-- Create ROLE table

CREATE TABLE ROLE (

ROLE\_ID INT AUTO\_INCREMENT PRIMARY KEY,

ROLE\_NAME VARCHAR(255) NOT NULL

);

-- Create SECURITY\_QUESTION table

CREATE TABLE SECURITY\_QUESTION (

SECURITY\_QUESTION\_ID INT AUTO\_INCREMENT PRIMARY KEY,

SECURITY\_QUESTION VARCHAR(255) NOT NULL

);

-- Create USER table

CREATE TABLE USER (

USER\_ID INT AUTO\_INCREMENT PRIMARY KEY,

NAME VARCHAR(255) NOT NULL,

EMAIL VARCHAR(255) NOT NULL UNIQUE,

PHONE VARCHAR(20),

AGE INT,

GENDER VARCHAR(10),

ADDRESS TEXT,

PASSWORD VARCHAR(255) NOT NULL,

SECURITY\_QUESTION\_ID INT NOT NULL,

SECURITY\_ANSWER VARCHAR(255) NOT NULL,

ROLE\_ID INT,

CREATED\_AT TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

UPDATED\_AT TIMESTAMP DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

FOREIGN KEY (ROLE\_ID) REFERENCES ROLE(ROLE\_ID),

FOREIGN KEY (SECURITY\_QUESTION\_ID) REFERENCES SECURITY\_QUESTION(SECURITY\_QUESTION\_ID)

);

-- Create PACKAGE table

CREATE TABLE PACKAGE (

PACKAGE\_ID INT AUTO\_INCREMENT PRIMARY KEY,

PACKAGE\_NAME VARCHAR(255) NOT NULL,

IMAGE VARCHAR(255),

STARTING\_PRICE DECIMAL(10, 2) NOT NULL

);

-- Create CITIES table

CREATE TABLE CITIES (

CITY\_ID INT AUTO\_INCREMENT PRIMARY KEY,

PACKAGE\_ID INT NOT NULL,

CITY\_NAME VARCHAR(255) NOT NULL,

IMAGE VARCHAR(255),

DURATION INT,

STARTING\_DATE DATE,

ENDING\_DATE DATE,

DAY\_1\_DESCRIPTION TEXT,

DAY\_2\_DESCRIPTION TEXT,

DAY\_3\_DESCRIPTION TEXT,

CITY\_PRICE DECIMAL(10, 2) NOT NULL,

FOREIGN KEY (PACKAGE\_ID) REFERENCES PACKAGE(PACKAGE\_ID)

);

-- Create HOTELS table

CREATE TABLE HOTELS (

HOTEL\_ID INT AUTO\_INCREMENT PRIMARY KEY,

CITY\_ID INT NOT NULL,

NAME VARCHAR(255) NOT NULL,

ADDRESS TEXT,

CHECK\_IN\_DATE DATE,

CHECK\_OUT\_DATE DATE,

RATE\_PER\_PERSON DECIMAL(10, 2) NOT NULL,

STAR\_RATING INT,

FOREIGN KEY (CITY\_ID) REFERENCES CITIES(CITY\_ID)

);

-- Create FLIGHT table

CREATE TABLE FLIGHT (

FLIGHT\_ID INT AUTO\_INCREMENT PRIMARY KEY,

CITY\_ID INT NOT NULL,

SOURCE VARCHAR(255) NOT NULL,

DESTINATION VARCHAR(255) NOT NULL,

SCHEDULED\_DATE DATE NOT NULL,

DEPARTURE\_TIME TIME NOT NULL,

ARRIVAL\_TIME TIME NOT NULL,

RATES DECIMAL(10, 2) NOT NULL,

FOREIGN KEY (CITY\_ID) REFERENCES CITIES(CITY\_ID)

);

-- Create BOOKING table

CREATE TABLE BOOKING (

BOOKING\_ID INT AUTO\_INCREMENT PRIMARY KEY,

USER\_ID INT,

CITY\_ID INT,

HOTEL\_ID INT,

FLIGHT\_ID INT,

TOTAL\_PRICE DECIMAL(10, 2),

STATUS VARCHAR(50),

BOOKING\_DATE TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (USER\_ID) REFERENCES USER(USER\_ID),

FOREIGN KEY (CITY\_ID) REFERENCES CITIES(CITY\_ID),

FOREIGN KEY (HOTEL\_ID) REFERENCES HOTELS(HOTEL\_ID),

FOREIGN KEY (FLIGHT\_ID) REFERENCES FLIGHT(FLIGHT\_ID)

);

-- Create TRANSACTION table

CREATE TABLE TRANSACTION (

TRANSACTION\_ID INT AUTO\_INCREMENT PRIMARY KEY,

BOOKING\_ID INT,

PAYMENT\_DATE TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

AMOUNT DECIMAL(10, 2),

FOREIGN KEY (BOOKING\_ID) REFERENCES BOOKING(BOOKING\_ID)

);

-- Create PASSENGER table

CREATE TABLE PASSENGER (

PASSENGER\_ID INT AUTO\_INCREMENT PRIMARY KEY,

BOOKING\_ID INT,

NAME VARCHAR(255) NOT NULL,

AGE INT,

GENDER VARCHAR(10),

ADDRESS TEXT,

DOCUMENT\_NAME VARCHAR(255),

DOCUMENT\_ID VARCHAR(255),

FOREIGN KEY (BOOKING\_ID) REFERENCES BOOKING(BOOKING\_ID)

);