|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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 |
|  | isActive | Boolean |  |  |  |
|  | CreateTime | DATETIME |  |  | User created time |

|  |  |  |  |  |  |
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| Preference | | | | | |
| P.K. | Column | Type | Nullable? | Unique? | Note |
| PK | Request\_ID | INT |  |  | Auto Increment |
| FK | User\_ID | INT |  | Unique |  |
| FK | exercise | VARCHAR  (the values might be changed overtime, so VARCHAR is easier to change) |  |  | 0: “Lift”  1: “Basketball” |
|  | StartTime | DATETIME |  |  |  |
|  | Location | ENUM |  |  | 0: “Nic”  1: “Bakke”  2: Any |
|  | User\_Level | ENUM |  |  | 0: Beginner  1: intermediate  2: Advanced  3: Any |
|  | Partner\_Level | ENUM |  |  | 0: Beginner  1: intermediate  2: Advanced  3. Any |
|  | userGender | ENUM |  |  | 'male', 'female', 'transgender', 'nonBinary', 'preferNotToSay', 'other' |
|  | Partner\_Gender | ENUM |  |  | 0: Male  1: Female  2: Other  3. Any |
|  | ~~Status~~ | ~~ENUM~~ |  |  | ~~ENUM('pending', 'confirmed', 'completed', 'cancelled')~~ |
|  | Sport\_Details | ENUM |  |  | 0: chest  1: back  2: arms  3: abdominals  4: legs  5: shoulders  -----  How many people will involve |
|  | isActive | Boolean |  |  |  |
|  | ~~Deleted~~ | ~~Boolean~~ |  |  |  |
|  |  |  |  |  |  |

|  |  |  |  |  |  |
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| Match | | | | | |
| P.K. | Column | Type | Nullable? | Unique? | Note |
| PK | matchId | INT |  |  | Auto Increment |
| FK | requesterID | INT |  | Unique |  |
| FK | targetID | INT |  | Unique |  |
|  | isMatchAccepted | Boolean |  |  |  |
|  | isMatchDeclined | Boolean |  |  |  |
|  | CreateTime | DATETIME |  |  |  |
|  | isMatchCreated | Boolean |  |  |  |