

Project Design Phase-I
Proposed Solution Template

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID52957 |
| Project Name | Project - Visualizing and Predicting Heart Diseases with an Interactive Dashboard |
| Maximum Marks | 2 Marks |

Proposed Solution Template:

Project team shall fill the following information in the proposed solution template.

| S.No. | Parameter | Description |
|-------|--|---|
| 1. | Problem Statement (Problem to be solved) | The leading cause of death in the developed world is heart disease. Therefore, there needs to be work done to help prevent the risks of having a heart attack or stroke. |
| 2. | Idea / Solution description | Using a dataset to predict which patients are most likely to suffer from a heart disease in the near future using the features given. |
| 3. | Novelty / Uniqueness | Visualizing and prediction of heart disease is done by the use of interactive dashboard so ,it allows us to drill down and filter operational information so data can be viewed from different perspectives or in more detail |
| 4. | Social Impact / Customer Satisfaction | This project helps people in predicting the severity of their heart disease and to get it treated. Ensuring people lead a healthy life is our contribution to the society's welfare |
| 5. | Business Model (Revenue Model) | All the people,especially heart specialists and their patients along with hospitals can keep a record of their health and track/monitor them continuously using this interactive dashboard. |
| 6. | Scalability of the Solution | Create the dataset with similar diseases and situations from which the upcoming heart problems can be predicted . |