

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

Date	03 October 2022
Team ID	B4-4M6E
Project Name	Data Analytics in Hospital Management
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 Registration through Gmail Registration through LinkedIN
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Undertaking various Registration	HMS is able to facilitate various Registration to enter the details of patients.
FR-4	Visualizing Data	User can visualize the trends on patients by ward types, departments, available beds etc through Dashboard created using IBM cognos Analytics.
FR-5	Check Out	The HMS helps facilities in ensuring all formalities and commitments using unique ID.
FR-6	Generating report	User can view his/her health report and can make Decisions accordingly.

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	The application will have a simple and user friendly graphical interface. User will be able to understand and use all the features of the application easily. Any action has to be performed with just a few clicks.
NFR-2	Security	For security of the application the technique known as database replication should be used so that all the important data should be kept safe. In case of crash the system should be able to backup and recover the data.
NFR-3	Reliability	The application has to be consistent at every scenario and has to work without failure in any environment.
NFR-4	Performance	Performance of the application depends on the response time and the speed of the data submission. The response time of the application is direct and

		faster which depends on the efficiency of implemented algorithm.
NFR-5	Availability	The application has to be available 24x7 for users without any interruption.
NFR-6	Scalability	The application can withstand the increase in the number of users and has to be able to develop Higher versions.