

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

Date	08 Oct 2023
Team ID	NM2023TMID02617
Project Name	DISSECTING THE DIGITAL LANDSCAPE: A COMPREHENSIVE ANALYSIS OF SOCIAL MEDIA

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	Dataset	Dashboard uses a dataset from Cognos Cloud.
FR-2	Analysis	Data is pre-processed and cleaned. After cleaning the exploration process is carried out
FR-3	Visualization	Visualization of the prediction is shown in the dashboard created using IBM Cognos Analytics

**Non-functional Requirements:**

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Dashboards are created in order to display the length of stay analysis in a visual manner. So, the analysis can be easily understood.
NFR-2	Security	All the dataset used and visualized in the dashboard cannot be downloaded or accessed by external sources.
NFR-3	Reliability	Dashboards created after the analysis process will be more reliable and show the result clearly and effectively.
NFR-4	Performance	The analyzation has more accuracy.
NFR-5	Availability	Analysed data will be available for some time after the analyzation
NFR-6	Scalability	This system will analyse the length of stay of all kinds of users.