

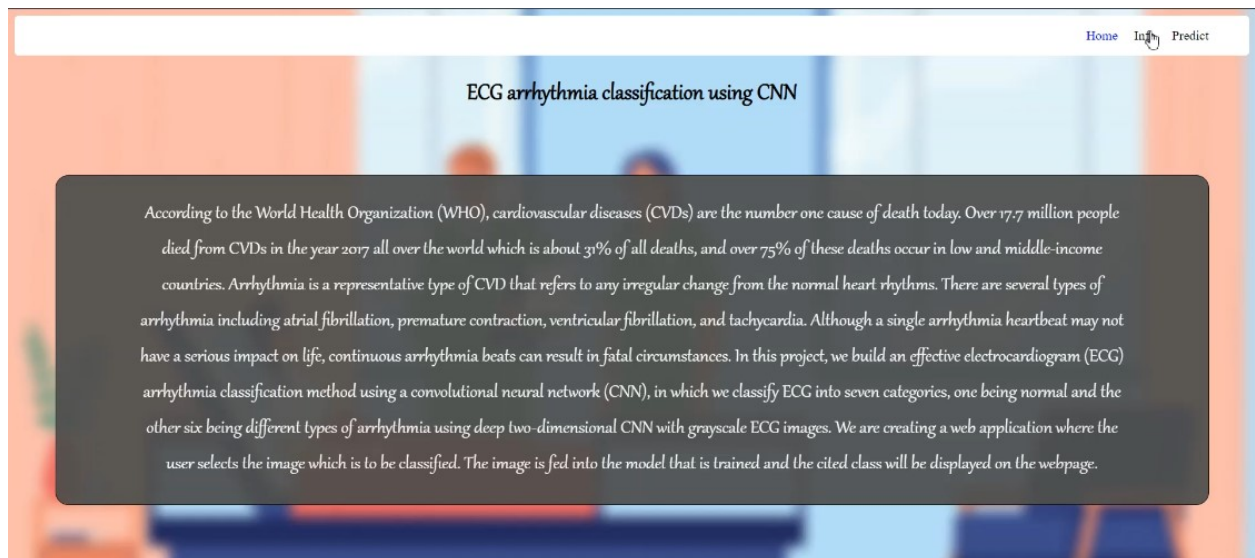
## PROJECT DEVELOPMENT PHASE

### SPRINT- IV

Team ID	PNT2022TMID03100
Title	Project - Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation

RUN NING OF THE APPLICATION:

#### HOME PAGE:



## INFO PAGE:

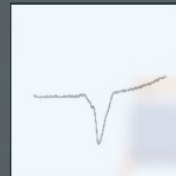
### Normal

A normal ECG is illustrated here. Note that the heart is beating in a regular sinus rhythm between 60 - 100 beats per minute (specifically 82 bpm)



### Left Bundle Branch Block

Left bundle branch block is a conduction abnormality in the heart that can be seen on an electrocardiogram (ECG). In this condition, activation of the left ventricle of the heart is delayed, which causes the left ventricle to contract later than the right ventricle.



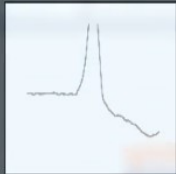
### Premature Atrial Contraction

Premature atrial contractions are extra heartbeats that begin in one of your heart's two upper chambers (atria). These extra beats disrupt your regular heart rhythm.



### 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.



### Right Bundle Branch Block

A right bundle branch block (RBBB) is a heart block in the right bundle branch of the electrical conduction system. During a right bundle branch block, the right ventricle is not directly activated by impulses travelling through the right bundle branch. The left ventricle, however, is still normally activated by the left bundle branch.

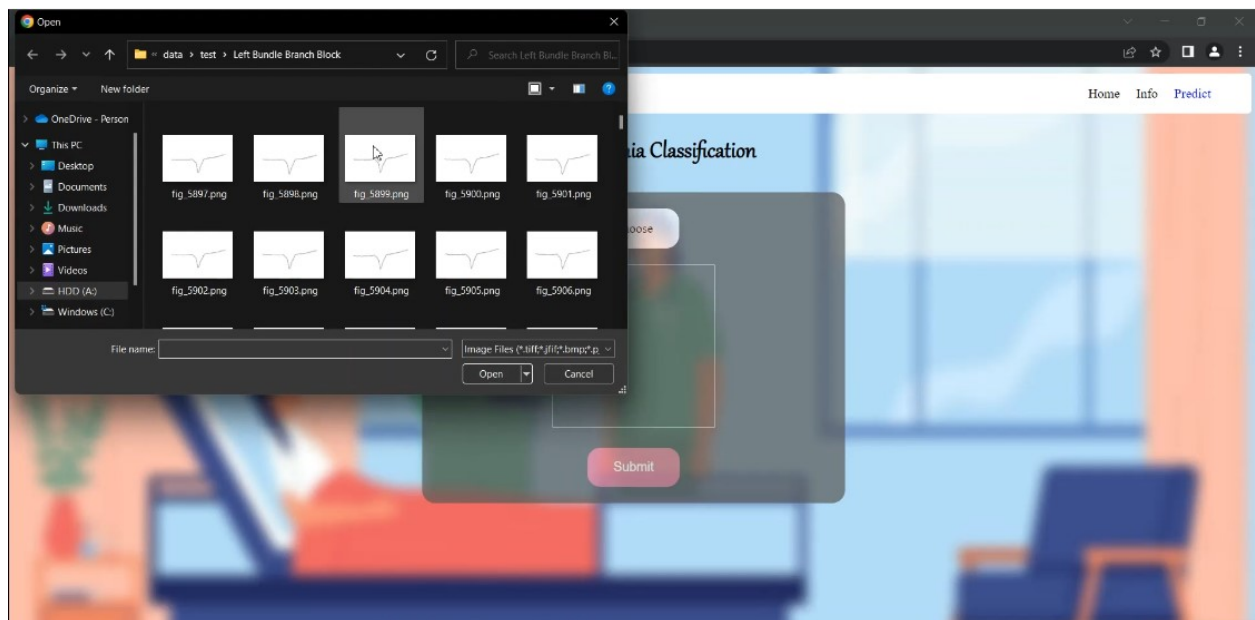
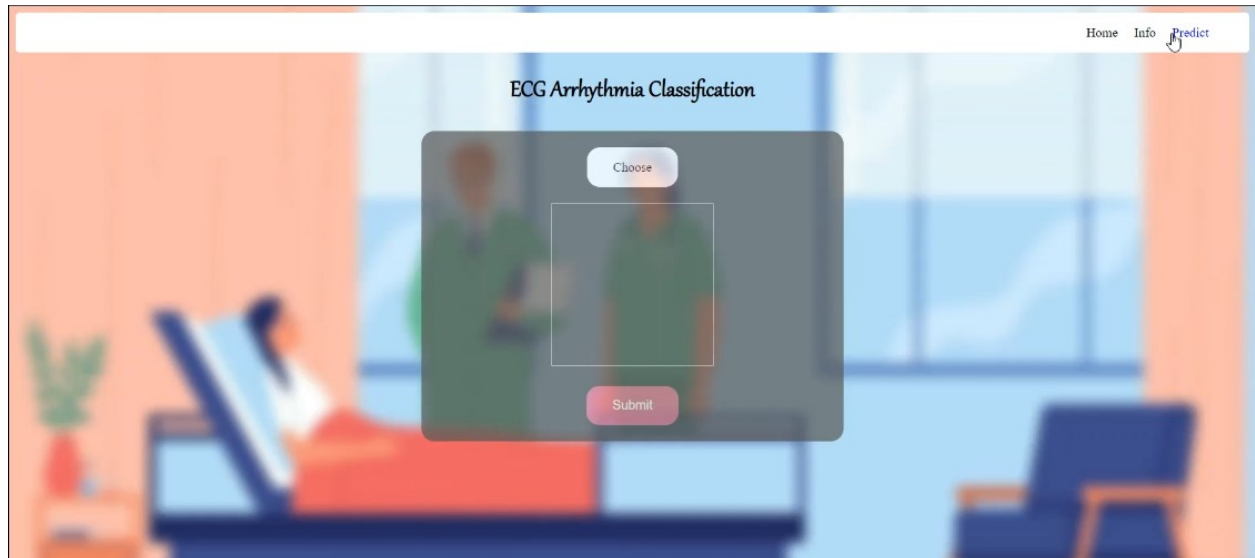


### Ventricular Fibrillation

Ventricular fibrillation is a type of abnormal heart rhythm (arrhythmia). During ventricular fibrillation, disorganized heart signals cause the lower heart chambers (ventricles) to twitch (quiver) uselessly. As a result, the heart doesn't pump blood to the rest of the body.



## PREDICTION PAGE:



### Predicted result

You are diagnosed with Left Bundle Branch Block.

