Project Design Phase- II

Solution Requirements (Functional &Non functional)

Team ID	PNT2022TMID51181
Project Name	*Visualizing and Predicting Heart Diseases with an Interactive Dashboard*

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*	*Registrations can be done using Email*
FR-2	*User Confirmation*	*Registration Confirmation can be set through E-mail.*
FR-3	*Visualizing Data*	*Visualize the presence of heart disease through Dashboard created using IBM Cognos Analytics*
FR-4	*Generation Report*	*View and generate report.*

Non-Functional Requirements:

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

NFR. No.	Non-Functional Requirement	Description
NFR-1	Usability	Simple User Interface with easy understanding.
NFR-2	Security	Maintain a secondary/backup dataset User reports are kept safely and remove false dataset.
NFR-3	Reliability	Must work without error or minimum error and able to work with various dataset
NFR-4	Performance	Depending on the error metrics we have to choose an algorithm with high response time.
NFR-5	Availability	It is based on the IBM cognos analytics so it should be available to all time.
NFR-6	Scalability	Should handle a high number of request at same time and large datasets.