**Fitness App**

Database mobel documentation

Created with Vertabelo.com

# 1. Model details

**Model name:** 
Fitness App

**Version:** 
2.3

**Database engine:** 
mysql

# 2. Tables

## 2.1. Table Class

**Description:** 
These are the actual classes being offered at work

2.1.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| id | int |  |  |
| classID | int |  |  |
| startTime | time |  |  |
| endTime | time |  |  |
| date | date |  |  |
| locationID | int |  |  |
| instructorID | int |  |  |
| status | int |  |  |
| capacity | int |  |  |
| created | timestamp |  |  |
| updated | timestamp |  |  |

## 2.2. Table Instructors

**Description:** 
This is a list of possible instructors to teach the classes

2.2.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| id | int |  |  |
| name | nvarchar(255) |  |  |
| created | timestamp |  |  |
| updated | timestamp |  |  |

## 2.3. Table ClassType

**Description:** 
The different types of classes that we will be offering

2.3.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| id | int |  |  |
| name | varchar(255) |  |  |
| status | bit |  |  |
| created | timestamp |  |  |
| updated | timestamp |  |  |

## 2.4. Table Locations

**Description:** 
These are locations where the classes can be held

2.4.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| id | int |  |  |
| name | nvarchar(255) |  |  |
| created | timestamp |  |  |
| updated | timestamp |  |  |

## 2.5. Table RegistrationRecords

**Description:** 
All class records are stored in this table

2.5.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| id | int |  |  |
| classID | int |  |  |
| emailAddress | nvarchar(255) |  |  |
| waitlisted | bit |  |  |
| created | timestamp |  |  |
| updated | timestamp |  |  |

# 3. References

## 3.1. Reference instructor\_class

|  |  |  |
| --- | --- | --- |
| **Instructors** | **0..\*** | **Class** |
| id | <-> | instructorID |

## 3.2. Reference class\_obj

|  |  |  |
| --- | --- | --- |
| **ClassType** | **0..\*** | **Class** |
| id | <-> | classID |

## 3.3. Reference Class\_Locations

|  |  |  |
| --- | --- | --- |
| **Locations** | **0..\*** | **Class** |
| id | <-> | locationID |

## 3.4. Reference Class\_RegistrationRecords

|  |  |  |
| --- | --- | --- |
| **Class** | **0..\*** | **RegistrationRecords** |
| id | <-> | classID |