

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

Date	24 June 2025
Team ID	LTVIP2025TMID53024
Project Name	Flight finder-navigating your air travel optins
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	User Login	Login with email & password Password recovery via email
FR-4	Dashboard & Flight Search	View flight listings filter/search by source & destination View flight details
FR-5	Booking & Payment	Select flight and confirm booking Proceed to payment Generate ticket and email confirmation

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	User-friendly interface for all users (mobile/web)
NFR-2	<b>Security</b>	Secure login, encrypted data storage, OTP/email verification
NFR-3	<b>Reliability</b>	System should handle failures gracefully and ensure no booking loss
NFR-4	<b>Performance</b>	Fast response for search and booking even under high load
NFR-5	<b>Availability</b>	System available 24/7 with minimal downtime
NFR-6	<b>Scalability</b>	Able to handle increased users, flights, and bookings as the system grows