**Project Design Phase-I**

**Proposed Solution Template**

|  |  |
| --- | --- |
| Date | 19 September 2022 |
| Team ID | PNT2022TMID49226 |
| Project Name | Project - Visualizing and Predicting Heart Diseases with an Interactive Dash Board |
| Maximum Marks | 2 Marks |

**Proposed Solution Template:**

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

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Parameter** | **Description** |
|  | Problem Statement (Problem to be solved) | Easy to use heart disease predicting application with interactive easy to use dashboard.  Nutritional recommendation system and various other diseases other than heart to be explored. |
|  | Idea / Solution description | To develop an application which predicts heart diseases using heart scan and displays the issues in a dashboard solving manual intervention saving both time as well as helping when there is shortage of doctors such as the time of pandemic. |
|  | Novelty / Uniqueness | Various other non-heart diseases would be explored and nutritional recommendation system would also be explored. To this, security features would also be explored and if possible would be added. |
|  | Social Impact / Customer Satisfaction | The social impact is that it would be useful in many hospitals for immediate output and on a social cause, would be useful in UPHCs/govt hospitals. |
|  | Business Model (Revenue Model) | The business model is tentatively planned as a purchase for license model wherein the hospital or the government can purchase license for 1 user or in bulk and can pay price in bulk. No subscription fees has been planned as of now. |
|  | Scalability of the Solution | The solution is as of now scalable wherein a network can be introduced, and the solution can be deployed in cloud wherein process happening in a back-centre. The business model can then be changed into a subscription model from a pay for license model. It can also be expanded to various other diseases for various inputs. |