**Case Study**

**Flight – Booking System**

**Stakeholders**

1. Government Authorities
2. Passengers
3. Employees
4. Airlines

**Flow**

1. Enter the website address in the browser
2. Enter basic security credentials like “Captcha” or login
3. Entering correct security credentials, home screen of flight booking application opens
4. Asks to enter from location, destination location and date of travel – Submit
5. Display available list of flights
6. Select the flight and click on book
7. A screen appears to enter personal details such as :
   1. First Name : \_\_\_\_\_\_\_\_\_\_\_\_\_
   2. Last Name : \_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. Gender : \_\_\_\_\_\_\_\_\_\_\_\_\_
8. Submit the details
9. Booking confirmation and a reference number is generated
10. Check-in details using reference number
11. Check-in confirmation (check-in id, seat no.)

**Databases**

1. FLIGHT
   1. Airline-id
   2. Airline-name
   3. From-location
   4. To-location
   5. Departure-time
   6. Arrival-time
   7. Duration
   8. Total-seats
2. Flight-details
   1. Flight-id
   2. Flight-departure-date
   3. Price
   4. Available seats
3. Passenger-profile
   1. Profile id
   2. Password
   3. First name
   4. Last name
   5. Address
   6. Phone number
   7. Email id
4. Ticket info
   1. Reference id
   2. Flight id
   3. Flight departure date
   4. Status

// Payment details

* 1. Passenger profile id
  2. Card number
  3. Card type
  4. Expiration month
  5. Expiration year