# SQL SCRIPTS

DATABASE

CREATE DATABASE IF NOT EXISTS Food\_Waste\_Management;

USE Food\_Waste\_Management;

Create Tables

Locations Table

CREATE TABLE IF NOT EXISTS Locations (

location\_id INT AUTO\_INCREMENT PRIMARY KEY,

city VARCHAR(100) NOT NULL,

province VARCHAR(100) NOT NULL

);

WasteGenerators Table

CREATE TABLE IF NOT EXISTS WasteGenerators (

generator\_id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(100) NOT NULL,

type VARCHAR(50) NOT NULL,

location\_id INT,

FOREIGN KEY (location\_id) REFERENCES Locations(location\_id)

);

FoodWaste Table

CREATE TABLE IF NOT EXISTS FoodWaste (

waste\_id INT AUTO\_INCREMENT PRIMARY KEY,

generator\_id INT,

type VARCHAR(50) NOT NULL,

quantity DECIMAL(10, 2) NOT NULL,

date DATE NOT NULL,

FOREIGN KEY (generator\_id) REFERENCES WasteGenerators(generator\_id)

);