

Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	31 January 2025
Team ID	LTVIP2025TMID46399
Project Name	Flight Finder
Maximum Marks	4 Marks

Functional Requirements:

FR No. Functional Requirement (Epic) Sub Requirement (Story / Sub-Task)

FR-1	User Registration	Registration through Form
		Registration through Gmail
		Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email
		Confirmation via OTP
FR-3	Flight Search	Search by destination, date, and class
		Apply filters (airline, direct/layover, timing, price)
FR-4	Booking Process	Select flight and enter passenger details
		Choose seat using seat map
		Make payment through secure gateway
FR-5	User Dashboard	View past and upcoming bookings
		Cancel or reschedule flights
		Save preferences and travel history
FR-6	Admin Panel	Add/update/delete flight data
		View and manage all bookings
		Generate reports on flight usage and bookings

Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The UI must be intuitive and accessible for both frequent and occasional users.

FR No.	Non-Functional Requirement	Description
NFR-2	Security	All sensitive data (e.g., passwords, payment info) must be encrypted and secured.
NFR-3	Reliability	The app must function correctly and recover gracefully from failures.
NFR-4	Performance	Search and booking responses should be fast and smooth, even under high load.
NFR-5	Availability	The app should have 99.9% uptime with proper monitoring and error handling.
NFR-6	Scalability	The system should handle an increasing number of users and data without issues.