"""

CREATE TABLE users (

user\_id INT PRIMARY KEY,

first\_name VARCHAR(50),

last\_name VARCHAR(50),

age INT,

gender VARCHAR(15),

nationality VARCHAR(25),

email VARCHAR(100),

phone VARCHAR(30)

);

""",

"""

CREATE TABLE user\_itinerary (

trip\_id INT PRIMARY KEY,

user\_id INT,

city VARCHAR(30),

country VARCHAR(30),

start\_date DATE,

end\_date DATE,

duration INT,

accommodation\_type VARCHAR(20),

accommodation\_cost VARCHAR(20),

transportation\_type VARCHAR(20),

transportation\_cost VARCHAR(20),

FOREIGN KEY (user\_id) REFERENCES users (user\_id)

);

""",

"""

CREATE TABLE hotel (

hotel\_id INT PRIMARY KEY,

hotel\_name VARCHAR(35),

city\_id INT,

contact\_number VARCHAR(30),

address VARCHAR(100),

starrating VARCHAR(10)

);

""",

"""

CREATE TABLE room (

room\_id INT PRIMARY KEY,

hotel\_id INT,

room\_number VARCHAR(10),

room\_type VARCHAR(50),

room\_price INT,

occupancy\_limit INT,

room\_status BOOLEAN,

FOREIGN KEY (hotel\_id) REFERENCES hotel (hotel\_id)

);

""",

"""

CREATE TABLE hotel\_reservation (

reservation\_id INT PRIMARY KEY,

user\_id INT,

number\_of\_occupants INT,

hotel\_id INT,

room\_id INT,

check\_in\_date DATE,

check\_out\_date DATE,

total\_price DECIMAL(10,2),

FOREIGN KEY (user\_id) REFERENCES users (user\_id),

FOREIGN KEY (hotel\_id) REFERENCES hotel (hotel\_id),

FOREIGN KEY (room\_id) REFERENCES room (room\_id)

);

""",

"""

CREATE TABLE supplier (

supplier\_id INT PRIMARY KEY,

supplier\_name VARCHAR(100),

supplier\_address VARCHAR(200),

supplier\_location\_type VARCHAR(50),

contact\_number VARCHAR(30)

);

""",

"""

CREATE TABLE car (

car\_id INT PRIMARY KEY,

car\_name VARCHAR(100),

airbags INT,

aircon INT,

doors INT,

groups VARCHAR(50),

seats INT,

transmission VARCHAR(50),

mileage VARCHAR(50),

rental\_price\_per\_day NUMERIC(10, 2)

);

""",

"""

CREATE TABLE car\_reservation (

reservation\_id INT PRIMARY KEY,

user\_id INT REFERENCES users(user\_id),

car\_id INT REFERENCES car(car\_id),

supplier\_id INT REFERENCES supplier(supplier\_id),

city VARCHAR(100),

rental\_length INTEGER,

start\_time TIMESTAMP,

return\_time TIMESTAMP,

deposit\_price NUMERIC(10, 2),

drive\_away\_price NUMERIC(10, 2),

price NUMERIC(10, 2),

currency VARCHAR(10),

rundate TIMESTAMP

);

""",

"""

CREATE TABLE airline (

airline\_id INT PRIMARY KEY,

airline\_name VARCHAR(100),

country\_id INT,

headquarters VARCHAR(100),

contact\_number VARCHAR(30)

);

""",

"""

CREATE TABLE airport (

airport\_id INT PRIMARY KEY,

airport\_name VARCHAR(100),

city\_id INT,

country\_id INT,

IATA\_code VARCHAR(3),

coordinates VARCHAR(50)

);

""",

"""

CREATE TABLE flight (

flight\_id INT PRIMARY KEY,

airline\_id INT,

departure\_airport\_id INT,

departure\_time TIMESTAMP,

arrival\_airport\_id INT,

arrival\_time TIMESTAMP,

stops INT,

equipment VARCHAR(100),

FOREIGN KEY (airline\_id) REFERENCES airline (airline\_id),

FOREIGN KEY (departure\_airport\_id) REFERENCES airport (airport\_id),

FOREIGN KEY (arrival\_airport\_id) REFERENCES airport (airport\_id)

);

""",

"""

CREATE TABLE flight\_reservation (

reservation\_id INT PRIMARY KEY,

user\_id INT,

flight\_id INT,

flight\_time TIMESTAMP,

route VARCHAR(50),

flight\_duration FLOAT,

FOREIGN KEY (user\_id) REFERENCES users (user\_id),

FOREIGN KEY (flight\_id) REFERENCES flight (flight\_id)

);

""",

"""

CREATE TABLE booking (

booking\_id INT PRIMARY KEY,

is\_group\_booking BOOLEAN DEFAULT FALSE,

group\_name VARCHAR(255),

user\_id INT,

hotel\_reservation\_id INT,

hotel\_id INT,

hotel\_price DECIMAL(10,2),

car\_reservation\_id INT,

car\_id INT,

car\_price NUMERIC(10, 2) ,

flight\_reservation\_id INT,

flight\_id INT,

flight\_price NUMERIC(10, 2),

FOREIGN KEY (user\_id) REFERENCES users (user\_id),

FOREIGN KEY (hotel\_reservation\_id) REFERENCES hotel\_reservation (reservation\_id),

FOREIGN KEY (hotel\_id) REFERENCES hotel (hotel\_id),

FOREIGN KEY (car\_reservation\_id) REFERENCES car\_reservation (reservation\_id),

FOREIGN KEY (car\_id) REFERENCES car (car\_id),

FOREIGN KEY (flight\_reservation\_id) REFERENCES flight\_reservation (reservation\_id),

FOREIGN KEY (flight\_id) REFERENCES flight (flight\_id)

);

""",

"""

CREATE TABLE booking\_segment (

booking\_id INT NOT NULL,

flight\_id INT NOT NULL,

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

FOREIGN KEY (booking\_id) REFERENCES booking (booking\_id),

FOREIGN KEY (flight\_id) REFERENCES flight (flight\_id),

PRIMARY KEY (booking\_id, flight\_id)

);

""",

"""

CREATE TABLE payment (

payment\_id INT PRIMARY KEY,

booking\_id INT,

amount DECIMAL(10, 2),

payment\_date DATE,

FOREIGN KEY (booking\_id) REFERENCES booking (booking\_id)

);

"""