

<b>PROJECT DESIGN PHASE – II</b>
<b>FUNCTIONAL &amp; NON-FUNCTIONAL REQUIREMENTS</b>

Date	24 October 2022
Team ID	PNT2022TMID02869
Project Name	Visualizing and predicting Heart Disease With An Interactive Dashboard

### Functional Requirements:

Following are the functional requirements 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	User Verification	Verification through Captcha (verify through “I am not a robot”)
FR-4	Visualizing Data	User can visualize the trends on the heart Disease through Dashboard created using IBM Cognos Analytics
FR-5	Generating Report	User can view his/her health report and can make decisions accordingly

### Non-Funtional Requirements:

Following are the non-functional requirements of the proposed solution

NFR-1	Performance	Relaying should be performed quickly. This
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		Prediction system should be made available in the cloud to make it easier to use and to set a new standard for affordable ,high -quality healthcare.
NFR-2	Availability	The application must be available for 24 x 7 for users without interruption .
NFR-3	Scalability	It is determined by the number of people who maintain the software or system based on its performance, such as workflow ,efficiency increase or decrease , response time,etc. maintenance, checking for software updates, and fixing server errors can all be measures of its scalability. This identifies a product of high quality.