

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

Date	27 june 2025
Team ID	LTVIP2025TMID58003
Project Name	FlightFinder: Navigate Your Air Travel Optiopns
Maximum Marks	4 Marks

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 through Gmail
		Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email
		Confirmation via OTP
FR-3	Flight Management	Add/Update/Delete Flights (Admin)
		View Available Flights
		Search Flights by Location/Date
FR-4	Booking System	Book Flights (Users)
		View/Cancel Bookings
		Generate Ticket Details
		View All Bookings (Admin)

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Clean UI, smooth navigation, user-friendly
NFR-2	Security	Bcrypt password hashing, CORS enabled APIs

NFR-3	Reliability	API error handling, request retry logic
NFR-4	Performance	Optimized queries, minimal API response time
NFR-5	Availability	Deployed on Render (backend) & Netlify (frontend)
NFR-6	Scalability	Easily extendable with new modules or features