userType

|  |  |
| --- | --- |
| usersTypeID | Description |

Trainer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| usersTypeID | trainerID | Trainer\_fname | Trainer\_lName | Email |

Admin Staff

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| usersTypeID | adminID | Admin\_fName | Admin\_lName | Email |

MemberRegistration

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| usersTypeID | memberID | fName | lName | DOB | Gender | Address | Email | Phone number |
| Emergency contact name | Emergency contact number |  |  |  |  |  |  |  |

AdminUserAccounts

|  |  |  |  |
| --- | --- | --- | --- |
| No\_admin | username | pswd | adminID |

TrainerUserAccounts

|  |  |  |  |
| --- | --- | --- | --- |
| No\_trainers | Username | Pswd | trainerID |

MemberUserAccounts

|  |  |  |  |
| --- | --- | --- | --- |
| No\_members | Username | Pswd | memberID |

MemberLoginHistory (weak entity)

|  |  |  |
| --- | --- | --- |
| memberID | loginID | loginDate |

Subscriptions

|  |  |  |
| --- | --- | --- |
| Subscription\_ID | Subscription type | price |

InvoicesMemberShip

|  |  |  |
| --- | --- | --- |
| Invoice\_ID | Amount | Date\_created |

ProcessMemberShipPayment

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Invoice\_ID | processedby | paymentProcessed | Date\_Processed |  |  |  |

SubscribesTo

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| memberID | Subscription\_id | Invoice\_id | Paid | Payment Date | End\_date | Active\_subscription |

FitnessGoal

|  |  |  |
| --- | --- | --- |
| goalID | goalName | netCalories |

userGoals

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| userGoal | memberID | goalID | Updated\_date | End\_date |

MemberRegistration:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| usersTypeID | memberID | fName | lName | DOB | Gender | Address | Email | Phone number |
| Emergency contact name | Emergency contact number | Statistics\_id | metrics\_id | mealID | Achieve\_id |  |  |  |

MemberHealthMetrics

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Statistics\_id | Date\_recorded | Weight | Height | Body\_fat\_percentage | Resting\_heart\_rate |
| Blood\_pressure |  |  |  |  |  |

HealthStatistics

|  |  |  |  |
| --- | --- | --- | --- |
| metrics\_id | Metric\_date | Average\_weight | Average\_body\_fat\_percentage |
| Average\_resting\_heart\_rate | Average\_blood\_pressure |  |  |

UserMeals:

|  |  |  |  |
| --- | --- | --- | --- |
| mealID | mealDate | Mealdescription | calories |

AllWorkouts:

|  |  |  |
| --- | --- | --- |
| WorkoutID | workoutName | caloriesBurnedperminute |

UserWorkouts:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| memberID | workoutID | Start\_time | End\_time | duration |
| Calories\_burned | Weight | Number\_of\_sets |  |  |

Achievements:

|  |  |  |
| --- | --- | --- |
| Achieve\_id | caloriesGoal | dateUpdated |

Trainers:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| usersTypeID | trainerID | Trainer\_fname | Trainer\_lName | Email | Availability\_ID |

SessionType:

|  |  |
| --- | --- |
| sessionType\_ID | description |

TrainerAvailability:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Availability\_ID | SessionType\_id | Date | Start\_time | End\_time | status |

Room:

|  |  |  |
| --- | --- | --- |
| RoomID | Room\_name | capacity |

Classes:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Class\_id | Room\_id | Assignedby\_id | availabilityID | No\_membes\_enrolled | status |

Admin Staff

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| usersTypeID | adminID | Admin\_fName | Admin\_lName | Email |

MemberRegistration:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| usersTypeID | memberID | fName | lName | DOB | Gender | Address | Email | Phone number |
| Emergency contact name | Emergency contact number | Statistics\_id | metrics\_id | mealID | Achieve\_id |  |  |  |

TrainerAvailability:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Availability\_ID | SessionType\_id | Date | Start\_time | End\_time | status |

Class Enrollment:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Class\_enrol | availabilityID | memberID | EnrolmentID | Cancellation\_Date | status |

Admin Staff:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| usersTypeID | adminID | Admin\_fName | Admin\_lName | Email | Processedby |

InvoiceTrainerSession:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Invoice\_id | Amount | Paid | Payment\_date | Processed\_date |

MemberPurchaseTrainerSession:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| memberID | availabilityID | Invoice\_Id | enrollmentDate |  |  |  |

Equipment:

|  |  |
| --- | --- |
| equipID | equipName |

EquipmentMaintenance:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Maintenance\_id | equipID | adminID | Maintenance \_date | Maintenance \_type | Maintenance\_description | Maintenance\_cost |