**Description 1 login**

|  |  |  |
| --- | --- | --- |
| Actor | Gym admin ,trainer, trainee and finance | |
| Use case name | login | |
| Use case ID | 1 | |
| Description | Login to the system | |
| Pre-condition | The trainee has been registered at centralized | |
| Post condition | The trainee has been authorized | |
| Basic course of action | Actor action | System response |
| **Step 1**: the admin register the equipment.  **Step3:** The admin Write name and type In detail | **Step2**: The System display registration Page.  S**tep4**: the admin register the equipment.  **Step 5:** The system display the trainee account page  **Step6:** The use case ends |
| Alternative course of action | 01. The user enters wrong username and password.  Step 4.1 The system indicates the trainee information invalid  Step 4.2 The use case continues Step 3 of the basic course of action | |

Table 1 use case for login form/page.

**Description 2 update account**

|  |  |  |
| --- | --- | --- |
| Actor | Gym admin | |
| Use case name | Update account | |
| Use case ID | 2 | |
| Description | This use case allows To update trainer and trainee account | |
| Pre-condition | The gym admin wants update trainee and trainer information | |
| Post condition | The gym admin have information that will be updated | |
| Basic course of action | Actor action | System response |
| **Step 1**: the gym admin can request to update the trainer information and other information in the Database.  **Step3:** The admin Write name and type In detail | **Step2**: The system Displays user information update page.  S**tep4**: The system validates whether the information submitted is correct.  **Step 5:** The system displays Confirmationpage and save the updated information  **Step6:** The use case ends |
| Alternative course of action | 1. The input information invalid   Step 4.1 The system indicates the trainee information invalid  Step 4.2 The use case continues Step 3 of the basic course of action | |

Table 2 use case for update account.

**Description 3 Delete Account**

|  |  |  |
| --- | --- | --- |
| Actor | Gym admin | |
| Use case name | Delete account | |
| Use case ID | 3 | |
| Description | This use case describes the cancelling of existing account. | |
| Pre-condition | In case the trainer doesn’t pay the required money for what he/she used. | |
| Post condition | The account will be deleted automatically | |
| Basic course of action | Actor action | System response |
| **Step 1**: The gym admin wants to cancel the created account.  **Step3:** Selects the "Process Delete" option | **Step2**: The system Displays delete page.  S**tep4**: The system validates whether the information submitted is correct or exists.  **Step 5:** The message "Account has been Deleted successfully" is also displayed.  **Step6:** The use case ends |
| Alternative course of action | 01. The input information invalid  Step 4.1 The system indicates the trainee information invalid  Step 4.2 The use case continues Step 3 of the basic course of action | |

Table 3 use case for delete account.

**Description 4 Check payment**

|  |  |  |
| --- | --- | --- |
| Actor | Trainer | |
| Use case name | Check payment | |
| Use case ID | 4 | |
| Description | This use case gives information about the payment | |
| Pre-condition | The payment will be per month. | |
| Post condition | The trainer gets bill from finance office or accountant. | |
| Basic course of action | Actor action | System response |
| **Step 1**: the user wants to pay money.  **Step3:** the user enters account and amount of birr. | **Step2**: The system Displays payment page.  S**tep4**: The system checks whether the payment is enough or not.  **Step 5:** The message "payment successfully.  **Step6:** The use case ends |
| Alternative course of action | 01. if not enough birr or wrong id number.  Step 4.1 The system indicates invalid entry.  Step 4.2 The use case continues Step 3 of the basic course of action | |

Table 3 use case for payment.

**Description 5 create account**

|  |  |  |
| --- | --- | --- |
| Actor | Gym admin,trainer | |
| Use case name | Create account | |
| Use case ID | 5 | |
| Description | This use case gives information about creation that means gym admin will create account for trainer and the trainee will create account for trainee. | |
| Pre-condition | After registration all the trainee starts using the service what they have requested. | |
| Post condition | After registration all the trainee and trainer starts using the service what they have requested. | |
| Basic course of action | Actor action | System response |
| **Step 1**: the trainee and trainer wants to register.  **Step3:** the trainee and trainer fills all necessary information. | **Step2**: the system displays the registration form.  S**tep4**: The system checks whether all the information is filled or not.  **Step 5:** the message “account created successfully generated “is displayed.  **Step6:** The use case ends |
| Alternative course of action | 01. if entry data is invalid .  Step 4.1 The system indicates invalid entry.  Step 4.2 The use case continues Step 3 of the basic course of action | |

Table 3 use case create account.

**Description 5 Generate Report.**

|  |  |  |
| --- | --- | --- |
| Actor | Gym admin | |
| Use case name | Generate report | |
| Use case ID | 6 | |
| Description | This use case gives information about Report generated. | |
| Pre-condition | In case the gives admin want to generate report on that day or for the week service. | |
| Post condition | The necessary report generated and saved to the database. | |
| Basic course of action | Actor action | System response |
| **Step 1**: the trainee and trainer want to generate report.  **Step3:** the gym admin enters the generated report. | **Step2**: the system displays the generate report page.  S**tep4**: the system checks whether the report is correct or not  **Step 5:** the message “report generated successfully generated “is displayed.  **Step6:** The use case ends |
| Alternative course of action | 01. The generated report is invalid.  Step 4.1 The system indicates the user information is invalid entry.  Step 4.2 The use case continues Step 3 of the basic course of action | |

Table 3 use case generate report.

**Description 5 pay money**

|  |  |  |
| --- | --- | --- |
| Actor | Trainee | |
| Use case name | Pay money | |
| Use case ID | 7 | |
| Description | This use case gives information about paying money for trainee usage. | |
| Pre-condition | in case the trainee have an access to the service. | |
| Post condition | The trainer will pay for what they have used per month. | |
| Basic course of action | Actor action | System response |
| **Step 1**: the trainer wants to pay money per month  **Step3:** the accountant will fill all information | **Step2**: the system display form.  S**tep4**: the system checks whether the information are filled correctly or not.  **Step 5:-**select “pay “option  **Step 6:** the message “payment successfully “is displayed.  **Step7:** The use case ends |
| Alternative course of action | 01. if all the above is invalid.  Step 4.1 The system indicates the user information is invalid entry.  Step 4.2 The use case continues Step 3. | |

Table 3 use case pay money.

**Description 5 pay money**

|  |  |  |
| --- | --- | --- |
| Actor | accountant | |
| Use case name | Prepare bill | |
| Use case ID | 8 | |
| Description | This use case gives information about prepare a bill trainee usage. | |
| Pre-condition | The user must ask the bill. | |
| Post condition | The bill will be given to each in the form of message for what they have used. The users have to search to get the bill information. | |
| Basic course of action | Actor action | System response |
| **Step 1**: the trainer wants to prepare bill for user.  **Step3:** the finance will fill all the information. | **Step2**: the system display form.  S**tep4**: the system will say ”you have prepare the bill correctly”.  **Step5:** The use case ends |
| Alternative course of action | 01. if all the above is invalid.  Step 4.1 The system indicates the user information is invalid entry.  Step 4.2 The use case continues Step 3. | |

Table 3 use case prepare bill.

**Description 5 maintain request**

|  |  |  |
| --- | --- | --- |
| Actor | Trainer | |
| Use case name | Maintain request | |
| Use case ID | 9 | |
| Description | Here the use case will help the trainer ask the maintain to gym admin. | |
| Pre-condition | In case the trainer want to maintain request. | |
| Post condition | The necessary maintain request and saved to the database. | |
| Basic course of action | Actor action | System response |
| **Step 1**: the trainer wants maintain request  **Step3:** the trainer enter description about equipment detail | **Step2**: the system display maintains request form.  S**tep4**: the trainer submits to the gym admin.  **Step 5**: the system display successful message.  **Step6:** The use case ends |
| Alternative course of action | 01. if maintain request is invalid.  Step 4.1 The system indicates the user information is invalid entry.  Step 4.2 The use case continues Step 3. | |

Table 3 use case maintain request.

**Description 5 take attendance.**

|  |  |  |
| --- | --- | --- |
| Actor | Trainer | |
| Use case name | Take attendance. | |
| Use case ID | 9 | |
| Description | Here the use case will help the trainer ask the take attendance of the trainer. | |
| Pre-condition | In case the trainer wants to maintain request. | |
| Post condition | The necessary take attendance. | |
| Basic course of action | Actor action | System response |
| **Step 1**: the trainer wants take attendance.  **Step3:** the trainer take attendance or the trainee whether the present of not. | **Step2**: the system display attendance of the trainee.  S**tep4**: the trainer submits attendance.  **Step 5**: the system display successful message.  **Step6:** The use case ends |
| Alternative course of action | 01. if take attendance is invalid.  Step 4.1 The system indicates the user information is invalid entry.  Step 4.2 The use case continues Step 3. | |

Table 3 use case take attendance.

**Description 5 upload video**

|  |  |  |
| --- | --- | --- |
| Actor | Trainer | |
| Use case name | Upload video | |
| Use case ID | 10 | |
| Description | Here the use case will help the trainer upload video of training. | |
| Pre-condition | In case the trainer wants upload video. | |
| Post condition | The necessary upload video and saved to the database. | |
| Basic course of action | Actor action | System response |
| **Step 1**: the trainer upload video.  **Step3:** the trainer upload video on the page. | **Step2**: the system display upload video page.  S**tep4**: the trainer submit video upload.  **Step 5**: the system display successful message.  **Step6:** The use case ends |
| Alternative course of action | 01. if upload video is invalid.  Step 4.1 The system indicates the user information is invalid entry.  Step 4.2 The use case continues Step 3. | |

Table 3 use case upload video.

**Description 5 guidance**

|  |  |  |
| --- | --- | --- |
| Actor | Trainer | |
| Use case name | guidance | |
| Use case ID | 12 | |
| Description | Here the use case will help give guidance. | |
| Pre-condition | In case the trainer wants give guidance. | |
| Post condition | The necessary give guidance and save to the database . | |
| Basic course of action | Actor action | System response |
| **Step 1**: the trainer give guidance for trainee.  **Step3:** give guidance on the trainer the trainer page. | **Step2**: the system display give guidance page.  S**tep4**: the trainer show guidance.  **Step 5**: the system display submit successful message.  **Step6:** The use case ends |
| Alternative course of action | 01. guidance is invalid.  Step 4.1 The system indicates the user information is invalid entry.  Step 4.2 The use case continues Step 3. | |

Table 3 use case Guidance.

**Description 5 schedule**

|  |  |  |
| --- | --- | --- |
| Actor | Trainer | |
| Use case name | Schedule | |
| Use case ID | 13 | |
| Description | Here the use case will post schedule. | |
| Pre-condition | In case the trainer wants give guidance. | |
| Post condition | The necessary give schedule and save to the database. | |
| Basic course of action | Actor action | System response |
| **Step 1**: the trainer give schedule for trainee.  **Step3:** give guidance on the trainer the trainer page. | **Step2**: the system display gives schedule page.  S**tep4**: the trainer submit schedule  **Step 5**: the system display successful message.  **Step6:** The use case ends |
| Alternative course of action | 01. if schedule is invalid.  Step 4.1 The system indicates the user information is invalid entry.  Step 4.2 The use case continues Step 3. | |

Table 3 use case schedule.

**Description 5 feedback**

|  |  |  |
| --- | --- | --- |
| Actor | Trainee | |
| Use case name | Feedback/comment | |
| Use case ID | 14 | |
| Description | Here the use case will give feedback. | |
| Pre-condition | In case the trainer wants give comment/feedback. | |
| Post condition | The necessary give schedule and saved to the database. | |
| Basic course of action | Actor action | System response |
| **Step 1**: the trainer give feedback  **Step3:** the trainee writes feedback about the anything. | **Step2**: the system display comment page.  S**tep4**: the trainer sends the feedback.  **Step 5**: the system display thank you message.  **Step6:** The use case ends |
| Alternative course of action | 01. if feedback field is empty .  Step 4.1 The system indicates the user information is “please write your feedback”.  Step 4.2 The use case continues Step 3. | |

Table 3 use case feedback

**Description 5 register equipment.**

|  |  |  |
| --- | --- | --- |
| Actor | Gym admin | |
| Use case name | Register the equipment | |
| Use case ID | 15 | |
| Description | Here the use case will help the gym admin register the equipment. | |
| Pre-condition | In case the gym admin want to register equipment. | |
| Post condition | The necessary register equipment and saved to the database. | |
| Basic course of action | Actor action | System response |
| **Step 1**: the admin register the equipment.  **Step3:** the gym admin write name of equipment and type in detail. | **Step2**: the system display registration page.  S**tep4**: the gym admin register the equipment.  **Step 5**: the system successfully registered message.  **Step6:** The use case ends |
| Alternative course of action | 01. the registration is invalid.  Step 4.1 The system indicates the user information is “please write your feedback”.  Step 4.2 The use case continues Step 3. | |

Table 3 use case registration equipment