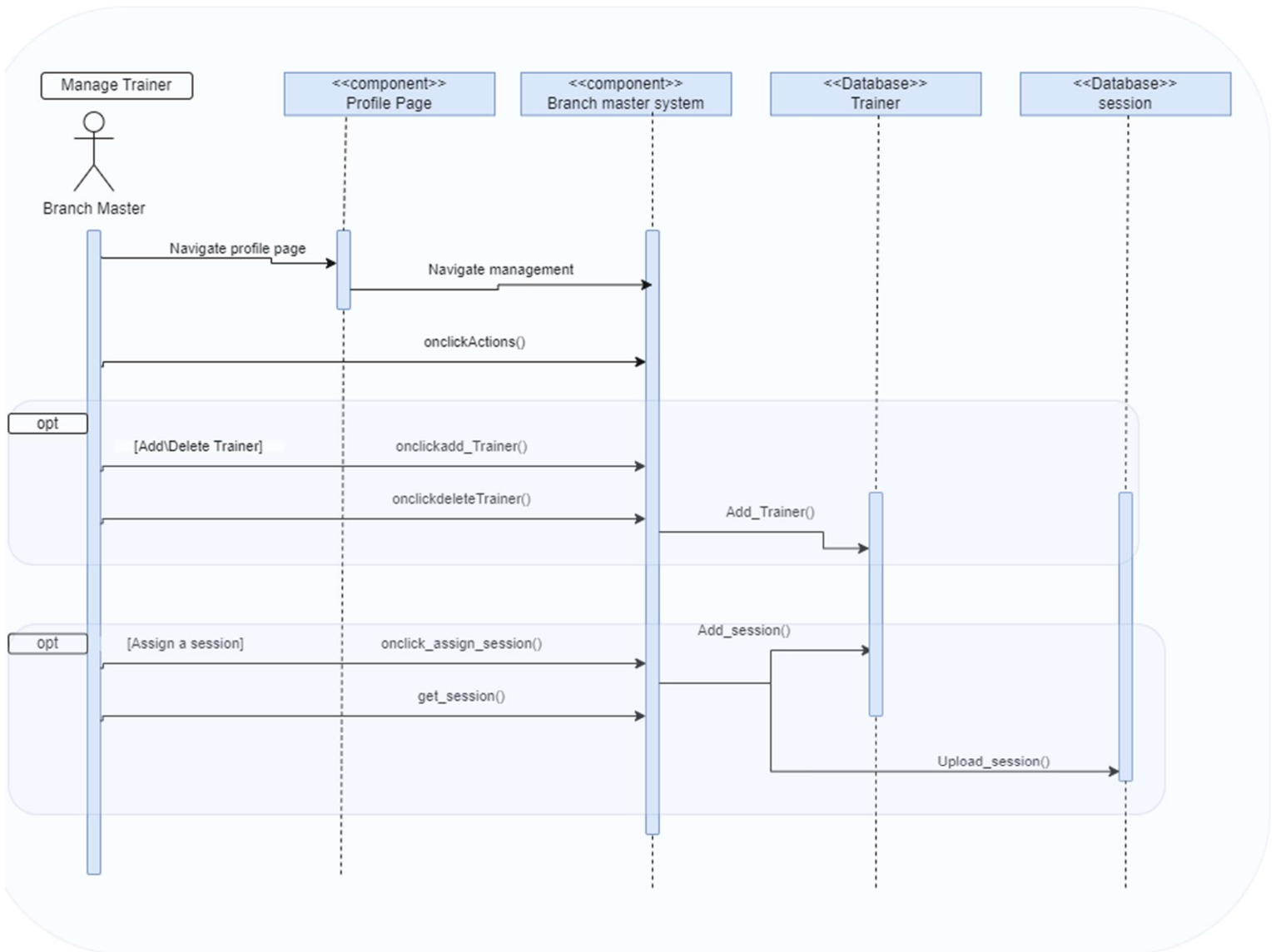
Trainer Operation

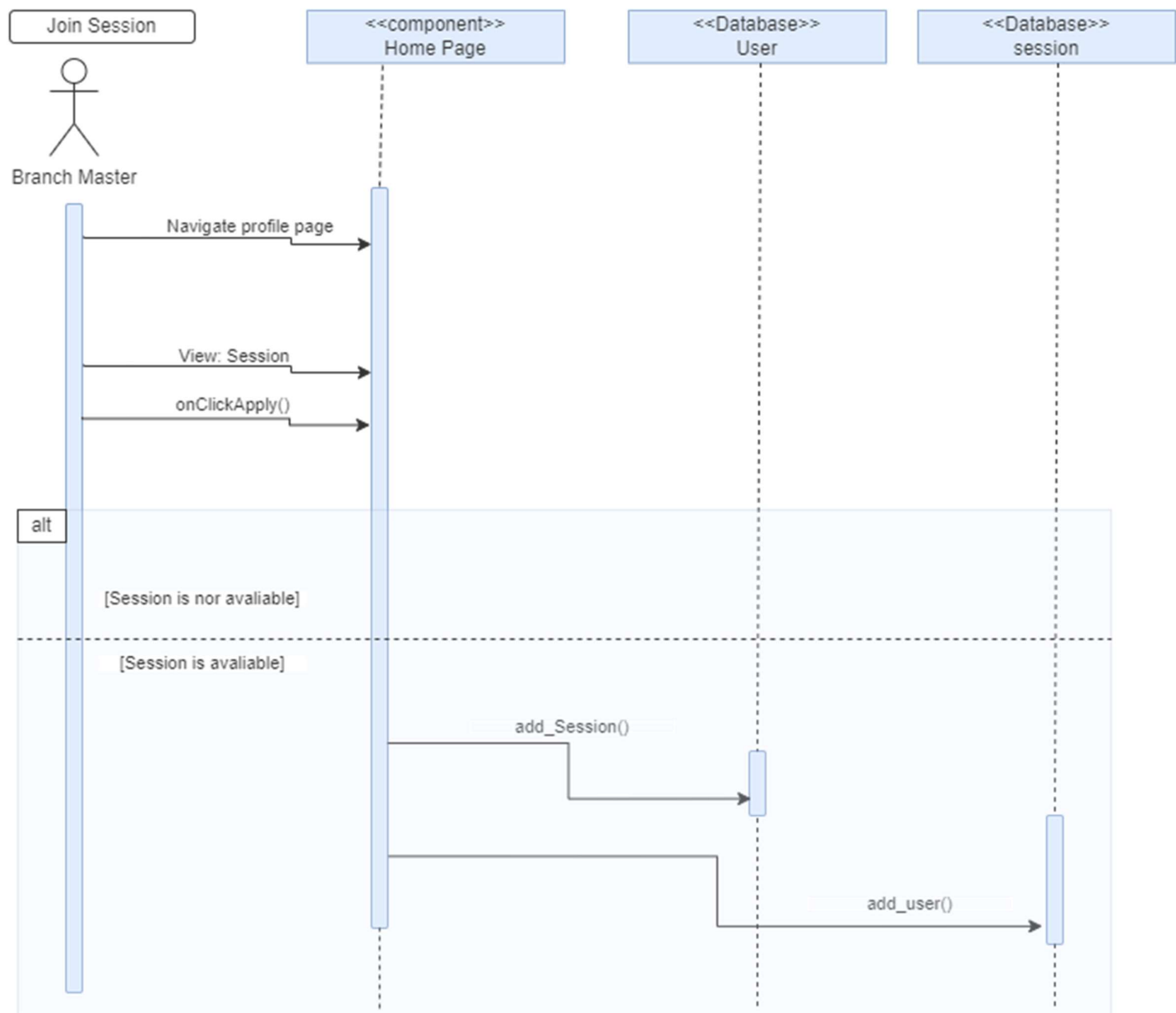


Branch Master Operation



Sequence Diagrams





Class Diagrams

Class Head of MinFit

1. ID
2. Name
3. Surname
4. Phone_number
5. E-posta
6. Password
7. Date_of_Birth
8. Gender
9. Num_branch (responsible branch masters number)

Get_branch()
Add_head()
Delete_head()
Updae_head()

Class Branch Master

1. ID
2. Name
3. Surname
4. Phone_number
5. E-posta
6. Password
7. Date_of_Birth
8. Gender
9. Num_Trainer (responsible trainer number)
10. Start_date
11. End_Date

Get_Trainer()
Calculate_indemnity()
Add_branch()
Delete_branch()
Update_branch()
Assign_area()

Class Trainer

1. ID
2. Name
3. Surname
4. Phone_number
5. E-posta
6. Password
7. Date_of_Birth
8. Gender
9. Sport_branch (what branch is proffesion for teaching)

Get_sports()
Calculate_indemnity()
Add Trainer()
Delete Trainer()
Update Trainer()
Assign_session()

Class User

1. ID
2. Name
3. Surname
4. Phone_number
5. E-posta
6. Password
7. Date_of_Birth
8. Gender
9. Point
10. Package

Add_user()
Delete_user()
Update_user()
Get_user()
Get_point()
Set_point()
Get_Package()
Set_Package()

Class Package

1. Cost
2. Name
3. Photo
4. Stock
5. Product
6. Start Date
7. End Date
8. Description

Add_Package()
Delete_Package()
Update_Package()
GetPackage()

Class Session

Title
Start_Date
End_Date
Number
Attend
Not_attend
Location
Trainer
Cost

Add_Session()
Delete_Session()
Update_Session()
Get_num()
Set_attend()
Get_attend()