CREATE TABLE Guest (

guest\_id INT NOT NULL AUTO\_INCREMENT,

guest\_first\_name VARCHAR(50) NOT NULL,

guest\_last\_name VARCHAR(50) NOT NULL,

guest\_email VARCHAR(100),

guest\_phone VARCHAR(20),

PRIMARY KEY (guest\_id)

);

CREATE TABLE Reservation (

reservation\_id INT NOT NULL AUTO\_INCREMENT,

guest\_first\_name VARCHAR(50) NOT NULL,

guest\_last\_name VARCHAR(50) NOT NULL,

guest\_email VARCHAR(100),

guest\_phone VARCHAR(20),

room\_number VARCHAR(10) NOT NULL,

room\_type VARCHAR(50) NOT NULL,

room\_description TEXT,

room\_capacity INT NOT NULL,

room\_price DECIMAL(10,2) NOT NULL,

room\_status VARCHAR(50) NOT NULL,

start\_date DATE NOT NULL,

end\_date DATE NOT NULL,

total\_price DECIMAL(10,2),

PRIMARY KEY (reservation\_id)

);

CREATE TABLE Room (

room\_id INT NOT NULL AUTO\_INCREMENT,

room\_number VARCHAR(10) NOT NULL,

room\_type VARCHAR(50) NOT NULL,

room\_description TEXT,

room\_capacity INT NOT NULL,

room\_price DECIMAL(10,2) NOT NULL,

room\_status VARCHAR(50) NOT NULL,

PRIMARY KEY (room\_id)

);

CREATE TABLE Check\_In (

check\_in\_id INT NOT NULL AUTO\_INCREMENT,

guest\_first\_name VARCHAR(50) NOT NULL,

guest\_last\_name VARCHAR(50) NOT NULL,

guest\_email VARCHAR(100),

guest\_phone VARCHAR(20),

room\_number VARCHAR(10) NOT NULL,

check\_in\_time DATETIME NOT NULL,

PRIMARY KEY (check\_in\_id)

);

CREATE TABLE Check\_Out (

check\_out\_id INT NOT NULL AUTO\_INCREMENT,

guest\_first\_name VARCHAR(50) NOT NULL,

guest\_last\_name VARCHAR(50) NOT NULL,

guest\_email VARCHAR(100),

guest\_phone VARCHAR(20),

room\_number VARCHAR(10) NOT NULL,

check\_out\_time DATETIME NOT NULL,

PRIMARY KEY (check\_out\_id)

);

CREATE TABLE Billing (

billing\_id INT NOT NULL AUTO\_INCREMENT,

guest\_first\_name VARCHAR(50) NOT NULL,

guest\_last\_name VARCHAR(50) NOT NULL,

guest\_email VARCHAR(100),

guest\_phone VARCHAR(20),

room\_number VARCHAR(10) NOT NULL,

start\_date DATE NOT NULL,

end\_date DATE NOT NULL,

total\_price DECIMAL(10,2),

PRIMARY KEY (billing\_id)

);

CREATE TABLE Payment\_Method (

payment\_method\_id INT NOT NULL AUTO\_INCREMENT,

payment\_method\_name VARCHAR(50) NOT NULL,

PRIMARY KEY (payment\_method\_id)

);

CREATE TABLE Payment\_Status (

payment\_status\_id INT NOT NULL AUTO\_INCREMENT,

payment\_status\_name VARCHAR(50) NOT NULL,

PRIMARY KEY (payment\_status\_id)

);

CREATE TABLE Employee (

employee\_id INT NOT NULL AUTO\_INCREMENT,

employee\_first\_name VARCHAR(50) NOT NULL,

employee\_last\_name VARCHAR(50) NOT NULL,

employee\_email VARCHAR(100),

employee\_phone VARCHAR(20),

department\_name VARCHAR(50) NOT NULL,

position\_name VARCHAR(50) NOT NULL,

shift\_name VARCHAR(50) NOT NULL,

PRIMARY KEY (employee\_id)

);

CREATE TABLE Schedule (

schedule\_id INT NOT NULL AUTO\_INCREMENT,

employee\_first\_name VARCHAR(50) NOT NULL,

employee\_last\_name VARCHAR(50) NOT NULL,

employee\_email VARCHAR(100),

employee\_phone VARCHAR(20),

shift\_name VARCHAR(50) NOT NULL,

schedule\_date DATE NOT NULL,

PRIMARY KEY (schedule\_id)

);

The table names are:

- Guest

- Reservation

- Room

- Check\_In

- Check\_Out

- Billing

- Payment\_Method

- Payment\_Status

- Employee

- Schedule