CREATE TABLE PERSON(

PersonID INT AUTO\_INCREMENT Primary Key,

Password VARCHAR(255) NOT NULL,

FirstName VARCHAR(255) NOT NULL,

LastName VARCHAR(255) NOT NULL,

Phone INT,

Email VARCHAR(255) NOT NULL

);

CREATE TABLE OrderTypes (

TypeOfOrderID INT AUTO\_INCREMENT PRIMARY KEY,

TypeName VARCHAR(255)

);

CREATE TABLE Client(

PersonID INT Primary Key,

FOREIGN KEY (PersonID) REFERENCES Person(PersonID)

);

CREATE TABLE Sitter(

PersonID INT Primary Key,

FOREIGN KEY (PersonID) REFERENCES Person(PersonID)

);

CREATE TABLE Handler(

PersonID INT Primary Key,

FOREIGN KEY (PersonID) REFERENCES Person(PersonID)

);

CREATE TABLE Service(

OrderNumber INT AUTO\_INCREMENT Primary Key,

TypeOfOrderID INT NOT NULL,

DatePosted DATE NOT NULL,

DateDue DATE NOT NULL,

ServiceState VARCHAR(255) NOT NULL,

ClientID INT NOT NULL,

SitterID INT,

Archived BOOL NOT NULL,

FOREIGN KEY (TypeOfOrderID) REFERENCES OrderTypes(TypeOfOrderID),

FOREIGN KEY (ClientID) REFERENCES CLIENT(PersonID),

FOREIGN KEY (SitterID) REFERENCES SITTER(PersonID),

CHECK (ServiceState in ('Pending', 'Assigned', 'Completed'))

);

CREATE TABLE Comment(

CommentID INT AUTO\_INCREMENT PRIMARY KEY,

PersonID INT NOT NULL,

DatePosted DATE NOT NULL,

BodyText VARCHAR(255) NOT NULL,

OrderNumber INT NOT NULL,

IPAddress VARCHAR(255) NOT NULL,

FOREIGN KEY (PersonID) REFERENCES PERSON(PersonID)

);

ALTER TABLE Comment

ADD FOREIGN KEY(OrderNumber) REFERENCES Service(OrderNumber);

**/insert values into person**

INSERT INTO Person(Password, FirstName, LastName, Phone, Email)

VALUES ('Password', 'Joe', 'Bob', 1234567890, 'joebob@gmail.com');

INSERT INTO Person(Password, FirstName, LastName, Phone, Email)

VALUES ('Password', 'Jonny', 'Doe', 1234567891, 'jonnydoe@gmail.com');

INSERT INTO Person(Password, FirstName, LastName, Phone, Email)

VALUES ('Password', 'Dylan', 'Smith', 1234567892, 'dylansmith@gmail.com');

INSERT INTO Person(Password, FirstName, LastName, Phone, Email)

VALUES ('Password', 'Johnson', 'Cena', 0123456789, 'johnsoncena@gmail.com');

INSERT INTO Person(Password, FirstName, LastName, Phone, Email)

VALUES ('Password', 'Jamie', 'Ceci', 0123456790, 'jamiececi@gmail.com');

INSERT INTO Person(Password, FirstName, LastName, Phone, Email)

VALUES ('Password', 'London', 'Tipton', 0123456791, 'londontipton@gmail.com');

INSERT INTO Person(Password, FirstName, LastName, Phone, Email)

VALUES ('MoneyMoney', 'Money', 'Bags', 1111111111, 'moneybags@gmail.com');

INSERT INTO Person(Password, FirstName, LastName, Phone, Email)

VALUES ('Password', 'Alice', 'Johnson', 1234567893, 'alicejohnson@gmail.com');

INSERT INTO Person(Password, FirstName, LastName, Phone, Email)

VALUES ('Password', 'Bob', 'Smith', 1234567894, 'bobsmith@gmail.com');

INSERT INTO Person(Password, FirstName, LastName, Phone, Email)

VALUES ('Password', 'Lad', 'Bad', 1234567895, 'ladbad@gmail.com');

**//put each value into the right table**

INSERT INTO Client

VALUES (1);

INSERT INTO Client

VALUES (2);

INSERT INTO Client

VALUES (3);

INSERT INTO Sitter

VALUES(4);

INSERT INTO Sitter

VALUES(5);

INSERT INTO Sitter

VALUES(6);

INSERT INTO Handler

VALUES(7);

INSERT INTO Client

VALUES (8);

INSERT INTO Sitter

VALUES(9);

INSERT INTO Sitter

VALUES(10);

**//add order types**

INSERT INTO OrderTypes(TypeName)

VALUES('Dog walking');

INSERT INTO OrderTypes(TypeName)

VALUES('House Sitting');

INSERT INTO OrderTypes(TypeName)

VALUES( 'Check In');

INSERT INTO OrderTypes(TypeName)

VALUES( 'Food refill');

INSERT INTO OrderTypes(TypeName)

VALUES('Pet Grooming');

INSERT INTO OrderTypes(TypeName)

VALUES('Vet Visit');

**//add service**

INSERT INTO Service(TypeOfOrderID, DatePosted, DateDue, ServiceState, ClientID, Archived)

VALUES(1, '2023-12-31', '2024-01-15', 'Pending', 1, false);

INSERT INTO Service(TypeOfOrderID, DatePosted, DateDue, ServiceState, ClientID, SitterID, Archived)

VALUES(2, '2023-12-31', '2024-01-05', 'Assigned', 2, 4, false);

INSERT INTO Service(TypeOfOrderID, DatePosted, DateDue, ServiceState, ClientID, Archived)

VALUES(3, '2023-11-15', '2023-12-01', 'Completed', 3, true);

INSERT INTO Service(TypeOfOrderID, DatePosted, DateDue, ServiceState, ClientID, SitterID, Archived)

VALUES(4, '2023-11-25', '2023-12-10', 'Assigned', 1, 5, false);

INSERT INTO Service(TypeOfOrderID, DatePosted, DateDue, ServiceState, ClientID, Archived)

VALUES(5, '2023-12-15', '2024-01-10', 'Pending', 8, false);

INSERT INTO Service(TypeOfOrderID, DatePosted, DateDue, ServiceState, ClientID, SitterID, Archived)

VALUES(6, '2023-12-20', '2024-01-05', 'Assigned', 8, 9, false);