Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Team ID	PNT2022TMID04435
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	Registration through Email
FR-2	User Confirmation	Confirmation via Email
FR-3	Visualizing Data	Visualize the presence of heart disease through Dashboard created using IBM Cognos Analytics
FR-4	Generation Report	Users can view their reports

Non-Functional Requirements :

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

NFR No	Non-Functional Requirement	Description
NFR-1	Usability	Provide a simplified user interface to access contents easily.
NFR-2	Security	Have a backup dataset. User reports should be accessed only by the respective users.
NFR-3	Reliability	Must work without error or minimum error
NFR-4	Performance	It is affected by the implementing algorithm. Depending on the error metrics we have to choose an algorithm with high response time.
NFR-5	Availability	Must be available for the user 24 x 7 without interruptions. Must be accessible for all types of users(mobile, laptop, etc.,)
NFR-6	Scalability	Should withstand a high number of users and large datasets.