

## PROJECT DESIGN PHASE – II

### FUNCTIONAL & NON-FUNCTIONAL REQUIREMENTS

<b>Date</b>	20.10.22
<b>Team ID</b>	PNT2022TMID17589
<b>Project Name</b>	Analytics for Hospital and Healthcare Data

#### Functional Requirements

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

#### Non-Functional Requirements

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