PROJECT DESIGN PHASE – II

FUNCTIONAL & NON-FUNCTIONAL REQUIREMENTS

Date	17.10.2022
Team ID	PNT2022TMID39745
Project Name	Analytics for Hospitals and Health-care Data

Functional Requirements

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	**User Registration**	The User has his/her own ID to get registered in the portal or Dashboard
FR-2	**User Confirmation**	Confirmation via OTP (if necessary)
FR-3	**Dashboard**	The collected data are found in visualized format and the prior data are analyzed
FR-4	**Dataset**	The patients record and staffs record are collected and consolidated as dataset
FR-5	**Report Generator**	The periodic reports of patients and the LoS are reported
FR-6	**Exploration**	The data exploration on available dataset

Non-Functional Requirements

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The user can analyze about the Patients detail and their Length of Stay
NFR-2	**Security**	The data are confidential so Hospital Staffs conscious about it
NFR-3	**Reliability**	The Analytics system ensures the reliability
NFR-4	**Performance**	The accurate result of patients LoS can be identified.
NFR-5	**Availability**	The availability of dataset must be constrained for accurate data
NFR-6	**Scalability**	Any kind of data can be explored and the system is quiet expandable