

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

Date	03 October 2022
Team ID	PNT2022TMID35530
Project Name	Developing a Flight Delay Prediction Model using Machine Learning
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 Authentication	Authentication via email
FR-4	External interface	Interaction between user and software
FR-5	Notification via sms	Message is sent through sms when flight is delayed

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	User interface is very effective to use when compared with others.
NFR-2	Security	The data collected from the user will be stored securely in the cloud
NFR-3	Reliability	The user can trust the results from the application and they can check their flight status
NFR-4	Performance	Accurate prediction can be achieved.
NFR-5	Availability	Available if the network bandwidth of the user is of good range
NFR-6	Scalability	This application can be accessed from any place.