# Project Design Phase-II
## Solution Requirements (Functional & Non-functional)

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|---|---|
| Date | 17 October 2022 |
| Team ID | PNT2022TMID16434 |
| Project Name | Project – Analytics for hospitals health-care data |
| Maximum Marks | 4 Marks |

**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<br>Registration through Gmail |
| FR-2 | User Confirmation | Confirmation via Email<br>Confirmation via Message |
| FR-3 | User Login | Login through Gmail |
| FR-4 | Uploading the data | Uploading into the IBM Cognos analytics |
| FR-5 | Preparing the data | Data module creation |
| FR-6 | Data module creation | Performing predictive analysis |
| FR-7 | Visualizing the data | Creating dashboards |

**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 analysing 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. |