

## Project Design Phase - II

### Proposed Solution

### Template

### Visualizing and predicting heart disease

Team ID : PNT2022TMID20513

### Functional Requirem :

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Email
FR-2	User Confirmation	Confirmation via Email
FR-3	Visualizing Data	Visualize the trends on heart disease through Dashboard created using IBM Cognos Analytics
FR-4	Generation Report	Report can be viewed by the users

### Non-functional Requirements:

FR No.	Non-Functional Requirement	Description
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NFR-1	Usability	Provide a simple UI. Actions can be easily performed by a few clicks. Features will be understandable.
NFR-2	Security	2 step authorization (for register) Have a backup dataset
NFR-3	Reliability	Error must be low.(Improve accuracy)Must work without glitches
NFR-4	Performance	It is affected by the implementing algorithm. Depending on the error metrics we have to choose an algorithm with high response time.
NFR-5	Availability	Must be available for the user 24 x 7 without interruptions
NFR-6	Scalability	Should withstand a high number of users and large datasets.