

Project Design Phase-II

Solution Requirements
(Functional&Non-functional)

Team ID	PNT2022TMID16827
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 Analytics
FR-4	Generation Report	View and generate report.

Non-Functional Requirements:

Following are the functional requirements of the proposed solution.

FR.No	Non-Functional Requirement	Descripti on
NFR-1	Usability	Simple User Interface with easy understanding.
NFR-2	Security	Maintaina 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 data set
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<i>NFR-4</i>	<i>Performance</i>	<i>Depending on the error metrics we have to choose an algorithm with high response time .</i>
<i>NFR-5</i>	<i>Availability</i>	<i>It is based on the IBM Cognos analytics so it should be available all time.</i>
<i>NFR-6</i>	<i>Scalability</i>	<i>Should handle a high number of requests at a time and large datasets.</i>