Project Design Phase-I
Proposed Solution

Date	19 September 2022
Team ID	PNT2022TMID26984
Project Name	Project - Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation
Maximum Marks	2 Marks

Proposed Solution:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Finding of type of Arrhythmia with the report of ECG, which can be accessed by professionals and the public with a consultation.
2.	Idea / Solution description	The application will be built with all regard to age, gender, and other medical concerns. The reach to the identification would be initiated as a softcopy or scanned hardcopy.
3.	Novelty / Uniqueness	Competing with family members/ colleagues/ friends (challenging makes more interest in health). Checking of heart rate and avoidance of abnormalities in a person. This can be done with simple software that could give regular checks on heart rate and easier lifestyle changes.
4.	Social Impact / Customer Satisfaction	The pre-existing system is not supportable for public usage, and a tracking system.
5.	Business Model (Revenue Model)	Giving a mutual benefit for people and hospitals, in-app purchases.
6.	Scalability of the Solution	It is scalable through tie-ups with government hospitals, agri-technologies, food technologies, or even corporates.