|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Users | | | | | |
| P.K. | Column | Type | Nullable? | Unique? | Note |
| PK | User\_ID | INT |  |  | Auto Increment |
|  | Email | VARCHAR(255) |  | Unique |  |
|  | Password | VARCHAR(255) |  |  |  |
|  | First\_Name | VARCHAR(100) |  |  |  |
|  | Last\_Name | VARCHAR(100) |  |  |  |
|  | Gender | ENUM |  |  | ('male', 'female', 'other') |
|  | Major | VARCHAR(100) |  |  |  |
|  | Grade | ENUM |  |  | ('freshman', 'sophomore', 'junior', 'senior', 'graduate') |
|  | Weight | DECIMAL(5,2) |  |  | (assuming weight is in kilograms or pounds) |
|  | Height | DECIMAL(5,2) |  |  | (assuming height is in centimeters or inches) |
|  | Picture | VARCHAR(255) | True |  | (path to the image file) App裡的照片是存在哪？ 存在Server裡的相對路徑 |
|  | Deleted | Boolean |  |  |  |
|  | CreateTime | DATETIME |  |  | User created time |

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| --- | --- | --- | --- | --- | --- |
| Match\_Requests | | | | | |
| P.K. | Column | Type | Nullable? | Unique? | Note |
| PK | Request\_ID | INT |  |  | Auto Increment |
| FK | User\_ID | INT |  | Unique |  |
| FK | Sport\_ID | INT |  |  | 0: “Lift”  1: “Basketball” |
|  | StartTime | DATETIME |  |  |  |
|  | Location | INT |  |  | 0: “Nic”  1: “Bakke” |
|  | User\_Level | INT |  |  | 0: Beginner  1: intermediate  2: Advanced |
|  | Partner\_Level | INT |  |  | 0: Beginner  1: intermediate  2: Advanced |
|  | Partner\_Gender | INT |  |  | 0: Male  1: Female  2: Other |
|  | Status | ENUM |  |  | ENUM('pending', 'confirmed', 'completed', 'cancelled') |
|  | Sport\_Details | INT |  |  | 0: chest  1: back  2: arms  3: abdominals  4: legs  5: shoulders  -----  How many people will involve |
|  | Deleted | Boolean |  |  |  |
|  |  |  |  |  |  |

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| Sports | | | | | |
| P.K. | Column | Type | Nullable? | Unique? | Note |
| PK | Sport\_ID | INT |  |  | Auto Increment |
|  | Sport\_Name | VARCHAR(100) |  |  |  |
|  | Deleted |  |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| Workout\_Details | | | | | |
| P.K. | Column | Type | Nullable? | Unique? | Note |
| FK | Sport\_ID | INT |  |  | Auto Increment |
|  | Sport\_Details | INT |  |  | 0: chest  1: back  2: arms  3: abdominals  4: legs  5: shoulders |

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| --- | --- | --- | --- | --- | --- |
| Basketball\_Details | | | | | |
| P.K. | Column | Type | Nullable? | Unique? | Note |
| FK | Sport\_ID | INT |  |  | Auto Increment |
|  | People\_Number | INT |  |  | How many people will involve |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Matches | | | | | |
| P.K. | Column | Type | Nullable? | Unique? | Note |
| PK | UserMatch\_ ID | INT |  |  | Auto Increment |
| FK | User\_Id | INT |  |  |  |
|  | Location | INT |  |  | 0: “Nic”  1: “Bakke” |
|  | User\_Level | INT |  |  | 0: Beginner  1: intermediate  2: Advanced |
|  | Partner\_Level | INT |  |  | 0: Beginner  1: intermediate  2: Advanced |
|  | Partner\_Gender | INT |  |  | 0: Male  1: Female  2: Other |
|  | Create\_Time | DATETIME |  |  |  |
|  | Deleted | Boolean |  |  |  |
|  |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| Groups | | | | | |
| P.K. | Column | Type | Nullable? | Unique? | Note |
| PK | Group\_Id | INT |  | Unique | Auto Increment |
| FK | User\_Id | INT |  |  |  |

\* Users

\* User ID: INT (Primary Key, Auto Increment)

\* Email: VARCHAR(255) (Unique)

\* Password: VARCHAR(255)

\* First Name: VARCHAR(100)

\* Last Name: VARCHAR(100)

\* Gender: ENUM('male', 'female', 'other')

\* Major: VARCHAR(100)

\* Grade: ENUM('freshman', 'sophomore', 'junior', 'senior', 'graduate')

\* Weight: DECIMAL(5,2) (assuming weight is in kilograms or pounds)

\* Height: DECIMAL(5,2) (assuming height is in centimeters or inches)

\* Picture: VARCHAR(255) (path to the image file)

\* Sports

\* Sport ID: INT (Primary Key, Auto Increment)

\* Sport Name: VARCHAR(100)

\* Matches

\* Match ID: INT (Primary Key, Auto Increment)

\* User ID: INT (Foreign Key referencing Users)

\* Sport ID: INT (Foreign Key referencing Sports)

\* StartTime: DATETIME

\* Location: VARCHAR(255)

\* User Preferences

\* Preference ID: INT (Primary Key, Auto Increment)

\* User ID: INT (Foreign Key referencing Users)

\* Weight Category: ENUM('lightweight', 'middleweight', 'heavyweight')

\* Skill Level: ENUM('beginner', 'intermediate', 'advanced')

\* User Matches

\* User Match ID: INT (Primary Key, Auto Increment)

\* Match ID: INT (Foreign Key referencing Matches)

\* User ID: INT (Foreign Key referencing Users)

\* Status: ENUM('pending', 'confirmed', 'completed', 'cancelled')