Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Team ID	LTVIP2025TMID57633
Project Title	Flight finder: navigating your air travel options

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Form Registration via Gmail Registration via LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Flight Search	Search by destination, date, passenger count Filter by airline, price, time
FR-4	Ticket Booking	Select flight and seats Enter passenger details Confirm booking
FR-5	Payment	UPI / Credit Card / Net Banking Payment gateway integration Generate payment receipt
FR-6	Booking Management	View upcoming trips View past bookings Cancel / modify bookings
FR-7	Admin Panel	Manage flights and schedules View booking statistics Generate reports

FR-8	Customer Support	Chat or email support Raise complaint/ticket
FR-9	Notifications	Email/SMS confirmations for booking and cancellation

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The website should be intuitive, mobile-friendly, and easy to navigate for all age groups.
NFR-2	Security	Data should be protected via HTTPS; login credentials and payment info should be encrypted.
NFR-3	Reliability	The system should handle multiple bookings reliably, even during peak hours.
NFR-4	Performance	Pages should load within 3 seconds even under high traffic.
NFR-5	Availability	The system should be available 24/7 with 99.9% uptime.
NFR-6	Scalability	The system should handle growth in users, bookings, and destinations efficiently.