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

Date	20 October 2022
Team ID	PNT2022TMID29701
Project Name	Project – Flight Delay Prediction 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	Data Process	Data Pre-processing Evaluation
FR-2	Build Model	Model UI Model Deployment
FR-3	Build Application	Source code Flask code by Python
FR-4	Flask Integration and Prediction	Integrate the Flask Predicting the Flask

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	It should provide user friendly environment to deal with it
NFR-2	**Security**	The system's security must be invulnerable to Hacker attack
NFR-3	**Reliability**	Collecting feedbacks periodically can build a reliable page
NFR-4	**Performance**	The system must maintain a steady performance even during the peak hours
NFR-5	**Availability**	Webpage must be maintained properly to avoid the crash caused during high traffic; customer support should be available to passengers all time.
NFR-6	**Scalability**	Increase of webservers and optimising the performance of webpage during peak hours.