

Project Design Phase-II

Solution Requirements (Functional & Non-functional)

Team ID	PNT2022TMID39696
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 sent through E-mail.
FR-3	Visualizing Data	Visualize the presence of heart disease through Dashboard created using IBM Cognos Analytic.s
FR-4	Generation Report	View and generate report.

Non-Functional Requirements :

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

FR.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 data set.
NFR-3	Reliability	Must work without error or minimum error and able to work with various data set

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.