

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

Date	03 October 2022
Team ID	PNT2022TMID53188
Project Name	Project - Airlines Data Analytics for Aviation Industry
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 Website
FR-2	User Authentication	Authenticate users's attempt to login using the database
FR-3	Data Analysis	Performing Predictive and Diagnostic analysis on the dataset
FR-4	Visualization	Perform various visualization techniques after dataset has been worked on
F4-5	Display	Display the visualization to the user via the website

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	<b>Usability</b>	The interface will be easy to use and understandable
NFR-2	<b>Security</b>	Website will authenticate the user via user id and password
NFR-3	<b>Reliability</b>	Software can run on any platform under any conditions
NFR-4	<b>Portability</b>	Website is portable as it can be seen from any device
NFR-5	<b>Availability</b>	Website will be available as long as there is internet connection
NFR-6	<b>Scalability</b>	Possible to scale this further with some more data analytics and features to the website