**ToKa Data Dictionary**

User table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Description | Validation | Explanation |
| User\_ID | Int | Stores the primary key for the user table | Not Null | The user table needs a primary key to help us to identify the records and this will be an integer |
| Firstname | Char | Stores the user’s first name in the user table | Not Null | First name is needed to identify who the user is so this will be in char |
| Lastname | Char | Stores the user’s last name in the user table | Not Null | Last name is also needed to identify the user’s identity |
| Email | Char | Stores the user’s email which is important for verification and updates | NOT NULL and character check for ‘@’ | Email is needed to verify users going in and out of accounts and to send them personal updates. This also ties in to GDPR to not allow easy access into an account |
| Dateofbirth | Date | Stores the date of birth of the user | Short date 00/00/0000 and <now() | We need to store the date of birth of the learner for GDPR purposes so we know what age they are and then we can ensure we are giving age appropriate advice. |

Workout Tracker table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Description | Validation | Explanation |
| Workout\_id | INT NOT NULL PRIMARY KEY AUTO\_INCREMENT | Stores the unique value of the workout | NOT NULL | Stores the unique identifier for each workout done by the user |
| Workout Type\_id | INT NOT NULL FOREIGN KEY REFERENCES (Type\_Table) | Stores the type of workout that the user has done by linking by the foreign key that is a primary in another table | NOT NULL | This will help users know if they have done cardio or weightlifting for that day for example. |
| Calories Burnt | INT | Stores the calories that the user has burnt that day | NOT NULL | Users will know how many calories they burnt that day and can add this value into the tracker |
| User\_id | INT NOT NULL FOREIGN KEY REFERENCES (user\_table) | Stores the foreign key of the user from user table | NOT NULL | Workouts can be linked to different users. |

Workout Type table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Description | Validation | Explanation |
| Type\_id | INT NOT NULL PRIMARY KEY AUTO\_INCREMENT | Stores the unique ID of the workout type | NOT NULL | Uniquely identify each workout type by its id |
| type | VARCHAR(50) | Stores the workout type | NOT NULL | Find what type of workout it is. |