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

Date	09 June 2025
Team ID	LTVIP2025TMID59290
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 Search & Booking	Search Flights by Source, Destination, Date Filter by Airline, Price, Time Book Flights with Passenger Details and Payment
FR-4	Booking History	View Past Bookings View Upcoming Bookings
FR-5	Live Flight Tracking	Track Flight by Booking Reference or Flight Number
FR-6	Admin & Support Management	Admin: Add/Edit/Delete Flights Admin: Manage User Accounts (Block/Delete)

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 an intuitive and user-friendly interface on both web and mobile platforms.
NFR-2	**Security**	User data must be protected using secure authentication, encryption, and access control mechanisms.
NFR-3	**Reliability**	The system must consistently perform intended operations without failure during regular usage.
NFR-4	**Performance**	The system should respond to user actions (e.g., search, booking) within 2 seconds under normal load.
NFR-5	**Availability**	The system should be available 99.9% of the time, excluding scheduled maintenance.
NFR-6	**Scalability**	The system must scale to handle increasing numbers of users, bookings, and concurrent sessions.