**WATER MANAGEMENT SYSTEM**

**SCHEMA:**

Below is the Schema for the relational database, which has two tables namely “User” and “Consumption”.

'UserID' column in the "Consumption" table is a foreign key that references the 'UserID' column in the "Users" table.

A screenshot of a computer code

Description automatically generated

|  |  |
| --- | --- |
| CREATE TABLE Users (  HouseNO INT PRIMARY KEY,  UserName VARCHAR(50),  PhoneNumber VARCHAR(20),  HeadCount INT,  Email VARCHAR(100),  PasswordHash VARCHAR(255)  ); | CREATE TABLE Consumption (  HouseNO INT,  Quantity INT,  FromTime TIME,  ToTime TIME,  Date DATE,  FOREIGN KEY (HouseNO) REFERENCES Users(HouseNO)  ); |

A diagram of software

Description automatically generated**ARCHITECTURE:**

**API documentation:**

1. /login