

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

Date	03 October 2022
Team ID	PNT2022TMID17753
Project Name	Project – Developing a flight delay prediction model by 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 Registration through LinkedIn
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Registered User -Login	Login through password Login through Gmail Login through LinkedIn
FR-4	Verify the link provided by the user	User inputs the link to be verified
FR-5	Display the result	If the site link is a prediction site, user must be aware and read the precautions displayed If the site link is legit exit the application
FR-6	Share Queries	If any doubts, send query Read FAQs

### Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	Describes the ease of use for the customers.
NFR-2	<b>Security</b>	Assures all data inside the system or its part will be protected against malware attacks or unauthorized attacks.
NFR-3	<b>Reliability</b>	Specifies the probability of the software performing without failure for a specific number of uses or amount of time.
NFR-4	<b>Performance</b>	Deals with the measure of the system's response time under different load conditions.
NFR-5	<b>Availability</b>	Describes how likely the system is accessible for a given user at a given point of time.
NFR-6	<b>Scalability</b>	Assesses the highest workloads under which the system will still meet the performance requirements.