|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Table Name | Attribute Name | Contents | Type | Format | Range | Required | PK or FK | FK Reference Table |
| Gym | g\_id  g\_addr  g\_employee\_amt  g\_maxcapacity | Gym number  Gym address  Number of employees  Max Capacity | Int(5)  VARCHAR(255)  Int(5)  Int(3) | 99999  Xxxxxxxxxxxxxxx  99999  999 | 0-99999  NA  0-99999  0-999 | Y  Y  Y  Y | PK |  |
| Employees | emp\_id  emp\_fname  emp\_lname  emp\_addr  emp\_phone  emp\_ssn  emp\_dob  emp\_position | Employee number  First Name  Last Name  Address  Phone number  Social Security  Date of Birth  Position in Gym | Int(5)  VARCHAR(255)  VARCHAR(255)  VARCHAR(255)  Char(10)  Char(9)  Char(8)  VARCHAR(255) | 99999  Xxxxxxxxxxxxxxx  Xxxxxxxxxxxxxxx  Xxxxxxxxxxxxxxx  999-999-9999  999-99-9999  99-99-9999  Xxxxxxxxxxxxxxx | 0-99999  NA  NA  NA  NA  NA  NA  NA | Y  Y  Y  Y  Y  Y  Y  Y | PK |  |
| Customers | c\_id  c\_fname  c\_lname  c\_email  c\_phone | Customer\_ID  First Name  Last Name  Email  Phone Number | Int (5)  VARCHAR(255)  VARCHAR(255)  VARCHAR(255)  Char(10) | 99999  Xxxxxxxxxxxxxxx  Xxxxxxxxxxxxxxx  xxxxxxxxxx@xxx  999-999-9999 | 0-99999  NA  NA  NA  NA | Y  Y  Y  Y | PK |  |
| Members | m\_sub\_period  m\_id  m\_fname  m\_lname  m\_dob  emp\_id  m\_phone  m\_addr | Subscription Period  Membership ID  First Name  Last Name  Date of Birth  Trainer ID  Phone number  Address | Char(8)  Int(5)  VARCHAR(255)  VARCHAR(255)  Char(8)  Int(5)  Char(10)  VARCHAR(255) | 99-99-9999  99999  Xxxxxxxxxxxxxxx  Xxxxxxxxxxxxxxx  99-99-9999  99999  999-99-9999  Xxxxxxxxxxxxxxx | NA  0-99999  NA  NA  NA  0-99999  NA  NA | Y  Y  Y  Y  Y  Y  Y  Y | PK  FK | Employees |
| Inventory | g\_id  inv\_machine\_amt  inv\_freeweights\_amt | Gym Number  Number of machines  Number of weights | Int(5)  Char(5)  Char(5) | 99999  99999  99999 | 0-99999  NA  NA | Y  Y  Y | FK | Gym |
| Schedules | emp\_id  sch\_date  sch\_time  sch\_hours | Employee Number  Date  Start Time  Daily Hours | Int(5)  Char(8)  Char(5)  Int(1) | 99999  99-99-9999  99:99  9 | 0-99999  NA  NA  0-9 | Y  Y  Y  Y | FK  PK | Employees |
| Payroll | p\_id  p\_employee \_pay | Employee Number  Hourly Wage | int(5)  int(10) | 99999  $99,999.99 | 0-99999  NA | Y  Y | Fk  PK | Employees |
| Attendance | g\_id  m\_id  att\_date  att\_count | Gym Number  Member ID  Date  Number of times Member attends Gym | Int(5)  Int(5)  Char(8)  Int(255) | 99999  99999  99-99-9999  9999999999999 | 0-99999  0-99999  NA  0-9999999999999 | Y  Y  Y  Y | Fk  Fk  PK | Gym  Members |
| Retention | m\_id  discount\_id  att\_count | Member ID  Discount number  Number of times Member attends Gym | Int(5)  Int(5)  Int(255) | 99999  99999  9999999999999 | 0-99999  0-99999  0-9999999999999 | Y  Y  Y  Y | Fk  Pk | Members |
| Accounting Table | acc\_transaction\_id  acc\_membership\_price  acc\_customer\_price  acc\_maintenance\_expense | Transaction number  Price of having Membership  Daily rate for none members  Cost to maintain gym | Int(5)  Char(6)  Char(6)  Char(9) | 99999  $99.99  $99.99  $99999.99 | 0-99999  NA  NA  NA | Y  Y  Y  Y  Y  Y | Pk |  |