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

Date	16 October 2022
Team ID	PNT2022TMID46686
Project Name	Developing a Flight Delay Prediction Model using Machine Learning
Maximum Marks	4 Marks

Functional Requirements:

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	login	• The system must allow users to log into their account by entering their email and password.
FR-4	Forgot password	• The system must allow users to reset their password by clicking on "I forgot my password" and receiving a link to their verified email address.
FR-5	Submit	• The system must display the details users to submit all the asked information

Non-functional Requirements:

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	• Indicates how effectively and easy user can learn and use a system.
NFR-2	Security	• Security is a non-functional requirement assuring all data inside the system or its part will be protected against malware attacks or unauthorized access. • Only direct managers can see personnel records of staff. • Customers can see their order history only during business hours.
NFR-3	Reliability	• Reliability specifies how likely the system or its element would run without a failure for a given period of time under predefined conditions.
NFR-4	Performance	• Any interaction between the user and the system should not exceed 2 seconds. • The system should receive updated inventory information every 15 minutes.
NFR-5	Availability	• Availability describes how likely the system is accessible to a user at a given point in time. • While it can be expressed as an expected percentage of successful requests, you may also define it as a percentage of time the system is accessible for operation during some time period.