

Project Design Phase-I

Proposed Solution

Proposed Solution:

| S. No. | Parameter | Description |
|--------|--|---|
| 1. | Problem Statement (Problem to be solved) | <p>1.Electrocardiography (ECG) is a method for monitoring the human heart's electrical activity.</p> <p>2.ECG signal is often used by clinical experts in the collected time arrangement for the evaluation of any rhythmic circumstances of a topic.</p> <p>3.The research was carried to make the assignment computerized by displaying the problem with encoder-decoder methods, by using misfortune appropriation to predict standard or anomalous information.</p> |
| 2. | Idea / Solution description | <p>1.Electrocardiogram signals have been widely used to identify arrhythmias due to their non -invasive approach.</p> <p>2.A better alternative is to utilize deep learning models for early automatic identification of cardiac arrhythmia, thereby enhancing diagnosis and treatment.</p> |
| 3. | Novelty / Uniqueness | <p>1.When the cardiac arrhythmia problem occur, we can find out the pulse wave in minutes.</p> <p>2. It is easy to find out the cardiac problem.</p> |
| 4. | Social Impact / Customer Satisfaction | <p>1.This can reduce the arrhythmia problem in the beginning stage by the pulse wave.</p> <p>2.The user can also use the as a surveillance.</p> <p>3.By the way monitor the patient.</p> |
| 5. | Business Model (Revenue Model) | <p>1.This application will be available in the multi- speciality hospital.</p> <p>2.Government providing this type service.</p> |
| 6. | Scalability of the Solution | <p>1.This application can monitor different phase simultaneously and can detect cardiac arrhythmia with high accuracy.</p> |