

**Project Design Phase-II**  
**Functional & Non-functional Requirements**

Date	25 October 2022
Team ID	PNT2022TMID28768
Project Name	Visualising and predicting heart disease 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 Form. Registration through Gmail. Registration through LinkedIn.
FR-2	User Confirmation	Confirmation via Email. Confirmation via OTP.
FR-3	User Verification	Verification through CAPTCHA Verification through I'm 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-functional Requirements:**

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

NFR-4	<b>Performance</b>	Relaying should be performed quickly. This 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-5	<b>Availability</b>	The application has to be available 24 x 7 for users without any interruption.

NFR-6	<b>Scalability</b>	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.
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