

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

Date	14 October 2022
Team ID	PNT2022TMID40519
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	Sign up	sign up through Form sign up through Gmail
FR-2	user Confirmation	Confirmation via Email Confirmation via OTP
FR-3	user login	login through form
FR-4	forgot password	OTP via email
FR-5	Data Collection	Flight delay data uploads to the database

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Security	If a flight is about to leave and a passenger is still at security the airline decides whether to wait for that passenger or not
NFR-2	Reliability	The reason you want to arrive to the airport before your flights original time because flight delays are usually not reliable estimates
NFR-3	Performance	The system should provides accurate delays of the Flight
NFR-4	Maintainability	The system watching and upkeep should be fundamental and focus in its approach.