

```
DROP TABLE Emergency;
DROP TABLE Meal;
DROP TABLE Notification;
DROP TABLE Cancellation;
DROP TABLE Payment;
DROP TABLE Ticket;
DROP TABLE Booking;
DROP TABLE Flight;
DROP TABLE Airport;
DROP TABLE Admin;
DROP TABLE App_User;
```

```
CREATE TABLE app_user(
    UserID INT PRIMARY KEY,
    Name VARCHAR2(50),
    Surname VARCHAR2(50),
    Email VARCHAR2(100) UNIQUE,
    Password VARCHAR2(100)
);
```

```
CREATE TABLE Admin (
    AdminID INT PRIMARY KEY,
    Name VARCHAR2(50),
    Surname VARCHAR2(50),
    Role VARCHAR2(50),
    Contact VARCHAR2(50),
    Password VARCHAR2(100)
);
```

```
CREATE TABLE Airport (
    AirportID INT PRIMARY KEY,
    Name VARCHAR2(100),
    Location VARCHAR2(100),
    Code VARCHAR2(10) UNIQUE
);
```

```
CREATE TABLE Flight (
    FlightID INT PRIMARY KEY,
    SourceAirportID INT,
    DestinationAirportID INT,
    DepartureTime DATE,
    ArrivalTime DATE,
    SeatCapacity INT,
    FOREIGN KEY (SourceAirportID) REFERENCES Airport(AirportID),
    FOREIGN KEY (DestinationAirportID) REFERENCES Airport(AirportID)
);
```

```
CREATE TABLE Booking (  
    BookingID INT PRIMARY KEY,  
    UserID INT,  
    FlightID INT,  
    SeatNo INT,  
    PaymentStatus VARCHAR2(50),  
    FOREIGN KEY (UserID) REFERENCES App_User(UserID),  
    FOREIGN KEY (FlightID) REFERENCES Flight(FlightID)  
);
```

```
CREATE TABLE Ticket (  
    TicketID INT PRIMARY KEY,  
    BookingID INT UNIQUE,  
    TicketNumber VARCHAR2(20) UNIQUE,  
    IssueDate DATE,  
    FOREIGN KEY (BookingID) REFERENCES Booking(BookingID)  
);
```

```
CREATE TABLE Payment (  
    TransactionID INT PRIMARY KEY,  
    BookingID INT UNIQUE,  
    Amount DECIMAL(10,2),  
    Method VARCHAR2(50),  
    Timestamp DATE,  
    FOREIGN KEY (BookingID) REFERENCES Booking(BookingID)  
);
```

```
CREATE TABLE Cancellation (  
    CancellationID INT PRIMARY KEY,  
    BookingID INT UNIQUE,  
    Reason VARCHAR2(255),  
    RefundAmount DECIMAL(10,2),  
    CancellationDate DATE,  
    FOREIGN KEY (BookingID) REFERENCES Booking(BookingID)  
);
```

```
CREATE TABLE Notification (  
    NotificationID INT PRIMARY KEY,  
    UserID INT,  
    AdminID INT,  
    Message VARCHAR2(500),  
    Timestamp DATE,  
    ReadStatus CHAR(1) CHECK (ReadStatus IN ('Y', 'N')),  
    FOREIGN KEY (UserID) REFERENCES App_User(UserID),  
    FOREIGN KEY (AdminID) REFERENCES Admin(AdminID)  
);
```

```

CREATE TABLE Meal (
    MealID INT PRIMARY KEY,
    FlightID INT,
    Name VARCHAR2(100),
    Type VARCHAR2(50),
    Price DECIMAL(10,2),
    FOREIGN KEY (FlightID) REFERENCES Flight(FlightID)
);

```

```

CREATE TABLE Emergency (
    EmergencyID INT PRIMARY KEY,
    FlightID INT,
    Type VARCHAR2(100),
    Description VARCHAR2(500),
    ReportedTime DATE,
    FOREIGN KEY (FlightID) REFERENCES Flight(FlightID)
);

```

-- Airports

```

INSERT INTO Airport VALUES (1, 'Indira Gandhi International Airport', 'New Delhi', 'DEL');
INSERT INTO Airport VALUES (2, 'Kempegowda International Airport', 'Bengaluru', 'BLR');
INSERT INTO Airport VALUES (3, 'Chhatrapati Shivaji Maharaj International Airport',
'Mumbai', 'BOM');
INSERT INTO Airport VALUES (4, 'Chennai International Airport', 'Chennai', 'MAA');
INSERT INTO Airport VALUES (5, 'Dubai International Airport', 'Dubai', 'DXB');

```

-- App_Users

```

INSERT INTO app_user VALUES (1, 'saksham', 'gupta', 'saksham.gupta@email.com', '123');
INSERT INTO app_user VALUES (2, 'Rahul', 'Sharma', 'rahul.sharma@email.com',
'password123');
INSERT INTO app_user VALUES (3, 'Priya', 'Patel', 'priya.patel@email.com', 'secure456');
INSERT INTO app_user VALUES (4, 'Amit', 'Singh', 'amit.singh@email.com', 'amit789');

```

-- Admins

```

INSERT INTO Admin VALUES (1, 'Admin', 'User', 'System Administrator', '+91-9876543210',
'admin123');
INSERT INTO Admin VALUES (2, 'Tech', 'Support', 'Technical Support', '+91-8765432109',
'tech456');

```

-- Flights (Dates shifted to start from 24-Apr)

```

INSERT INTO Flight VALUES (101, 1, 2, TO_DATE('24-APR-2025 08:00:00',
'DD-MON-YYYY HH24:MI:SS'),
TO_DATE('24-APR-2025 10:30:00', 'DD-MON-YYYY HH24:MI:SS'), 180);
INSERT INTO Flight VALUES (102, 2, 1, TO_DATE('24-APR-2025 12:00:00',
'DD-MON-YYYY HH24:MI:SS'),
TO_DATE('24-APR-2025 14:30:00', 'DD-MON-YYYY HH24:MI:SS'), 180);

```

```

INSERT INTO Flight VALUES (103, 1, 3, TO_DATE('25-APR-2025 09:30:00',
'DD-MON-YYYY HH24:MI:SS'),
        TO_DATE('25-APR-2025 11:45:00', 'DD-MON-YYYY HH24:MI:SS'), 220);
INSERT INTO Flight VALUES (104, 3, 1, TO_DATE('25-APR-2025 15:00:00',
'DD-MON-YYYY HH24:MI:SS'),
        TO_DATE('25-APR-2025 17:15:00', 'DD-MON-YYYY HH24:MI:SS'), 220);
INSERT INTO Flight VALUES (105, 2, 4, TO_DATE('26-APR-2025 10:00:00',
'DD-MON-YYYY HH24:MI:SS'),
        TO_DATE('26-APR-2025 12:00:00', 'DD-MON-YYYY HH24:MI:SS'), 150);
INSERT INTO Flight VALUES (106, 1, 5, TO_DATE('27-APR-2025 01:30:00',
'DD-MON-YYYY HH24:MI:SS'),
        TO_DATE('27-APR-2025 04:45:00', 'DD-MON-YYYY HH24:MI:SS'), 300);

```

-- Bookings

```

INSERT INTO Booking VALUES (1001, 1, 101, 12, 'Paid');
INSERT INTO Booking VALUES (1002, 1, 103, 24, 'Paid');
INSERT INTO Booking VALUES (1003, 2, 102, 15, 'Paid');
INSERT INTO Booking VALUES (1004, 3, 105, 8, 'Paid');

```

-- Tickets (shifted issue dates by +40 days)

```

INSERT INTO Ticket VALUES (2001, 1001, 'TKT123456', TO_DATE('24-APR-2025',
'DD-MON-YYYY'));
INSERT INTO Ticket VALUES (2002, 1002, 'TKT123457', TO_DATE('25-APR-2025',
'DD-MON-YYYY'));
INSERT INTO Ticket VALUES (2003, 1003, 'TKT123458', TO_DATE('26-APR-2025',
'DD-MON-YYYY'));
INSERT INTO Ticket VALUES (2004, 1004, 'TKT123459', TO_DATE('27-APR-2025',
'DD-MON-YYYY'));

```

-- Payments

```

INSERT INTO Payment VALUES (3001, 1001, 8500.50, 'Credit Card',
TO_DATE('24-APR-2025', 'DD-MON-YYYY'));
INSERT INTO Payment VALUES (3002, 1002, 9200.75, 'Debit Card',
TO_DATE('25-APR-2025', 'DD-MON-YYYY'));
INSERT INTO Payment VALUES (3003, 1003, 7800.00, 'UPI', TO_DATE('26-APR-2025',
'DD-MON-YYYY'));
INSERT INTO Payment VALUES (3004, 1004, 8100.25, 'Credit Card',
TO_DATE('27-APR-2025', 'DD-MON-YYYY'));

```

```

INSERT INTO Notification VALUES (4001, 1, 1, 'Your upcoming flight to Bengaluru is on
schedule.',

```

```

        TO_DATE('23-APR-2025 10:00:00', 'DD-MON-YYYY HH24:MI:SS'), 'N');
INSERT INTO Notification VALUES (4002, 1, 1, 'Check-in for your Mumbai flight is now
open.',

```

```

        TO_DATE('24-APR-2025 08:00:00', 'DD-MON-YYYY HH24:MI:SS'), 'N');
INSERT INTO Notification VALUES (4003, null, 1, 'All flights to Chennai on May 2 have been
rescheduled due to weather conditions.',
        TO_DATE('25-APR-2025 16:30:00', 'DD-MON-YYYY HH24:MI:SS'), 'N');

```

-- Meals

```
INSERT INTO Meal VALUES (5001, 101, 'Vegetarian Meal', 'Veg', 450.00);
INSERT INTO Meal VALUES (5002, 101, 'Non-Vegetarian Meal', 'Non-Veg', 550.00);
INSERT INTO Meal VALUES (5003, 101, 'Jain Meal', 'Special', 500.00);
INSERT INTO Meal VALUES (5004, 102, 'Vegetarian Meal', 'Veg', 450.00);
INSERT INTO Meal VALUES (5005, 102, 'Non-Vegetarian Meal', 'Non-Veg', 550.00);
```

-- Emergency

```
INSERT INTO Emergency VALUES (6001, 101, 'Medical', 'Passenger reported chest pain,
emergency landing required',
    TO_DATE('24-APR-2025 10:15:00', 'DD-MON-YYYY HH24:MI:SS'));
INSERT INTO Emergency VALUES (6002, 103, 'Technical', 'Minor electrical issue reported
by crew, fixed during flight',
    TO_DATE('25-APR-2025 14:30:00', 'DD-MON-YYYY HH24:MI:SS'));
```

-- App_Users

```
INSERT INTO app_user VALUES (5, 'Neha', 'Kapoor', 'neha.kapoor@email.com',
'neha456');
INSERT INTO app_user VALUES (6, 'Karan', 'Verma', 'karan.verma@email.com',
'karan123');
INSERT INTO app_user VALUES (7, 'Isha', 'Rao', 'isha.rao@email.com', 'pass890');
INSERT INTO app_user VALUES (8, 'Ravi', 'Mehta', 'ravi.mehta@email.com', 'ravi321');
```

-- Admins

```
INSERT INTO Admin VALUES (3, 'Customer', 'Care', 'Customer Support', '+91-7654321980',
'cust789');
INSERT INTO Admin VALUES (4, 'Ops', 'Manager', 'Operations Manager',
'+91-8888888888', 'ops321');
```

-- Airports

```
INSERT INTO Airport VALUES (6, 'Rajiv Gandhi International Airport', 'Hyderabad', 'HYD');
INSERT INTO Airport VALUES (7, 'Netaji Subhas Chandra Bose International Airport',
'Kolkata', 'CCU');
```

-- Flights

```
INSERT INTO Flight VALUES (107, 1, 6, TO_DATE('28-APR-2025 06:00:00',
'DD-MON-YYYY HH24:MI:SS'), TO_DATE('28-APR-2025 08:30:00', 'DD-MON-YYYY
HH24:MI:SS'), 180);
INSERT INTO Flight VALUES (108, 6, 1, TO_DATE('28-APR-2025 10:00:00',
'DD-MON-YYYY HH24:MI:SS'), TO_DATE('28-APR-2025 12:30:00', 'DD-MON-YYYY
HH24:MI:SS'), 180);
INSERT INTO Flight VALUES (109, 1, 7, TO_DATE('29-APR-2025 07:00:00',
'DD-MON-YYYY HH24:MI:SS'), TO_DATE('29-APR-2025 09:30:00', 'DD-MON-YYYY
HH24:MI:SS'), 200);
INSERT INTO Flight VALUES (110, 7, 1, TO_DATE('29-APR-2025 14:00:00',
'DD-MON-YYYY HH24:MI:SS'), TO_DATE('29-APR-2025 16:30:00', 'DD-MON-YYYY
HH24:MI:SS'), 200);
```

-- Bookings

```
INSERT INTO Booking VALUES (1005, 4, 106, 30, 'Paid');
INSERT INTO Booking VALUES (1006, 5, 107, 18, 'Paid');
INSERT INTO Booking VALUES (1007, 6, 108, 25, 'Unpaid');
INSERT INTO Booking VALUES (1008, 7, 109, 42, 'Paid');
INSERT INTO Booking VALUES (1009, 8, 110, 31, 'Paid');
```

-- Tickets

```
INSERT INTO Ticket VALUES (2005, 1005, 'TKT123460', TO_DATE('27-APR-2025',
'DD-MON-YYYY'));
INSERT INTO Ticket VALUES (2006, 1006, 'TKT123461', TO_DATE('28-APR-2025',
'DD-MON-YYYY'));
INSERT INTO Ticket VALUES (2007, 1008, 'TKT123462', TO_DATE('29-APR-2025',
'DD-MON-YYYY'));
INSERT INTO Ticket VALUES (2008, 1009, 'TKT123463', TO_DATE('29-APR-2025',
'DD-MON-YYYY'));
```

-- Payments

```
INSERT INTO Payment VALUES (3005, 1005, 9200.00, 'Net Banking',
TO_DATE('27-APR-2025', 'DD-MON-YYYY'));
INSERT INTO Payment VALUES (3006, 1006, 9500.50, 'Credit Card',
TO_DATE('28-APR-2025', 'DD-MON-YYYY'));
INSERT INTO Payment VALUES (3007, 1008, 8800.00, 'UPI', TO_DATE('29-APR-2025',
'DD-MON-YYYY'));
INSERT INTO Payment VALUES (3008, 1009, 9700.75, 'Debit Card',
TO_DATE('29-APR-2025', 'DD-MON-YYYY'));
```

-- Notifications

```
INSERT INTO Notification VALUES (4004, 5, 3, 'Flight to Hyderabad is scheduled to depart
on 28th April at 6 AM.', TO_DATE('27-APR-2025 09:00:00', 'DD-MON-YYYY HH24:MI:SS'),
'N');
INSERT INTO Notification VALUES (4005, 6, 3, 'Your flight booking is pending payment.',
TO_DATE('27-APR-2025 10:30:00', 'DD-MON-YYYY HH24:MI:SS'), 'N');
INSERT INTO Notification VALUES (4006, 8, 4, 'Flight to Delhi delayed by 30 minutes due to
operational reasons.', TO_DATE('29-APR-2025 13:00:00', 'DD-MON-YYYY HH24:MI:SS'),
'N');
```

-- Meals

```
INSERT INTO Meal VALUES (5006, 103, 'Gluten-Free Meal', 'Special', 600.00);
INSERT INTO Meal VALUES (5007, 103, 'Vegan Meal', 'Veg', 480.00);
INSERT INTO Meal VALUES (5008, 104, 'Kosher Meal', 'Special', 650.00);
INSERT INTO Meal VALUES (5009, 106, 'Non-Vegetarian Meal', 'Non-Veg', 550.00);
```

-- Emergency

```
INSERT INTO Emergency VALUES (6003, 106, 'Weather', 'Flight rerouted due to bad
weather near Dubai', TO_DATE('27-APR-2025 02:45:00', 'DD-MON-YYYY HH24:MI:SS'));
```

```
INSERT INTO Emergency VALUES (6004, 108, 'Security', 'Unattended luggage reported,  
resolved after inspection', TO_DATE('28-APR-2025 11:30:00', 'DD-MON-YYYY  
HH24:MI:SS'));
```

```
INSERT INTO app_user VALUES (9, 'Abhishek', 'Patro', 'abhishek.patro@email.com', '123');  
INSERT INTO app_user VALUES (10, 'Nandini', 'Agrawal', 'nandini.agrawal@email.com',  
'123');
```