**Functional Requirement Document**

**Project Name: FLIGHT BOOKING SYSTEM**

**Project By: Shivam Prakashrao Hatwar**

**Flight booking System** is an application to meet the needs of online Flight reservation system, with 1 actor: i.e. User/Customer. The architecture implemented is Spring Boot using Spring boot and Angular framework. The proposed system is a solution for users to book flight tickets, search for tickets, view booking details and many more such features just by sitting at their home.

**For the User:**

**Login:**

A user will be required to log in into the application in order to book tickets or to view ticket. To login user needs to enter username and passwords if anyone of these is not matching to database value ‘Invalid username or password’ massage will pop.

**Register:**

If he/she has no account, they have to register by providing their name and usernames, their contact number, age and email ID.

**Search Flight:**

On providing the source and destination city, a user will be able to view all the relevant flights. Flight details will consist of departure and arrival location and timings, number of seats available and price for each seat.

**Book Ticket:**

A user will be able to book a new ticket by choosing a flight this is the main functionality of the project. A confirmation will be asked and if the user clicks “Yes”, booking will be confirmed and booking ID and total price of the booking will be displayed.

**View Bookings:**

After logging into the application, a user will be able to view a list of all bookings with Ticket number, Name of person, source and destination and departure time. Next to the booking there will be button for “Cancel Booking”.

**Cancel Ticket:**

After clicking on “Cancel Booking” button, a user will receive a alert message and if he/she selects “Ok”, the booking will be cancelled and directed to the list of operation page.