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

Date	31 January 2026
Team ID	LTVIP2026TMIDS60082
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	User Login	Login through Email & Password Login through Gmail Forgot Password & Reset
FR-4	Flight Search	Search by Source & Destination Search by Travel Date Filter by Price, Airline, Time
FR-5	Flight Booking	Select Flight Enter Passenger Details Review Booking Details
FR-6	Payment Processing	Online Payment via Payment Gateway Payment Confirmation Transaction History
FR-7	Booking Management	View Booking History Cancel Booking Download E-Ticket
FR-8	Admin Management	Add Flight Details Update Flight Details Delete Flight View All Bookings
FR-9	Notifications	Email Confirmation SMS Notifications Flight Status Updates

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description

NFR-1	**Usability**	The system should provide a simple, user-friendly interface that allows users to search, compare, and book flights easily without confusion.
NFR-2	**Security**	The system must ensure secure login, encrypted data transmission, and safe payment processing to protect user and transaction data.
NFR-3	**Reliability**	The platform should provide accurate flight information and booking confirmation without errors or data loss.
NFR-4	**Performance**	The system should display flight search results within a few seconds and handle multiple user requests efficiently.
NFR-5	**Availability**	The application should be available 24/7 with minimal downtime to support users at any time.
NFR-6	**Scalability**	The system should be able to handle increasing numbers of users and flight data without performance issues.