# ProjectDesignPhase-II

## SolutionRequirements(Functional&Non-functional)

| TeamID | PNT2022TMID05510 |
|---|---|
| ProjectName | Visualizing and Predicting HeartDiseaseswithanInteractiveDashboard |

## FunctionalRequirements:

Followingarethefunctional requirementsoftheproposedsolution.

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

## Non-FunctionalRequirements:

Followingarethe non-functionalrequirementsoftheproposed solution.

| FR.No. | Non-FunctionalRequirement | Description |
|---|---|---|
| NFR-1 | Usability | Simple User Interface with easyunderstanding. |
| NFR-2 | Security | Maintainasecondary/backupdatasetUser reports are kept safely andremovefalsedataset. |
| NFR-3 | Reliability | Mustworkwithouterrororminimumerroranda bletoworkwithvarious dataset |

| NFR-4 | Performance | Depending on the error metrics we have tochooseanalgorithmwithhighresponsetime. |
| NFR-5 | Availability | ItisbasedontheIBMcognosanalyticssoit should beavailabletoalltime. |
| NFR-6 | Scalability | Should handle a high number of request atsametime andlargedatasets. |