

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

Date	15th October 2022
Team ID	PNT2022TMID25762
Project Name	DEVELOPING A FLIGHT DELAY PREDICTION MODEL
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	User Confirmation	Confirmation via Email Confirmation via MOBILE OTP
FR-3	User location verification	Confirmation using gps
FR-4	User nationality	Confirmation of nationality Identity verification

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Precise. Easy to access.
NFR-2	<b>Security</b>	Datas are integrated. Informations are hidden from third parties.
NFR-3	<b>Reliability</b>	Flight informations are true to extent. Better prediction.
NFR-4	<b>Performance</b>	High speed performance. Uninterrupted services.
NFR-5	<b>Availability</b>	Detects Cache information. Qualifies Spike Testing.
NFR-6	<b>Scalability</b>	Reliable in remote areas. Can handle multiple users at the same time.