

# **Online Flight Booking system**

## **PROBLEM STATEMENT**

Online flight booking system provides users the freedom to browse for flights across the globe, view the flight timings, flight fares and the duration of journey before booking the tickets. After the user registration, the user will be able to schedule their flights and make payment for their flight fare. A single transaction can contain tickets for multiple passengers. The administrator will be responsible for updating the flight schedule and prices in the system. The administrator will also have the ability to add new airlines into the system.

## **Functional Requirements:**

1. Separate authentication screen for users and administrators.
2. Home screen for users to book flight, update their profile and save their flight preferences
3. Search screen to search flights between a source and a destination locations, date and time
4. Flight booking screen where user can enter passenger details
5. Users will be able to see their booking history
6. Users will have the ability to modify their search result based on various filters, including class, timing and/or fare
7. After booking and payment, the e-ticket should be displayed to the user for download/print.
8. Administrator can will have an option to add new flights to the airline's fleet.
9. Administrator can modify/delete existing flights in the airline's fleet.
10. Standard validations will be implemented during the system design.