

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

Date	18 October 2022
Team ID	PNT2022TMID44333
Project Name	Developing a Flight Delay Prediction Model Using Machine Learning
Maximum Marks	4 Marks

**FUNCTIONAL REQUIREMENTS:**

FR No.	Functional Requirement	Sub Requirement
FR-1	User Registration	Registration through g-mail, Websites, google accounts.
FR-2	User Verification	Verify where the user is authorized.
FR-3	Flight Details	Details of Flights Route and timing of flights.
FR-4	Flight Technical Issues	Identify, solve and rectify the issues that occur in flights.
FR-5	Search Flights	The system should allow users to search for their flight details.
FR-6	Flights Status Notification	Notify the passengers about the flight delay and Current status.

**NON-FUNCTIONAL REQUIREMENTS:**

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Compact Easy to access
NFR-2	Security	The User data will not be used and more securely and safe. User's information can be secured.
NFR-3	Reliability	Should provide accurate predictions
NFR-4	Performance	High accuracy. High Uninterrupted service.
NFR-5	Availability	The system should be available at all times.
NFR-6	Scalability	Can handle multiple users at the same time Accessible even in remote areas