

TABLE: **ATTENDANCE**

| Column Name | Description | Data Type | Size | Format | Key? |
|---------------|---|-----------|------|----------|--------------------------|
| attenID | Unique sequential number identifying the record of attendance pertaining to Group Sessions and the members present | INT | 3 | 999 | PK |
| groupID | Unique sequential number identifying each member associated with one group session along with the conducting employee | INT | 5 | | FK (ref. Group Sessions) |
| memID | Unique sequential number identifying each member associated with the gym | INT | 3 | | FK (ref. Members) |
| checkInTime | Describes the time each member checked-in for their session | TIME | 8 | 99:99:99 | |
| checkOutTime | Describes the time each individual of the session departed | TIME | 8 | 99:99:99 | |
| checkInMethod | Refers to the means or the method the member used to show attendance | TEXT | 10 | | |

TABLE: **APPS**

| Column Name | Description | Data Type | Size | Format | Key? |
|---------------|--|-----------|------|--------|------|
| appID | Unique sequential number identifying the specific application used for virtual engagement between staff and member | INT | 3 | 999 | PK |
| appName | The name of the application | TEXT | 11 | | |
| platform | Refers to the operating system the application runs on | TEXT | 14 | | |
| developerName | Describes the name of the company responsible for the creation of each application | TEXT | 30 | | |
| version | Refers to the specific software of the application that is currently in use | DOUBLE | 4 | 9.99 | |
| avgRating | Describes the average review out of 5 stars given by past consumers | DOUBLE | 4 | 9.99 | |

TABLE: **CLASS TYPE**

| Column Name | Description | Data Type | Size | Format | Key? |
|------------------|--|-----------|------|----------|------|
| classID | Unique sequential number identifying each class that takes place | INT | 8 | 99999999 | PK |
| difficulty | Refers to the level of effort, experience, and challenge quality of a class | TEXT | 8 | | |
| className | The name of class that will be taking place | TEXT | 14 | | |
| classDescription | Describes the target areas of the body the class will focus on, materials that will be provided, and expectations of the class | TEXT | 30 | | |
| musicType | Refers to the category of music that will be playing during class | TEXT | 10 | | |
| roomTemp | Refers to the temperature level of the room the class will be taking place in | DOUBLE | 4 | 99.9 | |

TABLE: **EMPLOYEES**

| Column Name | Description | Data Type | Size | Format | Key? |
|----------------|--|-----------|------|----------|---------------|
| employeeID | Unique sequential number identifying each employee in the company | INT | 10 | | PK |
| gymID | Unique sequential number identifying one gym establishment located within in a franchise | INT | 1 | | FK (ref. Gym) |
| isTrainer | Identifier that signals if a staff member has a trainer certification | TEXT | 5 | | |
| firstName | The employee's first name | TEXT | 25 | | |
| lastName | The employee's last name | TEXT | 30 | | |
| shiftStartTime | The time the employee's shift begins | TIME | 8 | 99:99:99 | |
| shiftEndTime | The time the employee's shift ends | TIME | 8 | 99:99:99 | |

TABLE: **EQUIPMENT**

| Column Name | Description | Data Type | Size | Format | Key? |
|--------------|---|-----------|------|----------|----------------------|
| equipmentID | Unique sequential number identifying each piece of equipment in the establishment | INT | 2 | | PK |
| supplierID | Unique sequential number identifying the manufacturers of each piece of equipment | INT | 8 | 99999999 | FK (ref. Suppliers) |
| equipCost | The price to obtain each piece of equipment | TEXT | 7 | | |
| quantity | The number or amount of current inventory for one specific piece of equipment | INT | 2 | | |
| avgMaintCost | The average price to maintain each piece of equipment | TEXT | 7 | | |
| classID | Unique sequential number identifying each class that takes place | INT | 8 | 99999999 | FK (ref. Class Type) |

TABLE: **GROUP SESSIONS**

| Column Name | Description | Data Type | Size | Format | Key? |
|-------------|---|-----------|------|------------------------|----------------------|
| groupID | Unique sequential number identifying each member associated with one group session along with the conducting employee | INT | 5 | | PK |
| employeeID | Unique sequential number identifying each employee in the company | INT | 10 | | FK (ref. Employees) |
| classID | Unique sequential number identifying each class that takes place | INT | 8 | 99999999 | FK (ref. Class Type) |
| dateTime | The date and time the group session occurred | DATETIME | 20 | YYYY-MM-DD 99:99:99 | |
| duration | The length of time the session occurred | TEXT | 10 | "XX" mins | |
| maxCapacity | Describes the maximum amount of people allowed in a single session | INT | 3 | | |
| location | Refers to the place or room a session will be held | TEXT | 3 | | |

TABLE: **GYM**

| Column Name | Description | Data Type | Size | Format | Key? |
|-------------|--|-----------|------|----------------|------|
| gymID | Unique sequential number identifying one gym establishment located within in a franchise | INT | 1 | | PK |
| address | The address under which the establishment is located | TEXT | 5 | | |
| phoneNumber | The gym's contact phone number | TEXT | 10 | (999)-999-9999 | |
| gymName | The name of the gym entity | TEXT | 20 | | |
| size | Describes the square feet measurements of the gym | TEXT | 15 | | |
| openTime | The time the gym opens and is ready to serve guests | TIME | 8 | 99:99:99 | |
| closeTime | The time the gym closes for the day and is not available to the public | TIME | 8 | 99:99:99 | |

TABLE: **MEMBERS**

| Column Name | Description | Data Type | Size | Format | Key? |
|-------------|--|-----------|------|---------|---------------------------|
| memID | Unique sequential number identifying each member associated with the gym | INT | 3 | | PK |
| firstName | The member's first name | TEXT | 25 | | |
| lastName | The member's last name | TEXT | 30 | | |
| memTypeID | Unique sequential number identifying each the membership associated with each specific member | INT | 7 | 9999999 | FK (ref. Membership Type) |
| address | The provided address of a single member for contact purposes | TEXT | 45 | | |
| city | Refers to the name of the town the member has in their provided address | TEXT | 15 | | |
| paymentInfo | Describes the financial details of a member and the methods to the means how they will make payments | INT | 7 | 9999999 | |

TABLE: **MEMBERSHIP TYPE**

| Column Name | Description | Data Type | Size | Format | Key? |
|--------------------|--|-----------|------|---------|------|
| memTypeID | Unique sequential number identifying each the membership associated with each specific member | INT | 7 | 9999999 | PK |
| memTypeName | Refers to the name of the membership type the member has purchased | TEXT | 7 | | |
| amenitiesAvailable | Describes the access and privileges of the purchased membership type | TEXT | 30 | | |
| tier | Refers to the level of membership a member has obtained | TEXT | 6 | | |
| duration | The length of time a member has a valid membership to a specific gym | TEXT | 10 | | |
| monthlyCharge | Describes the monthly fee particular to each membership type | DOUBLE | 3 | | |
| cancellationFee | Refers to the specific monetary value of a cancellation cost of a membership for one member | DOUBLE | 3 | | |
| discounts | The quantifiable amount of the discounts to various retailers, specific to the membership type | TEXT | 1 | | |

TABLE: **PERSONAL SESSIONS**

| Column Name | Description | Data Type | Size | Format | Key? |
|---------------|--|-----------|------|------------------------|---------------------|
| dateTime | The date and time the session occurred | DATETIME | 20 | YYYY-MM-DD 99:99:99 | PK |
| employeeID | Unique sequential number identifying the employee leading the session | INT | 10 | | FK (ref. Employees) |
| memID | Unique sequential number identifying each member associated with the gym | INT | 3 | | FK (ref. Members) |
| duration | The length of time the session occurred | TEXT | | | |
| currentWeight | Describes the initial, current weight of a member BEFORE starting personal sessions | TEXT | 4 | 999.9 "lbs" | |
| currentBMI | Describes the initial, current body mass index of a member BEFORE starting personal sessions | DOUBLE | 3 | 99.9 | |

TABLE: **SUPPLIER**

| Column Name | Description | Data Type | Size | Format | Key? |
|-------------------|---|-----------|------|----------------|------|
| supplierID | Unique sequential number identifying the manufacturers of each piece of equipment | INT | 8 | 99999999 | PK |
| suppName | The name of the vendor supplying the equipment | TEXT | 30 | | |
| suppAddress | The provided address of a Vendor and where they are located | TEXT | 30 | | |
| phoneNumber | The Vendor's contact phone number | TEXT | 10 | (999)-999-9999 | |
| contactPersonName | The Vendor's provided point of contact person's first name | TEXT | 25 | | |
| specialty | The field of expertise pertaining to production of equipment | TEXT | 15 | | |

TABLE: **TRANSACTIONS**

| Column Name | Description | Data Type | Size | Format | Key? |
|----------------|---|-----------|------|------------------------|-------------------|
| paymentID | Unique sequential number identifying one payment, the member who made the payment, the amount and how they paid | INT | 4 | | PK |
| gymID | Unique sequential number identifying one gym establishment located within in a franchise | INT | 1 | | FK (ref. Gym) |
| memID | Unique sequential number identifying each member associated with the gym | INT | 3 | | FK (ref. Members) |
| dateTime | The date and time when the payment was received | DATETIME | 20 | YYYY-MM-DD 99:99:99 | |
| paymentMethod | Describes the means by which a member made a payment on their account | TEXT | 30 | | |
| amount | The numerical value of a single payment | TEXT | 6 | | |
| billingAddress | The provided address of a member to receive payments, invoices, and other financial info | TEXT | 30 | | |
| status | Reports the position of payment; pending, accepted, or needed | TEXT | 8 | | |

TABLE: **VIRTUAL SESSIONS**

| Column Name | Description | Data Type | Size | Format | Key? |
|-------------|--|-----------|------|------------------------|---------------------|
| virtualID | Unique sequential number identifying the specific virtual session that describes trainers, group members, and focus of session | TEXT | 10 | | PK |
| dateTime | The date and time the virtual session will be taking place | DATETIME | 20 | YYYY-MM-DD 99:99:99 | |
| maxCapacity | Describes the maximum amount of people allowed in a single virtual session | TEXT | 2 | | |
| duration | The amount of time the virtual session takes place | TEXT | 2 | 99 | |
| employeeID | Unique sequential number identifying each employee in the company | INT | 10 | | FK (ref. Employees) |
| appID | Unique sequential number identifying the specific application used for virtual engagement between staff and member | INT | 3 | 999 | FK (ref. Apps) |