Calories Tracking Tool

Description: Since obese percentage in America have been significantly increased throughout the last 20 years. People needed an app/tool to help them control and reduce their weight healthily. This app/tool aims to reduce the budget on medication or treatment for diseases related to obesity, overweight, or underweight. Currently, many apps cost a subscription and are money-consuming, like 10 to 20 dollars a month.

Who: Anyone
What: Offering a low-cost version of a calories tracker
Why: Other calories tracker has a much higher cost
How: Have a small profit, but a large sale volume

Date: Day-by-Day tracking.
Person

Name
Gender
Weight
Height
Age

Food

Food
Calories
Protein
Carbs
Fat

```sql
CREATE TABLE raw_data (
    Pname VARCHAR(32),
    Pgender VARCHAR(32),
    Page INT,
    PActiveLevel INT,
    Pweight FLOAT,
    Pheight FLOAT,
    Fname VARCHAR(32),
    Fcalories INT,
    Fprotein INT,
    Fcarbs INT,
    Ffat INT,
    Date DATETIME,
    Famount FLOAT
);

CREATE TABLE Person AS
SELECT DISTINCT
    Pname,
    Pgender,
    Page,
    PActiveLevel
FROM raw_data;

CREATE TABLE PhysicalAttributes AS
SELECT DISTINCT
    Pname,
    Pweight,
    Pheight
FROM raw_data;

CREATE TABLE Food AS
SELECT DISTINCT
    Fname,
    Fcalories,
```

```sql
        Fprotein,
        Fcarbs,
        Ffat
FROM raw_data;

CREATE TABLE DailyIntake (
        IntakeID INT AUTO_INCREMENT PRIMARY KEY,
        Date DATE,
        Pname VARCHAR(32),
        Fname VARCHAR(32),
        Amount INT
);

INSERT INTO DailyIntake (Date, Pname, Fname, Amount)
SELECT
        Date,
        Pname,
        Fname,
        Amount
FROM raw_data;
```