**Functional Requirement Document**

**Project Name: HappyEasyFly**

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

**Login/Register:**

A user will be required to log in into the application by providing user id and password in order to book tickets. If he/she has no account, they have to register themselves by providing their first name, last name, gender, mobile number and create user id and password.

**Search Flights:**

On providing the source and destination locations and journey Date, a user will be able to view all the relevant flights depend upon the data provided by user. Flight details will consist of flight number, flight Company such as indigo, vistara, spicejet etc, source and destination locations, journey date, number of seats available and price for each seats. If in case no flights found depend upon the details provided by user then the application will show a message that no flights available.

**Create Booking:**

A user will be able to create a new booking by choosing a flight and adding the passenger’s details like passenger name, passenger age, passenger gender. User can book multiple seats at a time. These passenger details user need to fill on the confirmation page. Without adding the passengers user will not allowed to make bookings. Depending on the number of passengers total price of booking will be displayed. At last on clicking the book ticket button the user’s ticket will be booked.

**View Bookings Details:**

After successfully login to application “My bookings” button is displayed on every page. On Clicking on My Bookings button, the user will be able to view all the bookings with ticket number, flight number, flight company, source, destination, journey date and passengers details like passenger name, passengers age and gender with “cancel “ button which allows the user to cancel ticket. If in case user does not have any booked tickets then the application will show a message the “You havn’t booked any tickets”.

**Cancel Booking:**

After clicking on “My Bookings” button, user will be able to view all the booked tickets with a “cancel” button on clicking on cancel button corresponding tickets will be cancelled.