Visualizing and Predicting Heart Diseases with an Interactive Dashboard

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Functional Requirements :

Following are the functional requirements of the proposed solution.

FR NO.	FUNCTIONAL REQUIREMENTS	SUB REQUIREMENT
FR-1	User Registration	Registration through Form. Registration through Gmail. Registration through Linked IN.
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	User Authentication	Recognition of correct person Resending the code in case of forgot password.
FR-5	User validation	Reconfirming the new password Sending a two digit number in (Google account) your Old devices, so that you can enter into a new device By entering the two digit number.
FR-6	User Submission	Submission through Google form Submission through Email.

Non-functional Requirements:

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

NFR NO.	NON-FUNCTIONAL REQUIREMENTS	SUB REQUIREMENT
NFR-1	Usability	The EHDPS predicts the likelihood of patients getting heart disease. It enables significant knowledge, eg, relationships between medical factors related to heart disease and patterns, to be established.
NFR-2	Security	When it deals with(comes to)health factors, we should provide more security services. There shouldn't be no errors, lagging , base of data of a patient profile, while working on the software or product.
NFR-3	Reliability	Reliability is said to be the measure of stability or consistency of test scores shown in your product. Therefore your product will normal as a good performance one in the field of accuracy.
NFR-4	Performance	The performance should be fast relaying. This prediction system should be made available in cloud to ensure better accessibility and setting a milestone in providing good quality affordable healthcare.
NFR-5	Availability	The Availability of getting used to this software or product design is through by accessing IBM cognos Analytics and IBM cloud.
NFR-6	Scalability	It is based on the number of users who maintaining the software or a system according to its performance like workflow, increase or decrease in efficiency , response time etc. It scalability can be measured by maintenance, checking in for software updates, fixing errors if occurred in server. By this a good quality of product is determined.