

***ProjectDesignPhase
- II***

***SolutionRequirements(Functional&Non-
functional)***

<i>TeamID</i>	PNT2022TMID23241
<i>ProjectName</i>	<i>Visualizing and Predicting HeartDiseaseswithanInteractiveDashbo ard</i>

FunctionalRequirements:

Followingarethefunctional requirements of the proposed solution.

<i>FR.No</i>	<i>FunctionalRequirement(Epic)</i>	<i>SubRequirement(Story/Sub-Task)</i>
<i>FR-1</i>	<i>UserRegistration</i>	<i>RegistrationscanbedoneusingEmail</i>
<i>FR-2</i>	<i>UserConfirmation</i>	<i>RegistrationConfirmationcanbese ntthroughE-mail.</i>
<i>FR-3</i>	<i>VisualizingData</i>	<i>Visualize the presence of heart disease throughDashboardcreatedusingIBMCognos Analytic.s</i>
<i>FR-4</i>	<i>GenerationReport</i>	<i>Viewandgeneratereport.</i>

Non-FunctionalRequirements:

Followingarethethe non-functionalrequirements of the proposed solution.

<i>FR.No</i>	<i>Non-FunctionalRequirement</i>	<i>Descripti on</i>
<i>NFR-1</i>	<i>Usability</i>	<i>Simple User Interface with easyunderstanding.</i>
<i>NFR-2</i>	<i>Security</i>	<i>Maintainasecondary/backupdatas etUser reports are kept safely andremovefalsedataset.</i>

<i>NFR-3</i>	<i>Reliability</i>	<i>Must work without error or minimum error and able to work with various dataset</i>
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<i>NFR-4</i>	<i>Performance</i>	<i>Depending on the error metrics we have to choose an algorithm with high response time.</i>
<i>NFR-5</i>	<i>Availability</i>	<i>It is based on the IBM Cognos analytics so it should be available to all time.</i>
<i>NFR-6</i>	<i>Scalability</i>	<i>Should handle a high number of request at same time and large datasets.</i>