**Création de la base de donnés**

CREATE DATABASE IF NOT EXISTS hypnos\_bdd;

**Création des différentes tables**

CREATE TABLE IF NOT EXISTS User\_Ref(

ID INTEGER NOT NULL AUTO\_INCREMENT,

Label VARCHAR(250) NOT NULL,

PRIMARY KEY(ID)

);

CREATE TABLE IF NOT EXISTS User(

ID INTEGER NOT NULL AUTO\_INCREMENT,

Name VARCHAR(250) NOT NULL,

Firstname VARCHAR(250) NOT NULL,

Mail VARCHAR(250) NOT NULL,

Password VARCHAR(250) NOT NULL,

Role INTEGER NOT NULL,

FOREIGN KEY(Role) REFERENCES User\_Ref(ID),

PRIMARY KEY(ID)

);

CREATE TABLE IF NOT EXISTS Establishment(

ID INTEGER NOT NULL AUTO\_INCREMENT,

Address VARCHAR(250) NOT NULL,

City VARCHAR(250) NOT NULL,

Name VARCHAR(250) NOT NULL,

Manager INTEGER NOT NULL,

FOREIGN KEY(Manager) REFERENCES User(ID),

PRIMARY KEY(ID)

);

CREATE TABLE IF NOT EXISTS Suite(

ID INTEGER NOT NULL AUTO\_INCREMENT,

Title VARCHAR(250) NOT NULL,

Establishment INTEGER NOT NULL,

Price DECIMAL NOT NULL,

IsOccupied BOOLEAN NOT NULL,

BookingLink VARCHAR(250) NOT NULL,

Description VARCHAR(1000) NOT NULL,

MainPic VARCHAR(250) NOT NULL,

Gallery VARCHAR(250) NOT NULL,

Gallery2 VARCHAR(250) NOT NULL,

Gallery3 VARCHAR(250) NOT NULL,

FOREIGN KEY(Establishment) REFERENCES Establishment(ID),

PRIMARY KEY(ID)

);

CREATE TABLE IF NOT EXISTS SubjectMessage\_Ref(

ID INTEGER NOT NULL AUTO\_INCREMENT,

Label VARCHAR(250) NOT NULL,

PRIMARY KEY(ID)

);

CREATE TABLE IF NOT EXISTS Message(

ID INTEGER NOT NULL AUTO\_INCREMENT,

Name VARCHAR(250) NOT NULL,

Firstname VARCHAR(250) NOT NULL,

Mail VARCHAR(250) NOT NULL,

MessageBody VARCHAR(1000) NOT NULL,

Recipient INTEGER NOT NULL,

Subject INTEGER NOT NULL,

FOREIGN KEY(Recipient) REFERENCES User(ID),

FOREIGN KEY(Subject) REFERENCES SubjectMessage\_Ref(ID),

PRIMARY KEY(ID)

);

CREATE TABLE IF NOT EXISTS Booking(

ID INTEGER NOT NULL AUTO\_INCREMENT,

StartingDate DATE NOT NULL,

EndingDate DATE NOT NULL,

Suite INTEGER NOT NULL,

Client INTEGER NOT NULL,

FOREIGN KEY(Suite) REFERENCES Suite(ID),

FOREIGN KEY(Client) REFERENCES User(ID),

PRIMARY KEY(ID)

);

**Création des roles Utilisateurs.**

INSERT INTO User\_Ref (Label) VALUES('Admin');

INSERT INTO User\_Ref (Label) VALUES('Manager');

INSERT INTO User\_Ref (Label) VALUES('Client');

**Création de l’administrateur**

INSERT INTO User(Name, Firstname, Mail, Password, Role) VALUES('Doerr', 'Zoran', 'doerrzoran@gmail.com', 'motdepasse', 1);

**Création des gérants**

INSERT INTO User(Name, FirstName, Mail, Password, Role) VALUES('Duclain', 'Bob', 'bob.duclain@mail.com', 'motdepasseBD', 2);

INSERT INTO User(Name, FirstName, Mail, Password, Role) VALUES('Vison', 'George', 'george.vison@mail.com', 'motdepasseGV', 2);

INSERT INTO User(Name, FirstName, Mail, Password, Role) VALUES('Lemaitre', 'Pierre', 'pierre.lemaitre@mail.com', 'motdepassePL', 2);

INSERT INTO User(Name, FirstName, Mail, Password, Role) VALUES('Boutella', 'Salim', 'salim.boutella@mail.com', 'motdepasseSB', 2);

INSERT INTO User(Name, FirstName, Mail, Password, Role) VALUES('Wise', 'John', 'john.wise@mail.com', 'motdepasseJW', 2);

INSERT INTO User(Name, FirstName, Mail, Password, Role) VALUES('Da Costa', 'Ryan', 'ryan.dacosta@mail.com', 'motdepasseRD', 2);

INSERT INTO User(Name, FirstName, Mail, Password, Role) VALUES('Vigneux', 'Armand', 'armand.vigneux@mail.com', 'motdepasseAV', 2)

**Création des établissements**

INSERT INTO Establishment(Address, City, Name, Manager) VALUES('31 rue de la voie', 'Paris 5em', 'Hotel Hypnos Paris', 2);

INSERT INTO Establishment(Address, City, Name, Manager) VALUES('25 rue des mouettes', 'Bordeaux', 'Hotel Hypnos Bordeaux', 3);

INSERT INTO Establishment(Address, City, Name, Manager) VALUES('17 rue du phare', 'saint-malo', 'Hotel Hypnos Saint-Malo', 4);

INSERT INTO Establishment(Address, City, Name, Manager) VALUES('29 rue du fort', 'La rochelle', 'Hotel Hypnos La rochelle', 5);

INSERT INTO Establishment(Address, City, Name, Manager) VALUES('60 rue des cygales', 'Nice', 'Hotel Hypnos Nice', 6);

INSERT INTO Establishment(Address, City, Name, Manager) VALUES('40 rue Bonchard', 'Cherbourg', 'Hotel Hypnos Cherbourg', 7);

INSERT INTO Establishment(Address, City, Name, Manager) VALUES('5 allée de la rue', 'Bayonne', 'Hotel Hypnos Bayonne', 8);

**Création des suites**

INSERT INTO User\_Ref (Label) VALUES('Admin');

INSERT INTO User\_Ref (Label) VALUES('Manager');

INSERT INTO User\_Ref (Label) VALUES('Client');

**Création des sujets de message**

INSERT INTO subjectmessage\_ref (Label) VALUES('Je souhaite poser une reclamation');

INSERT INTO subjectmessage\_ref (Label) VALUES('Je souhaite commander un service supplémentaire');

INSERT INTO subjectmessage\_ref (Label) VALUES('Je souhaite en savoir plus sur une suite');

INSERT INTO subjectmessage\_ref (Label) VALUES("J'ai un soucis avec cette application");