CREATE database MIT;

USE MIT;

drop database MIT;

CREATE TABLE Cliente (

idCliente INT primary key auto\_increment,

Usuario VARCHAR(45),

Senha varchar(45),

CNPJ CHAR(14)

);

insert into Cliente values

(null, 'Colepav', 'Colepav123', '12162177001064'),

(null, 'Ecotrans', 'Ecotrans123', '86248420001262'),

(null, 'Eco Urbis', 'EcoUrbis123', '70371230001461'),

(null, 'Ecobraz', 'Ecobraz123', '14197457000142'),

(null, 'Parque Ibirapuera', 'ParqueIbirapuera123', '68523541578451'),

(null, 'Bandtec', 'bandtec123', '07165496000100');

select \* from Cliente;

CREATE TABLE Endereço (

idEndereço INT primary key auto\_increment,

Numero INT,

CEP CHAR(8)

);

insert into Endereço values

-- Colepav

(null, 66 , '09580130'),

(null, 34, '08548746'),

(null, 458 , '69856578'),

(null, 598, '25698565'),

-- Ecotrans

(null, 695, '09580370'),

(null, 56, '48568752'),

-- Eco Urbis

(null, 3621, '05798350' ),

(null, 589, '15896547' ),

(null, 485, '78523654' ),

-- Ecobraz

(null, 83, '03351090' ),

(null, 258, '48562586' ),

(null, 785, '35689545' ),

-- ibirapuera

(null, 1000, '04098901' ),

(null, 1500, '04094005' ),

(null, 2000, '04094000' ),

-- bandtec

(null, 595, '01414001'),

(null, 595, '01414001'),

(null, 595, '01414001');

select \* from Endereço;

CREATE TABLE Lixeira (

idLixeira INT primary key auto\_increment,

Cliente\_idCliente INT,

IdSensorEntrada CHAR(5) unique,

IdSensor1 CHAR(5) unique,

IdSensor2 CHAR(5) unique,

IdSensor3 CHAR(5) unique,

Endereço\_idEndereço INT,

FOREIGN KEY (Cliente\_idCliente)REFERENCES Cliente (idCliente),

FOREIGN KEY (Endereço\_idEndereço)REFERENCES Endereço (idEndereço)

);

insert into Lixeira values

(null, 1 ,'E1','N1','N2','N3', 1),

(null, 2 ,'E2','N4','N5','N6', 5),

(null, 3 ,'E3','N7','N8','N9', 7),

(null, 1 ,'E4','N10','N11','N12', 2),

(null, 1 ,'E5','N13','N14','N15', 3),

(null, 5 ,'E6','N16','N17','N18', 13),

(null, 5 ,'E7','N19','N20','N21', 14),

(null, 5 ,'E8','N22','N23','N24', 15),

(null, 4 ,'E9','N25','N26','N27', 10),

(null, 4 ,'E10','N28','N29','N30', 11),

(null, 4 ,'E11','N31','N32','N33', 12),

(null, 1 ,'E12','N34','N35','N36', 4),

(null, 3 ,'E13','N37','N38','N39', 8),

(null, 3 ,'E14','N40','N41','N42', 9),

(null, 2 ,'E15','N43','N44','N45', 6),

(null, 6 ,'E16','N46','N47','N48', 15),

(null, 6 ,'E17','N49','N50','N51', 17),

(null, 6 ,'E18','N52','N53','N54', 18);

select \* from Lixeira;

CREATE TABLE StatusSensor(

IdMovimentacao INT primary key auto\_increment,

NivelTotal INT NULL,

DataHora DATETIME NULL,

Lixeira\_idLixeira INT,

FOREIGN KEY (Lixeira\_idLixeira) REFERENCES Lixeira (idLixeira)

);