

SCOPE

Why did we choose this Project ?

Ans - We all know the complexity behind booking an Airline ticket. Seeing that we choose this project to simplify the user experience of ticket booking , also to learn the technologies involved in it in a better manner, to know the problems involved in the procedure and to understand the internal working behind the Airline Reservation System.

Administrator Rights :

- * Add Flights into the database as per the running schedule.
- * Add the information about the flights, route map, type of cabin class and their respective fair, availability of tickets, departure time, flight cancellation record and other travel information.
- * Can have the power to Delete or Modify the particular flight.
- * Store and retrieve information about the various bookings done till date.
- * Keeping track of all passengers and scheduling their journey accordingly.
- * Maintain records of all passengers travelling in the different flights on different dates reaching different destinations onto the system.

User Rights :

- * Have a look on all available flights in the database.
- * To book a ticket according to Origin, Destination, Departure Date and type of trip.
- * To get a confirmed ticket with important details mentioned such as Flight No., Departure Date, Boarding time, Gate No., Class Type, Seat No. and From & To.
- * Can cancel the ticket and can claim the refund amount.
- * Get options to get concessions based on Age criteria and Type of Citizens.

Constraints and Limitations

Administrator Level :

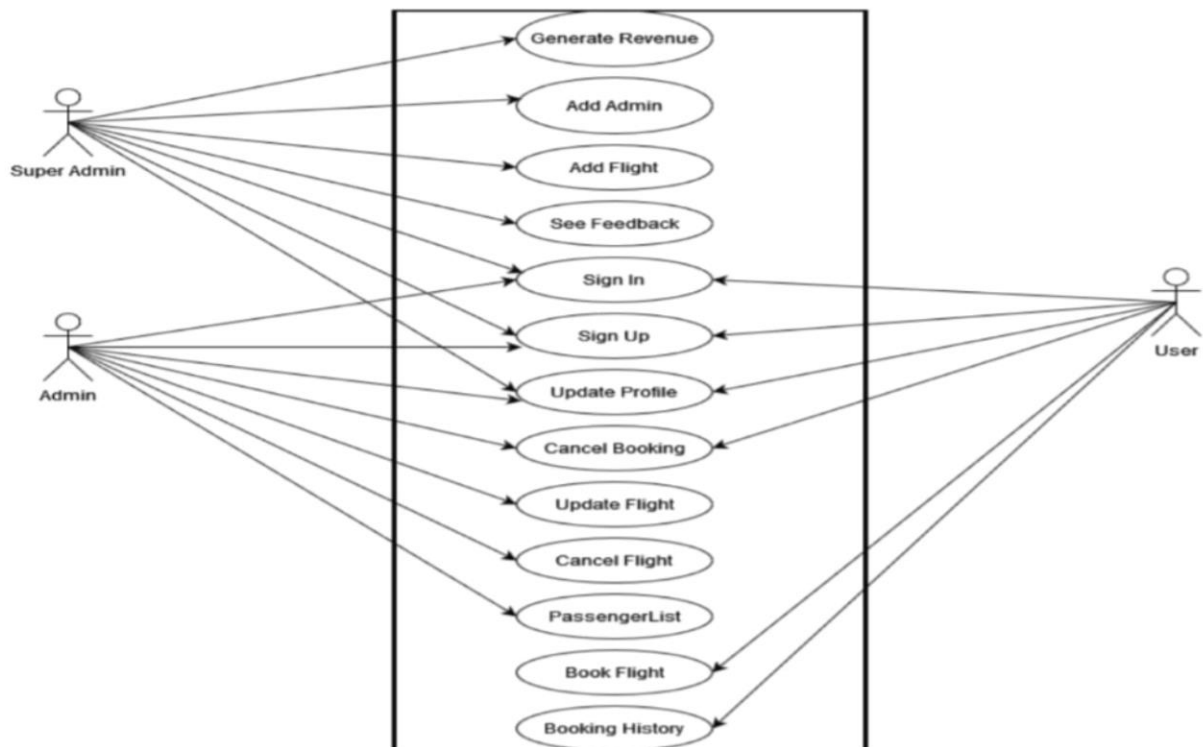
- * Adding/Deleting/Updating a Flight is allowed.
- * No Deletion/Modification at user level is possible.
- * A flight has only Origin and Destination.

User Level :

- * Cancellations means cancellation of whole flight no.
- * Everyone has to travel in the same booked class.
- * No special reservation for any category.
- * Only 1 booking on a particular journey allowed per user.

Use-Case Diagram

Use Case Diagram-



ER Diagram

