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

Date	18 October 2022
Team ID	PNT2022TMID32621
Project Name	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 Form • Registration through Gmail
FR-2	Log In	Log in with give user credentials
FR-3	Support	Support option provided for queries and contact customer support team
FR-4	Prediction of delay	• Requesting for prediction by providing details of flight • Shows prediction results
FR-5	Get Feedback	• Get feedback about their experience • Request give rating
FR-6	Log Out	Log out from the application

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Allows the users to perform the task safely, efficiently and effectively
NFR-2	**Security**	User details are secured
NFR-3	**Reliability**	The prediction made by the model are reliable
NFR-4	**Performance**	Huge volume of data can be handled quickly

NFR-5	**Availability**	The user can give the details and get the prediction anytime and anywhere
NFR-6	**Scalability**	The model can handle any number of inputs