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

Date	10 October 2022
Team ID	PNT2022TMID43126
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	Visiting website	Visiting website for weather updates Visiting website for flight departure and arrival timings
FR-2	Login	Login using your name Create a password
FR-3	Searching	Searching for specified flight times
FR-4	Notifying	Notifying users incase of flight delay

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The UI should be simple enough for everyone to understand
NFR-2	**Security**	The website must be secure enough to trust by the users.
NFR-3	**Reliability**	The UI should be able to withstand any errors in the data.
NFR-4	**Performance**	The live plot for the weather conditions is presented in the dashboard.
NFR-5	**Availability**	The UI should respond to the users within 2 seconds
NFR-6	**Scalability**	Different flight datas can be captured and shown.