

PROJECT DESIGN PHASE - II

FUNCTIONAL REQUIREMENTS

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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	User can register for the application through Gmail
FR-2	User Confirmation	After registration, the user will get confirmation via Email
FR-3	Visualizing Data	Visualize the presence of heart disease through Dashboard created using IBM Cognos Analytics
FR-4	Generation Report	User can view their health report and can make decisions accordingly

Non-Functional Requirements :

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

FR.No.	Non-Functional Requirement	Description
NFR-1	Usability	Application will provide simple and user friendly graphical User Interface. Users can easily access the features of the application.
NFR-2	Security	For security of the application , database replication can be made.
NFR-3	Reliability	The application has to work without failure in any environment and minimum or no errors.
NFR-4	Performance	The system will have high speed and accuracy by choosing the appropriate algorithm.
NFR-5	Availability	The application has to be available 24 x 7 for users without any interruption
NFR-6	Scalability	The system will be faster and reduce the cost and time complexity of doctors.It can reduce the risk of critical factors.