**Database Queries**

**CREATE DATABASE** HEALTHPAL;

**USE** HEALTHPAL

**CREATE TABLE** USERS (

USER\_ID **VARCHAR(20) PRIMARY** KEY,

USERNAME **VARCHAR (100)** NOT NULL,

EMAIL **VARCHAR (50)** UNIQUE NOT NULL,

);

**CREATE TABLE** CALORIE\_LOG (

LOG\_ID **INT AUTO\_INCREMENT PRIMARY KEY,**

USER\_ID **VARCHAR (20),**

DATE **DATE** NOT NULL,

FOOD\_ITEM **VARCHAR (100)** NOT NULL,

CARBOHYDRATES **DECIMAL (8, 2)**,

CARBOHYDRATES\_UNITS **VARCHAR (10)** ,

PROTEINS **DECIMAL (8, 2)**,

PROTEINS\_UNIT **VARCHAR (10)**,

FATS **DECIMAL (8, 2),**

FATS\_UNITS **VARCHAR (10)**,

CALORIES **DECIMAL (8, 2)**,

FOREIGN KEY (USER\_ID) REFERENCES USERS(USER\_ID)

);

**CREATE TABLE** HEALTH\_METRICS (

MERIC\_ID **INT** AUTO\_INCREMENT PRIMARY KEY,

USER\_ID **VARCHAR (20)**,

LOG\_DATE **DATE** NOT NULL,

TEMPERATURE **DECIMAL (4, 1)**,

TEMPERATURE\_UNIT **VARCHAR (5)**,

WEIGHT **DECIMAL (6, 2)**,

WEIGHT\_UNIT **VARCHAR ()**,

SLEEP\_HOURS **DECIMAL (5, 2)**,

HEART\_RATE **INT**,

FOREIGN KEY (USER\_ID) REFERENCES USERS(USER\_ID)

);