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

Date	16 October 2022
Team ID	PNT2022TMID23887
Project Name	Project - 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 Gmail
FR-2	User Confirmation	Confirmation via Gmail
FR-3	User Login	Login with Gmail and Password
FR-4	Data Input	Enter the necessary input
FR-5	Data Output	View the output for the entered input
FR-6	Compliance To Law	To meet regulatory compliance and standard requirement

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The UI of the program is diagram oriented which is easy to use
NFR-2	**Security**	Only administrator can give access to the desired systems
NFR-3	**Reliability**	Previous model is saved as a backup in case the recent model fails.
NFR-4	**Performance**	The UI of the program must load faster and the result must be given faster
NFR-5	**Availability**	New module must not impact the UI of the program. Availability mustn't take longer
NFR-6	**Scalability**	It should be scalable enough to support multiple users at a time to avoid web traffic.