

PROJECT DESIGN PHASE – II

FUNCTIONAL & NON-FUNCTIONAL REQUIREMENTS

Date	<u>16.10.22</u>
Team ID	PNT2022TMID44298
Project Name	Analytics for Hospital and Healthcare 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