

SOLUTION REQUIREMENT DOCUMENT

This document provides an overview of the overall solution and how each module contributes to solving the problem.

PROBLEM STATEMENT

Users face difficulty in efficiently searching and booking flights across routes. There's also a need for role-specific operations like managing bookings and flight inventory.

OBJECTIVES

- Build a responsive, fast, and secure flight booking platform.
- Ensure different access for Customers, Operators, and Admins.
- Allow flight search, booking, and booking history tracking.

PROPOSED SOLUTION

- Customers can register/login, search for flights, and book/cancel them.
- Operators can add, update, delete flights, and view bookings.
- Admins can approve/decline Customers/Operators and manage data.

KEY MODULES

Module	Functionality
Authentication	Register/Login using secure tokens
Flight Management	Add/edit/delete flights (Operators/Admin)
Booking Module	Book/cancel/view flights (Customer)
User Management	Role-based actions (Admin approves Operators)
Admin Dashboard	Approve/reject users, view system activity