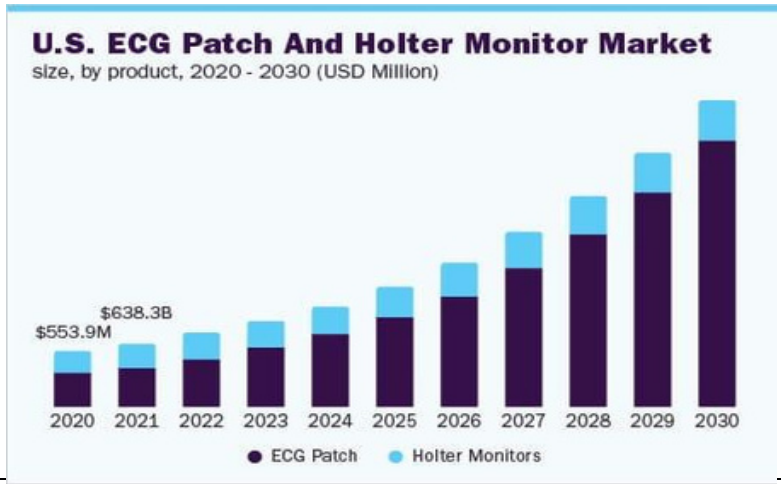
Project Design Phase-I
Proposed Solution Template

Date	**18-10-2022**
Team ID	PNT2022TMID12347
Project Name	Project- Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To make the ECG system in fully automated manner to reduce work Train the model using more dataset to classify the waveforms accurately
2.	Idea / Solution description	Automated process of feature detection and extraction in providing concise and accurate results, which thusly delivered an allure in the space of heartbeat classification Holter monitor
3.	Novelty / Uniqueness	Using two deep neural networks in conjunction by merging them in a hierarchical layered structure to form a single robust model Using CNN and LSTM for classification
4.	Social Impact / Customer Satisfaction	It saves time It increases the accuracy of classification
5.	Business Model (Revenue Model)	

6.	Scalability of the Solution	It can handle any amount of data and classify various types of arrhythmia in fully automated manner