

# **VISUALIZING AND PREDICTING HEART DISEASE WITH AN INTERACTIVE DASHBOARD**

## **PROJECT DESIGN PHASE -I**

### **TOPIC 1 : PROPOSED SOLUTION**

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## **Proposed Solution Template:**

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

<b>S.NO</b>	<b>Parameter</b>	<b>Description</b>
1.	Problem Statement (Problem to be solved)	<ul style="list-style-type: none"><li>➤ To develop an interactive dashboard to predict the heart disease accurately with few tests and attributes the presence of heart disease.</li></ul>
2.	Idea/Solution description	<ul style="list-style-type: none"><li>➤ Analyzing data and identifying the heart disease using Cognos analysis.</li></ul>
3.	Novelty/Uniqueness	<ul style="list-style-type: none"><li>➤ Hoping to achieve maximum accuracy to provide prior treatment to the patients and reduce the fatality rate.</li></ul>
4.	Social Impact/Customer Satisfaction	<ul style="list-style-type: none"><li>➤ Saving lives, user friendly interactive dashboard</li><li>➤ Reduces the exorbitant medical cost of the patients.</li><li>➤ Reduces the biases and mistakes caused by the decisions of doctors based on their intuition and experiences.</li></ul>
5.	Business Model (Revenue Model)	<ul style="list-style-type: none"><li>➤ Data security.</li><li>➤ Easy to use.</li><li>➤ Constant updates according to necessity.</li></ul>
6.	Scalability of the Solution	<ul style="list-style-type: none"><li>➤ Can be used in any platform (Windows, mac etc.,)</li><li>➤ Adding new feature doesn't affect the performance of the system.</li><li>➤ Scalable dataset.</li></ul>