

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

Date	17 October 2022
Team ID	PNT2022TMID00517
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	Flight Technical Issues	Identify the issue that occur Intimate about the issue to the team Try to resolve the issue Try for any alternatives
FR-2	Bad Weather Conditions	Hold the flight in a nearby Airport intimate the nearby Airport about the difficulties
FR-3	Passenger's Medical Issues	Try for doctor's console
FR-4	Human Error	The pilot team should take the health test for each time and also check the technical patterns before take off

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Predict or identify the error through some sensor for any technical issues and for human error try through a satellite communication systems.
NFR-2	Security	Despite of any issues ensure the passenger's safety first.
NFR-3	Reliability	The error or issues identified should be rectified every then and there.
NFR-4	Performance	Perform and intimate the team instantly
NFR-5	Availability	Make available of all possibilities