DROP TABLE IF EXISTS Marche;

DROP TABLE IF EXISTS Type\_Bocal;

DROP TABLE IF EXISTS Categorie;

DROP TABLE IF EXISTS Mois;

DROP TABLE IF EXISTS Ingredient;

DROP TABLE IF EXISTS Bocal;

DROP TABLE IF EXISTS Produit;

DROP TABLE IF EXISTS Variete;

DROP TABLE IF EXISTS Recolter;

DROP TABLE IF EXISTS Commercialiser;

DROP TABLE IF EXISTS Composer;

DROP TABLE IF EXISTS Comporter;

CREATE TABLE Marche(

id SERIAL PRIMARY KEY,

occasion INT DEFAULT 3 CHECK (occasion IN (1, 2, 3)),

latitude DOUBLE NOT NULL,

longitude DOUBLE NOT NULL,

adresse VARCHAR(200) NOT NULL,

ville VARCHAR(50) NOT NULL,

jour INT CHECK (jour <=6 AND jour >= 0),

heure\_debut INT CHECK (heure\_debut < 22 ),

heure\_fin INT CHECK (heure\_fin >= 0 AND heure\_fin < 24),

periode\_debut DATE NOT NULL,

periode\_fin DATE NOT NULL

);

CREATE TABLE Categorie(

id SERIAL PRIMARY KEY,

nom VARCHAR(100) NOT NULL

);

CREATE TABLE Mois(

id INT PRIMARY KEY CHECK (id >= 0 AND id <= 12),

nom VARCHAR(50) NOT NULL

);

CREATE TABLE Ingredient(

id SERIAL PRIMARY KEY,

nom VARCHAR(50) NOT NULL

);

CREATE TABLE Bocal(

id SERIAL PRIMARY KEY,

id\_type\_bocal INT REFERENCES type\_bocal(id),

nom VARCHAR(50) NOT NULL,

prix\_bocal DOUBLE NOT NULL,

poids DOUBLE NOT NULL CHECK (poids > 0),

disponibilite\_bocal BOOLEAN DEFAULT FALSE,

id\_categorie INT REFERENCES Catégorie(id)

);

CREATE TABLE Produit(

id SERIAL PRIMARY KEY,

type CHAR(1) DEFAULT 'L' CHECK(type IN ('L', 'F', 'A')),

nom VARCHAR(100) NOT NULL,

prix DOUBLE NOT NULL CHECK ( prix >= 0 ),

Vente\_kg\_ou\_piece BOOLEAN DEFAULT TRUE,

description VARCHAR(200) NOT NULL,

disponibilité BOOLEAN DEFAULT FALSE,

acheté BOOLEAN DEFAULT FALSE

);

CREATE TABLE Recolter(

id\_mois INT REFERENCES Mois(id),

id\_produit INT REFERENCES Produit(id),

PRIMARY KEY(id\_mois, id\_produit)

);

CREATE TABLE Commercialiser(

id\_mois INT REFERENCES Mois(id),

id\_bocal INT REFERENCES Bocal(id),

PRIMARY KEY(id\_mois, id\_bocal)

);

CREATE TABLE type\_bocal(

id SERIAL PRIMARY KEY,

nom VARCHAR(500) NOT NULL,

description VARCHAR(500) NOT NULL

);

CREATE TABLE Comporter(

id\_produit INT REFERENCES Produit(id),

id\_bocal INT REFERENCES Bocal(id),

proportion DOUBLE NOT NULL,

PRIMARY KEY (id\_produit, id\_bocal)

);

CREATE TABLE Composer(

id\_Ingredient INT REFERENCES Ingredient(id),

id\_bocal INT REFERENCES Bocal(id),

PRIMARY KEY (id\_Ingredient, id\_bocal)

);

INSERT INTO Marche(occasion, latitude, longitude, adresse, ville, jour, heure\_debut, heure\_fin, periode\_debut, periode\_fin) VALUES

(1, 48.7489314, -2.9873123, "Rue de Dr Laurent", "Plouézec", 5, 8, 13, "2024-01-01", "2050-12-31"),

(2, 48.6204123, -2.8811976, "La Ville Josse", "Plourhan", 5, 17, 22, "2024-07-15", "2024-08-15"),

(2, 48.8419696, -3.2304757, "Place de la Mairie", "Plougrescant", 6, 7, 11, "2024-06-01", "2024-09-15"),

(2, 48.837921, -3.2853252, "Rue de Castel Coz", "Penvénan", 0, 7, 11, "2024-07-01", "2024-08-31"),

(3, 48.5428673, -3.3984549, "Centre D’initiation A La Riviere", "Belle-Isle-en-Terre", 6, 10, 18, "2024-05-14", "2024-05-14"),

(3, 48.4031212, -2.911389, "Château de Quintin", "Quintin", 5, 10, 19, "2024-06-01", "2024-06-02"),

( 3, 48.2016086, -2.9879177, "2 Rue Sainte-Suzanne", "Guerlédan", 5, 8, 18, "2024-09-07", "2024-09-08"),

(3, 48.5844946, -3.1370411, "Ouilloren", "Pabu", 5, 8, 18, "2024-09-14", "2024-09-15"),

(3, 48.6552163, -2.8609139, "?", "Saint-Quay-Portrieux", 2, 8, 13, "2024-12-25", "2024-12-25");

INSERT INTO type\_bocal (nom,description) VALUES

( "Bocaux salés","Dans nos bocaux salés, nos clients retrouvent nos produits frais, directement du champ à votre table, pour une cuisine simple et savoureuse."),

( "Bocaux sucrés", "La dénomination de « confiture » est interdite car le taux de sucre est inférieur à 55%. Il est indiqué sur l\'étiquette de chaque recette. La teneur en fruits est de 70 %."),

( "Divers","Nous commercialisons également nos animaux, élevés en plein champ avec amour et dans le respect de leur bien-être, puis transformés avec soin.");

INSERT INTO Categorie(nom) VALUES

("Les soupes bios (poids net : 500g/900g)"),

("Aide culinaire"),

("Les sauces aux tomates anciennes"),

("Les tartinables de légumes"),

("Condiments"),

("Les mélanges de légumes à déguster froid ou chaud"),

("Nos gourmandises allégées en sucre (poids net : 250g)"),

("Purée de fruits frais de notre verger(poids net 400g)"),

("Divers");

INSERT INTO Mois(id, nom) VALUES

(1, "Janvier"),

(2, "Février"),

(3, "Mars"),

(4, "Avril"),

(5, "Mai"),

(6, "Juin"),

(7, "Juillet"),

(8, "Août"),

(9, "Septembre"),

(10, "Octobre"),

(11, "Novembre"),

(12, "Décembre");

INSERT INTO Bocal (id\_type\_bocal, nom, prix\_bocal, poids, disponibilite\_bocal, id\_categorie) VALUES

(1, "Soupe de citrouille", 6.00, 500.0, TRUE, 1),

(1, "Soupe de citrouille", 8.00, 900.0, TRUE, 1),

(1, "Soupe 3 P", 5.00, 500.0, TRUE, 1),

(1, "Soupe 3 P", 8.00, 900.0, TRUE, 1),

(1, "Gaspacho", 6.00, 500.0, FALSE, 1),

(1, "Purée de piment", 9.00, 900.0, FALSE, 2),

(1, "Confit d’oignons", 6.00, 900.0, FALSE, 2),

(1, "Sauce tomate cuisinée", 6.00, 400.0, TRUE, 3),

(1, "Le ketchup Bio", 6.00, 220.0, TRUE, 3),

(1, "Houmous de courgettes Bio", 6.00, 100.0, TRUE, 4),

(1, "Purée de courgettes à l’indienne Bio", 6.00, 100.0, TRUE, 4),

(1, "Caviar d’aubergine Bio", 6.00, 100.0, TRUE, 4),

(1, "Purée de poivrons Bio", 6.00, 100.0, TRUE, 4),

(1, "Pickles de courgettes", 6.00, 125.0, FALSE, 5),

(1, "Vinaigre recette été", 6.00, 25, FALSE, 5),

(1, "Vinaigre recette hiver", 6.00, 25, FALSE, 5),

(1, "Cornichon", 9.50, 250.0, FALSE, 5),

(1, "Courgettes à la provençale Bio", 6.00, 400.0, TRUE, 6),

(1, "Vraie ratatouille Bio", 6.00, 400.0, FALSE, 6),

(2, "Abricot Bio", 6.50, 250.0, TRUE, 7),

(2, "Caseille Bio", 6.50, 250.0, FALSE, 7),

(2, "Cassis Bio", 6.50, 250.0, TRUE, 7),

(2, "Fraise Bio", 6.50, 250.0, FALSE, 7),

(2, "Groseille Bio", 6.50, 250.0, FALSE, 7),

(2, "Groseille à maquereaux Bio", 6.50, 250.0, FALSE, 7),

(2, "Pêche de vigne rouge Bio", 6.50, 250.0, FALSE, 7),

(2, "Prune Rouge Bio", 6.50, 250.0, TRUE, 7),

(2, "Rhubarbe Bio", 6.50, 250.0, TRUE, 7),

(2, "Mûre Bio", 6.50, 250.0, FALSE, 7),

(2, "Gelée de pomme cassis Bio", 6.50, 250.0, FALSE, 7),

(2, "Gelée de pomme épicée Bio", 6.50, 250.0, FALSE, 7),

(2, "Gelée de Coing", 6.50, 250.0, FALSE, 7),

(2, "Citrouille épicée Bio", 6.50, 250.0, FALSE, 7),

(2, "La Compote de pommes de variétés anciennes", 6.00, 400.0, TRUE, 8),

(2, "La purée de pommes sans sucre ajouté", 6.00, 400.0, TRUE, 8),

(2, "La purée de pommes & abricots sans sucre ajouté", 6.00, 400.0, TRUE, 8),

(2, "La purée de pommes & coings sans sucre ajouté", 6.00, 400.0, TRUE, 8),

(3, "Rillettes d’agneau", 6.00, 100.0, FALSE, 9);

INSERT INTO Produit( type, nom, prix, vente\_kg\_ou\_piece, description, disponibilité, acheté) VALUES

('L', "carotte", 3.50, TRUE, "?", TRUE, TRUE),

('L', "tomate ronde", 3.5, TRUE, "?", FALSE, FALSE),

('L', "tomate ancienne", 4.9, TRUE, "?", FALSE, FALSE),

('L', "tomate cerise", 5.2, TRUE, "?", FALSE, FALSE),

('L', "poivron", 4.5, TRUE, "?", FALSE, FALSE),

('L', "courge", 2.5, TRUE, "?", FALSE, FALSE),

('L', "citrouille", 2.5, TRUE, "?", FALSE, FALSE),

('L', "potiron", 2.5, TRUE, "?", FALSE, FALSE),

('L', "aubergine", 4.9, TRUE, "?", FALSE, FALSE),

('L', "pomme de terre", 2.5, TRUE, "?", FALSE, FALSE),

('L', "céleri rave", 2, TRUE, "?", FALSE, FALSE),

('L', "chou fleur", 2, FALSE, "?", FALSE, FALSE),

('L', "chou frisé", 2, FALSE, "?", FALSE, FALSE),

('L', "salade", 1.5, FALSE, "?", FALSE, FALSE),

('L', "poireau", 2.95, TRUE, "?", FALSE, FALSE),

('L', "oignon", 3.5, TRUE, "?", FALSE, FALSE),

('L', "oignon nouveau", 2.5, FALSE, "?", FALSE, FALSE),

('L', "patate douce", 3.9, TRUE, "?", FALSE, TRUE),

('L', "betterave", 2.95, TRUE, "?", FALSE, FALSE),

('L', "courgette", 2.5, TRUE, "?", FALSE, FALSE),

('L', "piment", 1, FALSE, "?", FALSE, FALSE),

('L', "radis rose", 2, FALSE, "?", FALSE, FALSE),

('L', "radis noir", 3.65, TRUE, "?", FALSE, TRUE),

('L', "radis de couleurs", 3.65, TRUE, "?", FALSE, FALSE),

('L', "échalote", 4.9, TRUE, "?", FALSE, FALSE),

('L', "épinard", 6.5, TRUE, "Plein champ", FALSE, FALSE),

('L', "artichaut", 1.5, TRUE, "?", FALSE, FALSE),

('L', "concombre", 1.5, FALSE, "?", FALSE, FALSE),

('L', "tomate cerise", 10, TRUE, "?", FALSE, FALSE),

('L', "haricot vert", 6.5, TRUE, "?", FALSE, FALSE),

('L', "bette", 4.5, TRUE, "Plein champ multicolore", FALSE, FALSE),

('L', "fève", 4.5, TRUE, "?", FALSE, TRUE),

('L', "basilic", 1, FALSE, "?", FALSE, FALSE),

('L', "coriandre", 1, FALSE, "?", FALSE, FALSE),

('L', "persil", 1, FALSE, "?", FALSE, FALSE),

('L', "estragon", 1, FALSE, "?", FALSE, FALSE),

('L', "chou blanc", 1.5, TRUE, "?", FALSE, FALSE),

('L', "chou chinois", 2.5, FALSE, "?", FALSE, FALSE),

('L', "pomme de terre primeur", 4.9, TRUE,"?", FALSE, FALSE),

('L', "fenouil", 3.9, TRUE, "Plein champ", FALSE, TRUE),

('L', "cornichons", 9.95, TRUE, "à confire", FALSE, FALSE),

('L', "mâche", 12, TRUE, "Plein champ", FALSE, FALSE),

('L', "ail", 12.5, TRUE, "Plein champ", FALSE, FALSE),

('F', "pomme", 3.50, TRUE, "?", FALSE, FALSE),

('F', "poire", 4.50, TRUE, "?", FALSE, FALSE),

('F', "noix", 6.50, TRUE, "?", FALSE, FALSE),

('F', "pêche de vigne rouge", 4.6, TRUE, "?", FALSE, FALSE),

('F', "cerise", 6.95, TRUE, "?", FALSE, FALSE),

('F', "fraise", 10, TRUE, "Plein champ", FALSE, FALSE),

('F', "abricot", 0, TRUE, "?", FALSE, FALSE),

('F', "casseille", 0, TRUE, "?", FALSE, FALSE),

('F', "cassis", 0, TRUE, "?", FALSE, FALSE),

('F', "groseille", 0, TRUE, "?", FALSE, FALSE),

('F', "groseille à maquereaux", 0, TRUE, "?", FALSE, FALSE),

('F', "prune", 0, TRUE, "?", FALSE, FALSE),

('F', "mûre", 0, TRUE, "?", FALSE, FALSE),

('F', "rhubarbe", 0, TRUE, "?", FALSE, FALSE),

('A', "agneau", 0, FALSE, "Plein champ", FALSE, FALSE);

INSERT INTO Comporter (id\_bocal, id\_produit, proportion) VALUES

(1, 7, 0),

(1, 10, 0),

(1, 16, 0),

(1, 21, 0),

(2, 7, 0),

(2, 10, 0),

(2, 16, 0),

(2, 21, 0),

(3, 8, 0),

(3, 15, 0),

(3, 10, 0),

(3, 17, 0),

(3, 21, 0),

(4, 15, 0),

(4, 10, 0),

(4, 17, 0),

(4, 21, 0),

(8, 3, 0),

(8, 16, 0),

(8, 21, 0),

(9, 2, 0),

(9, 16, 0),

(9, 21, 0),

(10, 20, 0),

(10, 21, 0),

(11, 20, 0),

(11, 10, 0),

(11, 21, 0),

(12, 9, 0),

(12, 21, 0),

(13, 5, 0),

(13, 16, 0),

(13, 21, 0),

(18, 2, 0),

(18, 20, 0),

(18, 16, 0),

(18, 21, 0),

(19, 2, 0),

(19, 9, 0),

(19, 20, 0),

(19, 5, 0),

(19, 21, 0),

(20, 50 , 0),

(21, 51, 0),

(22, 52, 0),

(23, 49, 0),

(24, 53, 0),

(25, 54, 0),

(26, 47, 0),

(27, 55, 0),

(28, 57, 0),

(29, 56, 0),

(30, 44, 0),

(30, 52, 0),

(31, 44, 0),

(33, 7, 0),

(34, 44, 86),

(35, 44, 100),

(36, 44, 60),

(36, 50, 40),

(37, 44, 60);

INSERT INTO Composer(id\_bocal, id\_ingredient) VALUES

(1, 1),

(1, 2),

(1, 3),

(2, 1),

(2, 2),

(2, 3),

(3, 1),

(3, 2),

(3, 3),

(4, 1),

(4, 2),

(4, 3),

(8, 1),

(8, 2),

(8, 3),

(8, 4),

(9, 5),

(9, 6),

(9, 2),

(9, 4),

(9, 7),

(10, 8),

(10, 9),

(10, 2),

(10, 10),

(10, 3),

(11, 2),

(11, 11),

(11, 4),

(11, 3),

(12, 2),

(12, 4),

(12, 12),

(12, 3),

(13, 2),

(13, 4),

(13, 3),

(18, 2),

(18, 4),

(18, 3),

(19, 2),

(19, 4),

(19, 3),

(20, 6),

(20, 13),

(20, 14),

(21, 6),

(21, 13),

(21, 14),

(22, 6),

(22, 13),

(22, 14),

(23, 6),

(23, 13),

(23, 14),

(24, 6),

(24, 13),

(24, 14),

(25, 6),

(25, 13),

(25, 14),

(26, 6),

(26, 13),

(26, 14),

(27, 6),

(27, 13),

(27, 14),

(28, 6),

(28, 13),

(28, 14),

(29, 6),

(29, 13),

(29, 14),

(30, 6),

(30, 13),

(30, 14),

(31, 6),

(31, 13),

(31, 15),

(31, 14),

(33, 16),

(33, 6),

(33, 13),

(33, 17),

(33, 14),

(34, 6);

INSERT INTO Commercialiser(id\_bocal, id\_mois) VALUES

(1, 9),

(1, 10),

(1, 11),

(1, 12),

(1, 1),

(1, 2),

(1, 3),

(2, 9),

(2, 10),

(2, 11),

(2, 12),

(2, 1),

(2, 2),

(2, 3),

(3, 9),

(3, 10),

(3, 11),

(3, 12),

(3, 1),

(3, 2),

(3, 3),

(4, 9),

(4, 10),

(4, 11),

(4, 12),

(4, 1),

(4, 2),

(4, 3),

(8, 1),

(8, 2),

(8, 3),

(8, 4),

(8, 5),

(8, 6),

(8, 7),

(8, 8),

(8, 9),

(8, 10),

(8, 11),

(8, 12),

(9, 1),

(9, 2),

(9, 3),

(9, 4),

(9, 5),

(9, 6),

(9, 7),

(9, 8),

(9, 9),

(9, 10),

(9, 11),

(9, 12),

(10, 6),

(10, 7),

(10, 8),

(10, 9),

(10, 10),

(10, 11),

(10, 12),

(11, 6),

(11, 7),

(11, 8),

(11, 9),

(11, 10),

(11, 11),

(11, 12),

(12, 6),

(12, 7),

(12, 8),

(12, 9),

(12, 10),

(12, 11),

(12, 12),

(13, 6),

(13, 7),

(13, 8),

(13, 9),

(13, 10),

(13, 11),

(13, 12),

(18, 6),

(18, 7),

(18, 8),

(18, 9),

(18, 10),

(18, 11),

(18, 12),

(19, 6),

(19, 7),

(19, 8),

(19, 9),

(19, 10),

(19, 11),

(19, 12),

(20, 6),

(20, 7),

(20, 8),

(20, 9),

(22, 6),

(22, 7),

(22, 8),

(22, 9),

(23, 6),

(23, 7),

(23, 8),

(23, 9),

(27, 8),

(27, 9),

(27, 10),

(27, 11),

(27, 12),

(30, 9),

(30, 10),

(30, 11),

(30, 12),

(31, 9),

(31, 10),

(31, 11),

(31, 12),

(33, 9),

(33, 10),

(33, 11),

(33, 12),

(34, 9),

(34, 10),

(34, 11),

(34, 12),

(35, 9),

(35, 10),

(35, 11),

(35, 12),

(36, 9),

(36, 10),

(36, 11),

(36, 12),

(37, 9),

(37, 10),

(37, 11),

(37, 12);

INSERT INTO Ingredient(nom) VALUES

("Eau"),

("Huile d’olive d’origine Grèce"),

("Sel"),

("Ail"),

("Vinaigre"),

("Sucre de canne"),

("Épices"),

("Pois chiches"),

("Tahin"),

("Cumin"),

("Curry"),

("Jus de citron origine Italie"),

("Jus de citron"),

("Pectine"),

("Épices (Badiane, Cannelle)"),

("Jus et zestes d’orange"),

("Épices (Cannelle, Gingembre)");