Requirement Gathering and Analysis Phase
Solution Requirements (Functional & Non-functional)

Date	8 July 2024
Team ID	SWTID1720170691
Project Name	Flight Booking APP
Maximum Marks	2

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	Search by Destination
		Search by Date
		Search by Airline
FR-4	Flight Booking	Select Flight
		Enter Passenger Details
		Select Seat Preferences
		Add Baggage
		Choose Meals
		Enter Payment Details
FR-5	Payment Processing	Process Credit/Debit Card
		Process PayPal
		Process Bank Transfer
FR-6	Booking Confirmation	Send Booking Confirmation Email
		Generate Booking Reference Number
FR-7	Ticket Management	View Booking Details
		Cancel Booking

		Modify Booking (Change Date/Time/Seat)
FR-8	Check-In	Online Check-In
		Mobile Check-In
FR-9	Notifications	Flight Reminder Notification
		Check-In Reminder Notification
		Gate Change Notification
FR-10	Customer Support	Live Chat Support
		Email Support

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 be user-friendly and easy to navigate for all types of users.
NFR-2	Security	The system should ensure data privacy and protection against unauthorized access.
NFR-3	Reliability	The system should function consistently and be dependable for all operations.
NFR-4	Performance	The system should have fast response times and handle high volumes of transactions efficiently.
NFR-5	Availability	The system should be available 24/7 with minimal downtime.
NFR-6	Scalability	The system should be able to scale up to accommodate increasing numbers of users and transactions.