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

Date	13 October 2022
Team ID	PNT2022TMID10916
Project Name	Flight Delay Prediction 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	Passenger Registration	Registration through Form Registration through Gmail
FR-2	Passenger Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Passenger Booking	Booking through nearby airports Booking through websites
FR-4	Passenger Payment Confirmation	Payment through any E-COMMERCE service
FR-5	Acknowledgement about cancellation from the other end	Acknowledgement through SMS Acknowledgement through GMAIL
FR-6	Acknowledgement about delay from the other end	Acknowledgement through SMS Acknowledgement through GMAIL

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Improve airline operations and passenger satisfaction, which will result in a positive impact on the economy
NFR-2	**Security**	Provide a secured way of refunding money when the tickets are cancelled due to flight delay
NFR-3	**Reliability**	Flight delays are usually not reliable estimates
NFR-4	**Performance**	Check whether the flight is delayed or not
NFR-5	**Availability**	Availability of flights can be determined by comparing the delay of flights
NFR-6	**Scalability**	Scalability is improved when the weather is in good condition etc.,