

**Project Design Phase-I**  
**Proposed Solution Template**

Date	19 September 2022
Team ID	PNT2022TMID51005
Project Name	Project - Visualizing and predicting heart disease prediction with interactive dashboard
Maximum Marks	2 Marks

**Proposed Solution Template:**

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

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To analyse which patients are most likely to suffer from heart disease based on given parameters. It can provide visualization dashboards and uses this information to easily visualize and predict the patient details.
2.	Idea / Solution description	Parameters in data set helps hospitals to identify the patient heart condition and their health condition. A dashboard using cognitive analysis can be created to present the data and utilize it for future use
3.	Novelty / Uniqueness	Many tests are taken by doctors to detect presence of heart disease. The parameters used are often understood only by medical professional. Time can be saved. To provide a significant contribution in computing strength scores with significant predictors in Heart disease prediction.
4.	Social Impact / Customer Satisfaction	<ul style="list-style-type: none"><li>● Reduces the patient's risk level</li><li>● Reduces the medical costs</li><li>● Save human lives</li><li>● Handy Interactive dashboard</li><li>● It will make the hospital to work efficiently</li><li>● It help the hospitals to know the health records of the heart patient</li></ul>
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"><li>● Awareness can be created among the patients through ads</li><li>● Updates will be updated according to the necessity for the patients</li><li>● No complexity</li><li>● Data security</li><li>● This project can be converted to an software kit, webpage or even an application which users can interact with.</li></ul>

6.	Scalability of the Solution	<ul style="list-style-type: none"><li>● Machine learning</li><li>● Scalable dataset</li><li>● Adding new characteristics</li><li>● Easy prediction of the patient details with heart</li><li>● Disease</li><li>● Maintains best user experiences</li></ul>
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