

Project Design Phase-I
Proposed Solution Template

Date	13 November 2022
Team ID	PNT2022TMID34634
Project Name	Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation
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)	Classification of Arrhythmia using Convolutional Neural Network(CNN)
2.	Idea / Solution description	Using 2-D ECG Spectral Image predict the classification of Arrhythmia
3.	Novelty / Uniqueness	When the image is fed into the application it will give the results within several seconds
4.	Social Impact / Customer Satisfaction	Using this method the customer can get accurate results. He/she may find any early symptoms easily and consult a doctor.
5.	Business Model (Revenue Model)	This application can be accessed by the all customers to check their heart conditions
6.	Scalability of the Solution	This application can be used to find any classification of Arrhythmia