**Functional Requirement Document**

**Project Name: Flight Reservation System**

**Developed By**

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**Flight Reservation System** is created to meet the needs of online flight reservation system. The different functional requirements in the project are as follows:

**For the Customer:**

**Login/Register:**

A user will be required to log in into the application in order to book tickets, view and search flights. If he/she has no account, they must register by providing their name, email ID, age, gender and password.

**Search Flights:**

On providing the departure and arrival locations and journey date, a user will be able to view all the relevant flights. Flight details will consist of Flight code, departure and arrival location and timings, number of seats available and price for each seat. The cargo baggage and check in baggage limit allowed inside, cancellation charges.

**Book Flight Ticket:**

A user will be able to book flight ticket by choosing a flight and providing passenger’s details such as their name, age, gender and identification details. A confirmation will be asked and if the user clicks “Book”, booking will be confirmed and booking ID and total price of the booking will be displayed.

**Make Payment:**

After giving the details of the passengers and the journey date, the user will be redirected to a payment page where the total price will be displayed and he has to enter his card details.

**View My Tickets:**

After logging into the application, a user will be able to view a list of all cancelled and confirmed bookings with just the ticket ID, flight code and departure date and baggage information. Bottom of the ticket there will be 2 buttons: “View Ticket” and “Cancel Ticket”.

**View Ticket Details:**

After clicking on “View Details” button, the user will be shown the details corresponding to that specific ticket ID with departure and arrival locations and timings, final price of the booking and do and don’ts while boarding the flight.

**Cancel Ticket:**

After clicking on “Cancel Ticket” button, a user will receive a confirmation message and if he/she selects “Yes”, the booking will be cancelled.