**Documentation of the Application**

**Idea - Flight Ticket Booking Application**

**Name – Book My Trip**

**Types of Roles/Users:**

1. Airlines
2. Hotels
3. Admin
4. Customer

**Functionalities/Process:**

1. **Airlines:**

**# Sign Up/Registration**

* Name of Airlines
* Email ID
* Password
* Mobile NO (OTP)

**# Profile/Profile Information**

* List of Flights
* Number of Flights
* City
* Round Trip
* Multi-City
* Domestic Flights, International Flights

**# Add or Update Flight Information**

* Travel Route
* Flight Name
* Flight Model
* Default Fare
* No. of First-Class Seats
* No. of Economy Class Seats
* Flight status (Delay, Cancellation)

1. **Hotels:**

**# Sign Up/Registration**

* Name of Hotels
* Email ID
* Password
* Mobile NO. (OTP)

**# Profile/Profile Information**

* Head Office Details
* Number of Branches
* Festival Discount
* Premium and Subscriptions
* Customer Feedback

**# Add/Update Hotel Information**

* Location
* Number of Rooms
* Types of Rooms
* Default Fare
* Amenities

1. **Admin:**

**# Sign Up/Registration**

* Username
* Password
* Email ID
* Mobile NO. (OTP)

1. **Customer:**

**# Sign Up/Registration**

* Username
* Password
* Email Id
* Mobile NO. (OTP)
* Login with Google
* Login with Facebook

**# Search Flights**

* Depart From, Arrival To
* Departure Date, Return Date
* One-way, Round Trip, Multi-City
* Traveller & Class
* Special Fare

**# Book Flight ticket**

* Flight Name
* Flight Time
* Departure, Arrival
* Departure Date, Return Date
* Travellers Class
* Non-stop, One-stop, multi-stop
* Ticket Price
* Baggage Policy
* Cancellation & Refund Policy
* Today’s Offer & Promo Codes

**# Traveller Detail**

* First Name
* Last Name
* Gender
* Email ID
* Mobile NO.
* Address
* Select Seat
* Payment Options

**Database Design:**

**Tables:**

1. **Airline \_Info**

* Airline\_ID (Primary Key)
* Airline\_Name
* Email
* Mobile
* Website
* Location

1. **Airline\_Account\_Info**

* Account\_ID (Primary Key)
* Account\_HolderName
* BankName
* IFSC\_Code
* Branch
* Account\_Number
* Flight\_ID (Foreign Key)

1. **Flight\_Info**

* Flight\_ID (Primary Key)
* Flight\_Name
* Flight\_Type
* Number of seats
* Type of seats
* Travel route
* Airline\_ID (Foreign Key)

1. **Airline\_Flight\_Details**

* Flight\_Airline\_ID (Primary Key)
* Flight\_ID (Foreign Key)
* Airline\_ID (Foreign Key)
* Flight\_Rating