**Airplane Ticket Booking System**

This is a project for an airplane ticket booking system. The system is designed using React as the frontend and Spring Boot as the backend. The system allows users to search for flights, choose a seat, and make a booking.

**Installation**

1. Clone the repository
2. Install Node.js and npm
3. Install Java JDK
4. Import backend in eclipse, Navigate to the **Aero\_Suvidha** folder and run **mvn spring-boot:run AeroSuvidhaApplication.java file**
5. Import frontend in VS code, Navigate to the **frontend** folder and run **npm install** then **npm start** in terminal.
6. Access the system at [**http://localhost:3000**](http://localhost:3000)

**Features**

**Search Flights**

Users can search for flights by entering their departure and arrival cities, as well as the desired travel dates. The system will display a list of available flights with their respective departure and arrival times.

**Choose a Seat**

Once a user selects a flight, they can choose their seat from a seat map. The system will display the available seats and the user can select their preferred seat.

**Make a Booking**

After selecting a seat, the user can make a booking by entering their personal information, such as their name and email address. The system will then generate a booking confirmation for the user.

**Technologies Used**

* React
* Spring Boot
* Java
* Maven
* HTML
* CSS
* JavaScript

**IDE Used**

* Backend – Eclipse IDE
* Frontend – Visual Studio



