

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

Date	31 January 2025
Team ID	LTVIP2025TMID52738
Project Name	Flight Finder: Navigating Your Air Travel Options
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 Linked IN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3		
FR-4		

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	1.User-friendly and intuitive interface 2.Minimal learning curve for first-time 3.users Responsive design (works on mobile, tablet, desktop)
NFR-2	Security	<ul style="list-style-type: none">• Data encryption (SSL/TLS) for all user data• Secure authentication (OAuth, two-factor)• Protection from attacks (SQL injection, XSS, CSRF)

NFR-3	Reliability	<ul style="list-style-type: none"> • stem uptime of 99.9% or higher • Stable API and backend infrastructure • Automatic error detection and alerts
NFR-4	Performance	<ul style="list-style-type: none"> • Fast response time (<2 seconds for 90% of requests) • Efficient load handling during high traffic
NFR-5	Availability	<ul style="list-style-type: none"> • System should be available 24/7 • Support for maintenance windows with prior notice
NFR-6	Scalability	<ul style="list-style-type: none"> • Able to handle growing number of users and data • Modular architecture to add new services easily