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

Date	24 June 2025
Team ID	LTVIP2025TMID53017
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	**Usability**	User-friendly interface for all users (mobile/web)
NFR-2	**Security**	Secure login, encrypted data storage, OTP/email verification
NFR-3	**Reliability**	System should handle failures gracefully and ensure no booking loss
NFR-4	**Performance**	Fast response for search and booking even under high load
NFR-5	**Availability**	System available 24/7 with minimal downtime
NFR-6	**Scalability**	Able to handle increased users, flights, and bookings as the system grows