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

Date	31 January 2025
Team ID	LTVIP2025TMID53249
Project Name	FlightFinder: 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 Linkedin
FR-2	User Confirmation	Confirmation via Email confirmation via OTP
FR-3	Flight Booking	Search Flights select flight enter passenger details make payment
FR-4	User Dashboard	View Bookings cancel Booking Download Ticket

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The application should provide a clean, intuitive, and user-friendly interface for all users including customers and admins.
NFR-2	**Security**	The system must securely handle user data with encryption and protect against unauthorized access, especially during login and payment.
NFR-3	**Reliability**	The system should function consistently under defined conditions and handle failures gracefully without data loss.
NFR-4	**Performance**	The application should respond to user actions within 2 seconds and ensure fast processing of search and booking actions.

NFR-5	**Availability**	The system should be available 99.9% of the time to ensure users can access it anytime for flight booking and support.
NFR-6	**Scalability**	The system must be able to handle increased load, such as more users or flight data, without affecting performance.