PROJECT DESIGN PHASE II

TECHNICAL ARCHITECTURE (Functional & Non Functional)

Team ID	PNT2022TMID38460
Project Name	DATA ANALYTICS FOR HOSPITAL HEALTH-CARE DATA

Functional Requirements :

Following are the Functional Requirements of the Proposed Solution .

FR NO.	Functional Requirement (Epic)	Sub Requirements (Story / Sub-Task)
FR-1	User Registration	Registration through form Registration through Gmail
FR-2	User Confirmation	Confirmation via Email Confirmation via Message
FR-3	Interoperability	Dashboard helps to share the patients information interoperable to the hospitals in timely manner.
FR-4	Accuracy	Dashboard helps predict the patient's Health risks accurately based on LOS (Length of Stay).
	Concise	These dashboards are clear,intuitive,and customizable and interactive in manner.

Non-functional Requirements :

Following are the non_functional requirements of the proposed solution.

FR NO.	Non-Functional	Description

	Requirement	
NFR-1	Usability	This Dashboards are designed to offer a comprehensive overview of patient's LOS, and do so through the use of data visualization tools like charts and graphs.
NFR-2	Security	The Dashboard helps to indicate the current threat level to the hospital ; an indication of events and incidents that have occurred; a record of authentication errors ; unauthorizes access
NFR-3	Reliability	This dashboard will be consistent and reliable to the users and helps that user to use in effective , efficient and reliable manner .
NFR-4	Performance	This dashboard can scan the backend users and analyzing the frequiency in which they visit the dashboard helps understand how useful and helpful the data displayed is for tasks.
NFR-5	Availability	The dashboard can available to meet user's demand in timely manner and it is also helps to provide neccessary information to the user's dataset.
NFR-6	Scalability	The layers used in the dashboard are a hosted featured layer, feature layer view, or hosted tile layer .