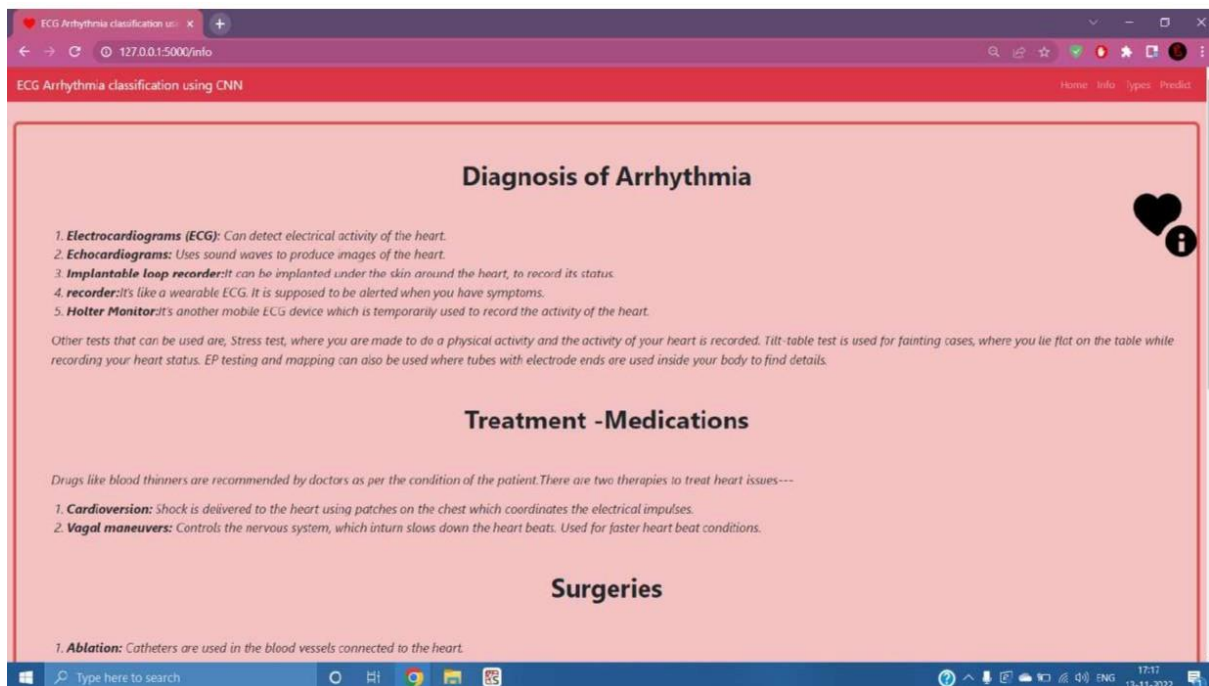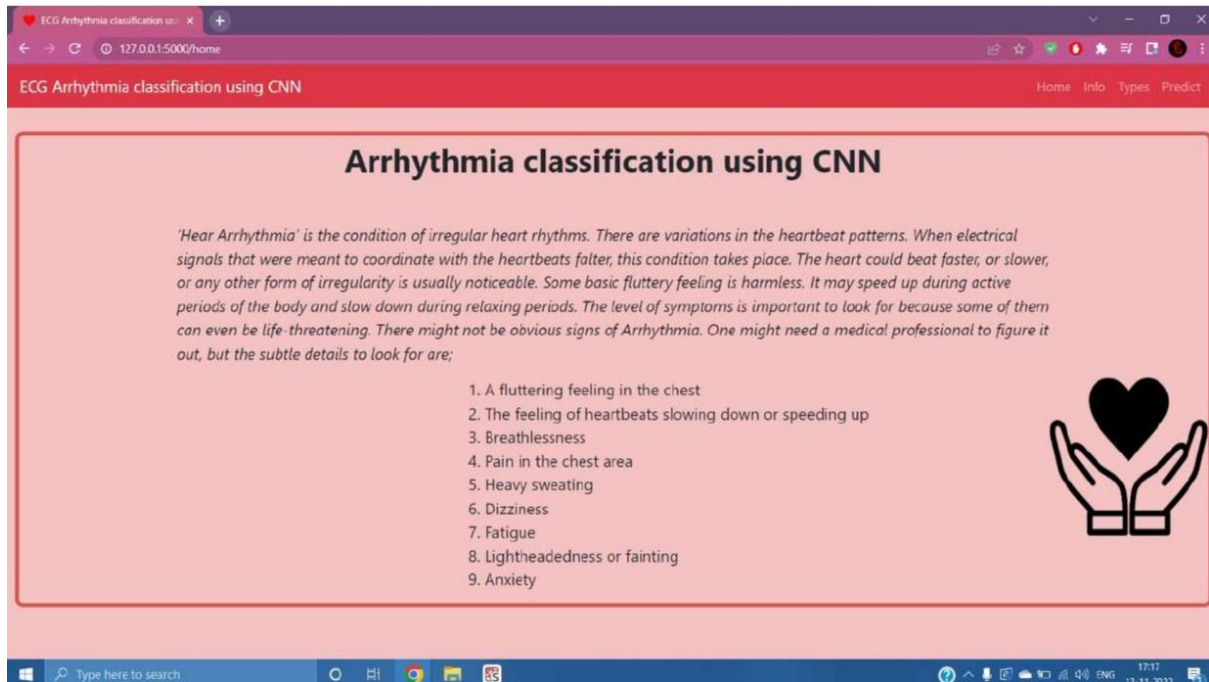| Team id	PNT2022TMID00644
Project name	Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation

Screenshots of app

ECG Arrhythmia classification using CNN   Home Info Types Predict

Types of Arrhythmia

Arrhythmias are usually categorized based on the speed of heart rate. The six main categories would be-

1. *Normal*
2. *Left Bundle Branch Block*
3. *Right Bundle Branch Block*
4. *Ventricular Fibrillation*
5. *Premature Atrial Contraction*
6. *Premature Ventricular Contractions*

1.Left Bundle Branch Block:

A delay or blockage of electrical impulses to the left side of the heart. Left bundle branch block sometimes makes it harder for the heart to pump blood efficiently through the circulatory system. Most people don't have symptoms. If symptoms occur, they include fainting or a slow heart rate. If there's an underlying condition, such as heart disease, that condition needs treatment. In patients with heart failure, a pacemaker can also relieve symptoms as well as prevent death.

2.Premature Atrial Contraction:

Premature atrial contractions (PACs) are extra heartbeats that start in the upper chambers of your heart. When the premature, or early, signal tells the heart to contract, there may not be much blood in the heart at that moment. That means there's not much blood to pump out.

3.Premature Ventricular Contractions:

Premature ventricular contractions (PVCs) are extra heartbeats that begin in one of the heart's two lower pumping chambers (ventricles). These extra beats disrupt the regular heart rhythm, sometimes causing a sensation of a fluttering or a skipped beat in the chest. In the vast majority of cases, PVCs have no known cause and occur spontaneously. Common known etiologies include excess caffeine consumption, excess

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ECG Arrhythmia classification using CNN   Home Info Types Predict

Upload your image to be classified!

Would you like your heart beat pattern to be analysed?

Then, you have come to the right place!

Know your health of your Heart in a Single Click!!

Choose File pvc.png

Result: Normal