# **Flight Booking Management System (FBMS)**

## Background:

This project aims towards enhancing the relationship between the customers and flight agencies via Airline Reservation System. The FBMS is a web-based application that helps the passengers to search and book a flight in a hassle-free manner based on their travel requirements. The system allows a passenger/customer to perform various functions such as managing the airline bookings, customer information, vendor services and purchase of auxiliary services by the airlines. It also helps in maintaining the user and flight records which in turn results in proper resource management of Airline Systems and also improves the integration of vendor data management. A centralized database to resolve the excess baggage allowance issue for connecting flights and also to incorporate the COVID test reports or vaccination details of passengers.

## Mission Statement/Objectives:

* A database management system which contains all the customer data, flights details and their bookings that can be accessed by any airline across the globe.
* FBMS assists in increasing the efficiency of managing flight tickets and airline operations.
* To avoid the need to carry the physical copy of COVID vaccination and RTPCR reports while travelling, by incorporating the information in FBMS.
* Flight booking management system will engage the customers to counter the excess baggage allowance being offered by any partner airline.
* Maintaining the data integrity, imply security and governance to prevent leak of confidential data.

## Scope:

The FMS will be restricted to store the personal information of the customers, bookings, travel itineraries, flight operations and COVID-19 information in the system. It will not cover the general operations of airlines, finances, administrations and governing policies.