

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

Date	03 October 2022
Team ID	PNT2022TMID12697
Project Name	Project - Flight delay prediction system using ML
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	Admin authentication	Confirmation via OTP
FR-4	Admin dashboard	Admin uploads dataset to train the model
FR-4	Display result	The flight delay information will be displayed in the web page

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Easily accessible as the application is hosted as a web page
NFR-2	Security	User and admin require login to access the web page
NFR-3	Reliability	The system focuses on preventing lifetime failures
NFR-4	Performance	The system performance is elevated as the cloud server it is hosted on is usually a powerful computational resource
NFR-5	Availability	The system runs on a cloud server. So, it is always available
NFR-6	Scalability	The application can be easily scaled to meet user demands