PROJECT DESIGN PHASE – II FUNCTIONAL & NON-FUNCTIONAL REQUIREMENTS

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| **Date** | 20.10.22 |
| **Team ID** | PNT2022TMID17589 |
| **Project Name** | Analytics for Hospital and Healthcare |
| Data |

**Functional Requirements**

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| **FR** | **Functional Requirement** | **Sub Requirement (Story / Sub-Task)** |
| **No.** | **(Epic)** |
| 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**

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| **FR** | **Non-Functional** | **Description** |
| **No.** | **Requirement** |
| 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 |