USE TechCart\_TravelDB;

GO

CREATE TABLE Categories (

CategoryID INT PRIMARY KEY IDENTITY(1,1),

CategoryName VARCHAR(50) NOT NULL,

Description VARCHAR(200) NULL

);

CREATE TABLE Destinations (

DestinationID INT PRIMARY KEY IDENTITY(1,1),

Destination VARCHAR(100) NOT NULL,

Description VARCHAR(500) NOT NULL,

Price DECIMAL(10,2) NOT NULL,

AvailableSeats INT NOT NULL,

CategoryID INT NOT NULL,

DepartureDate DATETIME NOT NULL,

ReturnDate DATETIME NULL,

ImageURL VARCHAR(255) NULL,

FOREIGN KEY (CategoryID) REFERENCES Categories(CategoryID)

);

GO

CREATE TABLE Users (

UserID INT PRIMARY KEY IDENTITY(1,1),

Username VARCHAR(50) NOT NULL UNIQUE,

PasswordHash VARCHAR(255) NOT NULL,

Email VARCHAR(100) NOT NULL UNIQUE,

Role VARCHAR(20) NOT NULL DEFAULT 'Customer',

CreatedAt DATETIME NOT NULL

);

GO

CREATE TABLE Bookings (

BookingID INT PRIMARY KEY IDENTITY(1,1),

UserID INT NOT NULL,

DestinationID INT NOT NULL,

BookingDate DATETIME NOT NULL,

TotalAmount DECIMAL(10,2) NOT NULL,

Status VARCHAR(20) NOT NULL,

NumTravelers INT NOT NULL,

FOREIGN KEY (UserID) REFERENCES Users(UserID),

FOREIGN KEY (DestinationID) REFERENCES Destinations(DestinationID)

);

GO

CREATE TABLE Cart (

CartID INT PRIMARY KEY IDENTITY(1,1),

UserID INT NOT NULL,

DestinationID INT NOT NULL,

NumTravelers INT NOT NULL,

AddedDate DATETIME NOT NULL,

FOREIGN KEY (UserID) REFERENCES Users(UserID),

FOREIGN KEY (DestinationID) REFERENCES Destinations(DestinationID)

);

GO

-- Insert Sample Data for Categories

INSERT INTO Categories (CategoryName, Description) VALUES

('Adventure', 'Outdoor and thrilling experiences'),

('Cultural', 'Explore history and traditions'),

('Beach', 'Relax by the seaside');

-- Insert Updated Data for Destinations

INSERT INTO Destinations (Destination, Description, Price, AvailableSeats, CategoryID, DepartureDate, ReturnDate, ImageURL) VALUES

('Bali', 'Explore beaches and temples', 1200.00, 20, 3, '2025-08-15', '2025-08-22', 'Images/bali.jpg'),

('Machu Picchu', 'Hike the Inca Trail', 2500.00, 10, 1, '2025-09-01', '2025-09-08', 'Images/machu.jpg'),

('Thailand', 'Discover vibrant markets and temples', 1500.00, 15, 2, '2025-10-01', '2025-10-07', 'Images/thailand.jpg'),

('Singapore', 'Experience modern architecture and gardens', 1800.00, 12, 2, '2025-11-15', '2025-11-20', 'Images/singapore.jpg'),

('Dubai', 'Explore skyscrapers and desert adventures', 2200.00, 18, 1, '2025-12-01', '2025-12-08', 'Images/dubai.jpg');

-- Insert Sample Data for Users

INSERT INTO Users (Username, PasswordHash, Email, Role, CreatedAt) VALUES

('admin', 'hashedpassword123', 'admin@wander.com', 'Admin', GETDATE()),

('customer1', 'hashedpassword456', 'customer1@wander.com', 'Customer', GETDATE());

GO