//Create a table named plantData to store information About different plant species

CREATE TABLE PlantData (

plant\_id INT PRIMARY KEY AUTO\_INCREMENT,

species VARCHAR(255) NOT NULL UNIQUE,

care\_info TEXT

);

Stores information about individual plants owned by users.

CREATE TABLE Plants (

plant\_id INT PRIMARY KEY AUTO\_INCREMENT, name VARCHAR(255) NOT NULL,

species VARCHAR(255),

date\_updated DATE,

FOREIGN KEY (species) REFERENCES PlantData(species) -- Keep if you want species-based reference

);

//Stores scheduled plant care tasks (watering, fertilizing, pruning, etc.).

CREATE TABLE Schedule (

schedule\_id INT PRIMARY KEY AUTO\_INCREMENT,

plant\_id INT NOT NULL,

task VARCHAR(255) NOT NULL,

frequency ENUM('daily', 'weekly', 'monthly', 'yearly') NOT NULL,

FOREIGN KEY (plant\_id) REFERENCES Plants(plant\_id) ON DELETE CASCADE

);

//Stores journal entries related to plant care and observations.

CREATE TABLE Journal (

entry\_id INT PRIMARY KEY AUTO\_INCREMENT,

plant\_id INT NOT NULL,

date DATE NOT NULL,

content TEXT,

FOREIGN KEY (plant\_id) REFERENCES Plants(plant\_id) ON DELETE CASCADE

);

//Tracks plant growth measurements over time.

CREATE TABLE Growth (

log\_id INT PRIMARY KEY AUTO\_INCREMENT,

plant\_id INT NOT NULL,

date DATE NOT NULL,

height FLOAT CHECK (height >= 0),

FOREIGN KEY (plant\_id) REFERENCES Plants(plant\_id) ON DELETE CASCADE

);