

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

Date	31 January 2026
Team ID	LTVIP2026TMIDS76986
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

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	<ol style="list-style-type: none">1. User-friendly and intuitive interface2. Minimal learning curve for first-time users3. 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">• System 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