ANALYTICS FOR HOSPITAL'S HEALTH-CARE DATA

PROJECT DESIGN PHASE II

SUBMITTED BY

SHREE NARMADHA TS

AYYANKALAI A

SANJEEVI V

THIRIPURA SUNDHAR A

SOLUTION REQUIREMENTS (FUNCTIONAL & NON-FUNCTIONAL)

Project Name	Analytics for Hospital Health-Care Data
Team ID	PNT2022TMID07282
Team Members	Shree Narmadha T S Ayyankalai A Sanjeevi V Thiripura Sundhar A

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 Message
FR-3	**Interoperability**	Dashboard helps to share the patient's 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).
FR-5	**Compliance**	The compliance of a dashboard is like to use very interactively in real time by the hospitals.
FR-6	**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 Requirement	Description
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 Hospitals; an indication of events and incidents that have occurred; a record of authentication errors; unauthorized access

NFR-3	**Reliability**	This dashboard will be consistent and reliable to the users and helps the user to use in effective, efficient and reliable manner.
NFR-4	**Performance**	This dashboard can scan the backend users and analyzing the frequency 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 necessary information to the user's dataset
NFR-6	**Scalability**	The layers used in the dashboard are a hosted feature layer, feature layer view, or hosted tile layer.