

Sprint-3

Application Building

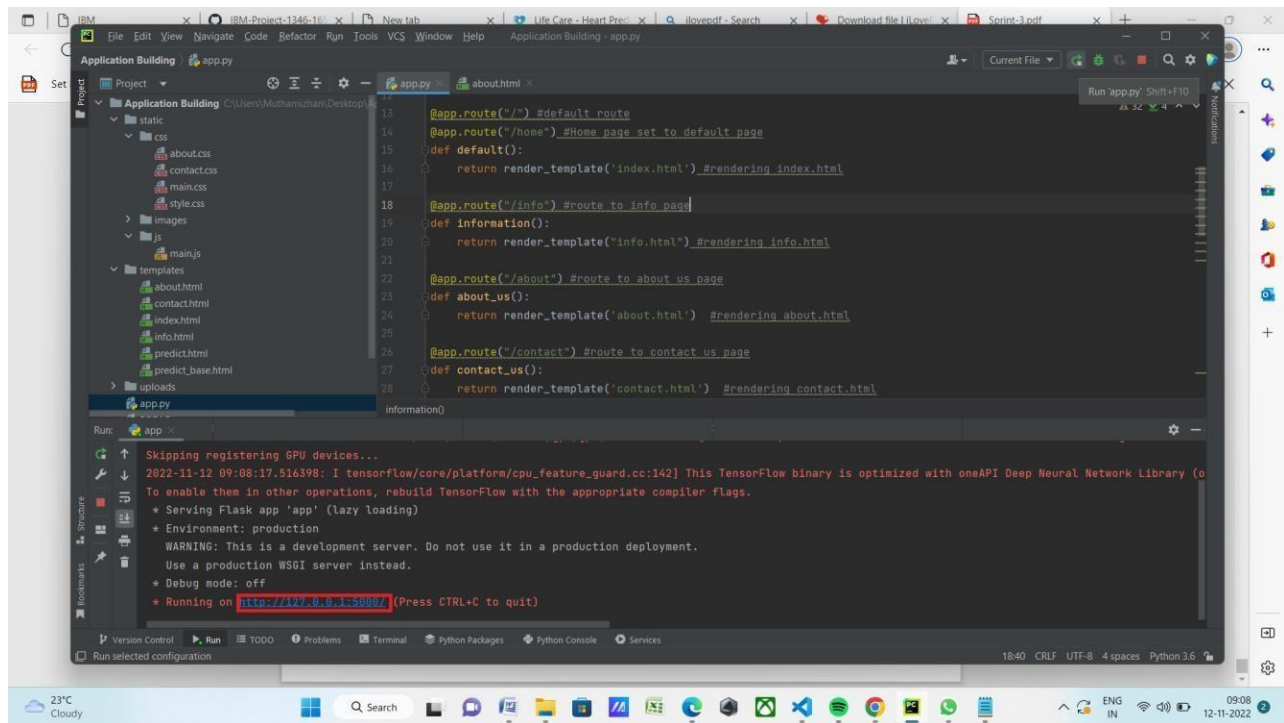
RUN THE APP

Date	11Nov 2022
TeamID	PNT2022TMID28062
ProjectName	Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation

TASK:

Run The App.

RUN ON LOCAL HOST (SCREEN SHOT):



The screenshot shows a code editor with a project named 'Application Building'. The file explorer on the left shows a directory structure with 'static' (css, images, js) and 'templates' (about.html, contact.html, index.html, info.html, predict.html, predict_base.html) folders. The main code file 'app.py' is open, showing Flask routes for default, info, about, and contact pages. The terminal at the bottom shows the command 'python app.py' being executed, and the output indicates the application is running on 'http://127.0.0.1:5000/'.

```
from flask import Flask, render_template

app = Flask(__name__)

@app.route("/") #default route
@app.route("/home") #Home page set to default page
def default():
    return render_template("index.html") #rendering index.html

@app.route("/info") #route to info page
def information():
    return render_template("info.html") #rendering info.html

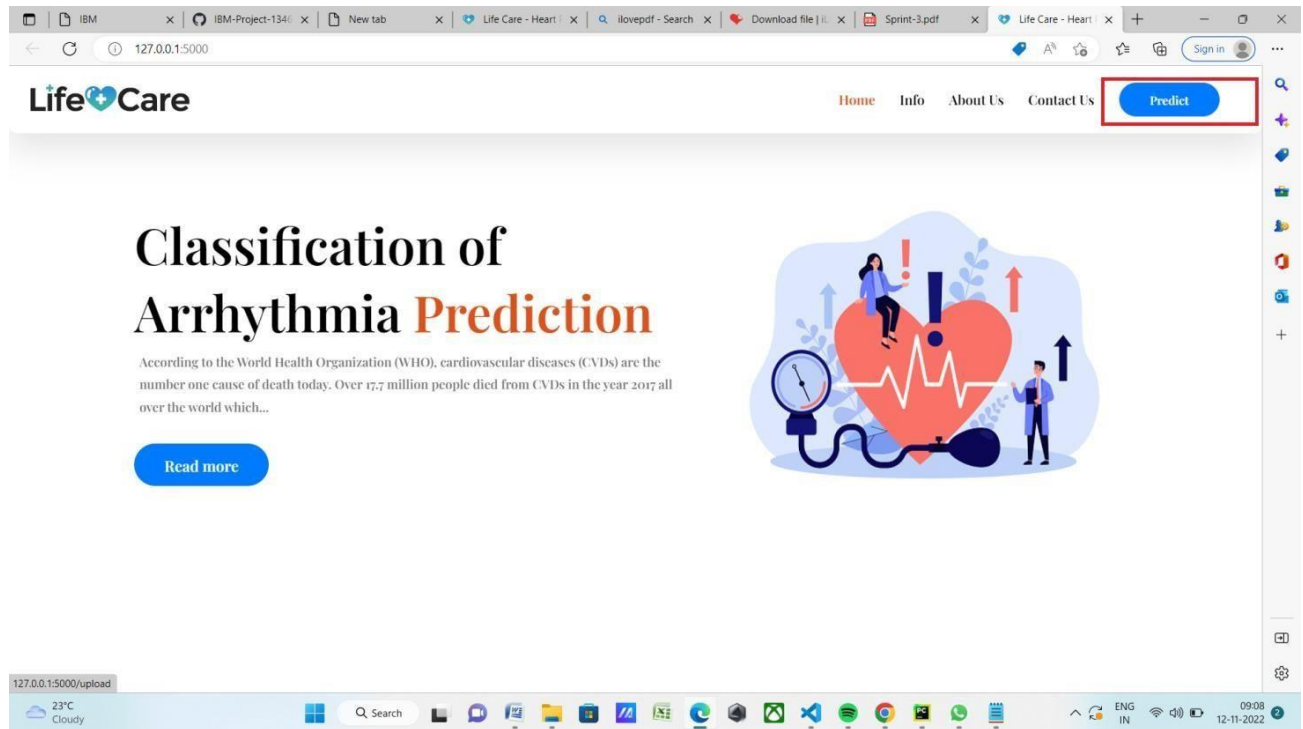
@app.route("/about") #route to about us page
def about_us():
    return render_template("about.html") #rendering about.html

@app.route("/contact") #route to contact us page
def contact_us():
    return render_template("contact.html") #rendering contact.html
```

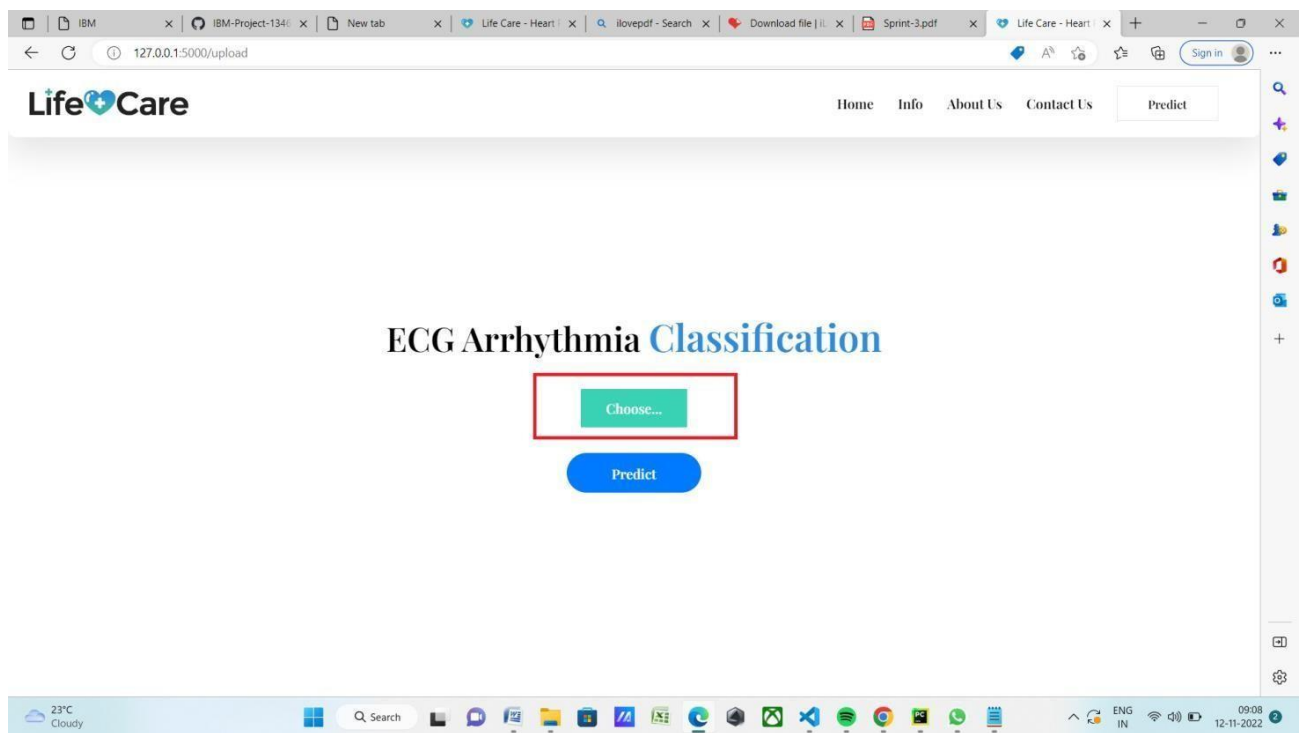
Skipping registering GPU devices...
2022-11-12 09:08:17.516398: I tensorflow/core/platform/cpu_feature_guard.cc:142] This TensorFlow binary is optimized with oneAPI Deep Neural Network Library (To enable them in other operations, rebuild TensorFlow with the appropriate compiler flags).
* Serving Flask app 'app' (lazy loading)
* Environment: production
WARNING: This is a development server. Do not use it in a production deployment.
Use a production WSGI server instead.
* Debug mode: off
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)

LOCAL HOST:

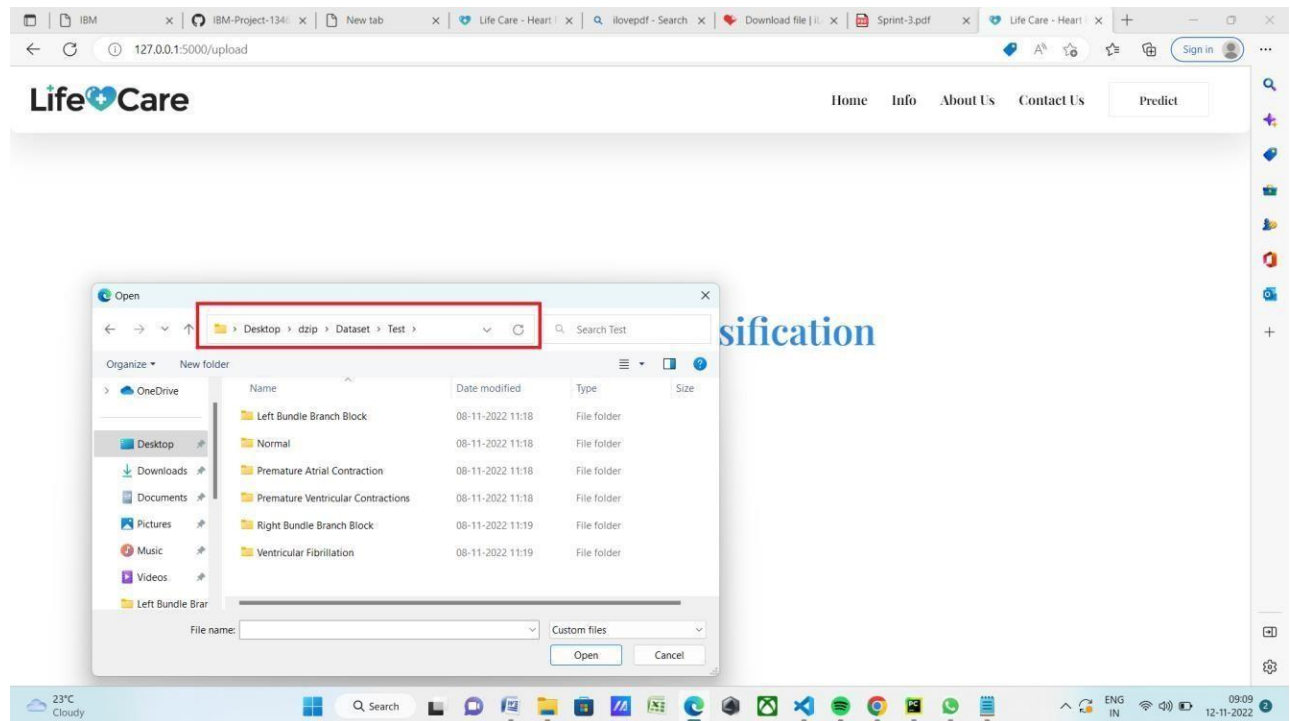
CLICK PREDICT (SCREEN SHOT)::



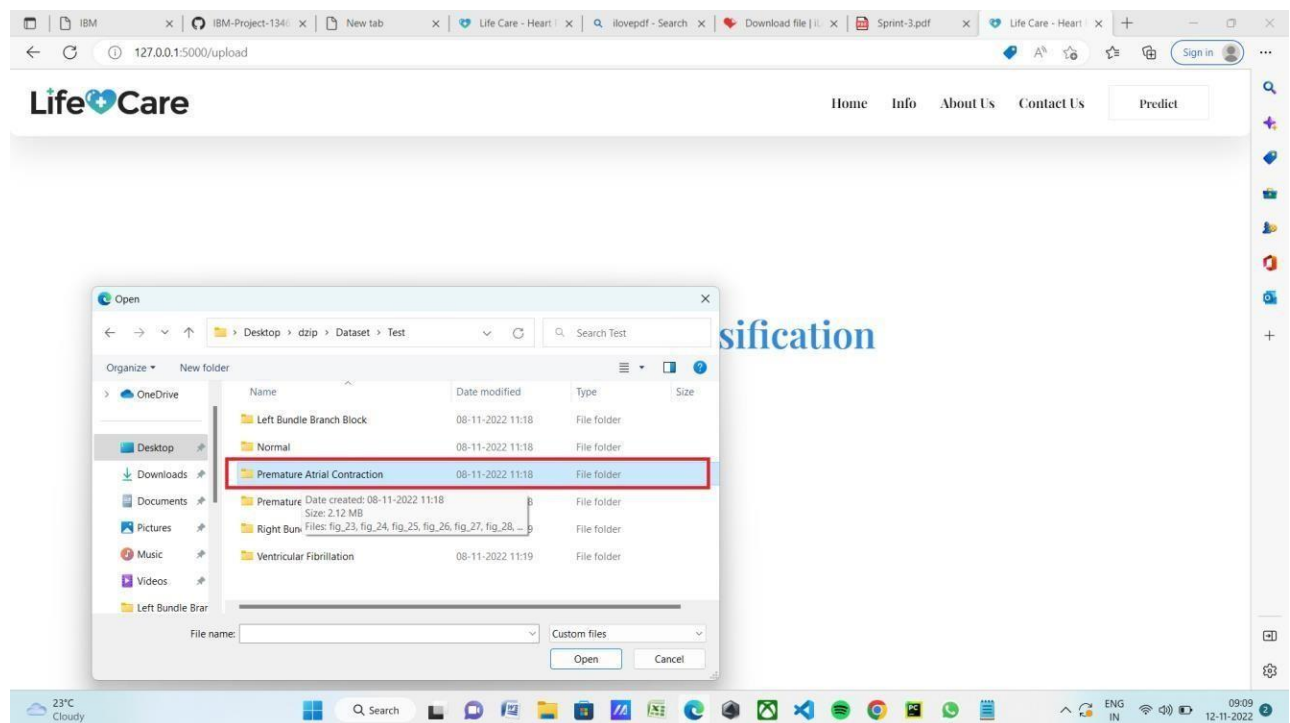
CLICK CHOOSE BUTTON (SCREEN SHOT):



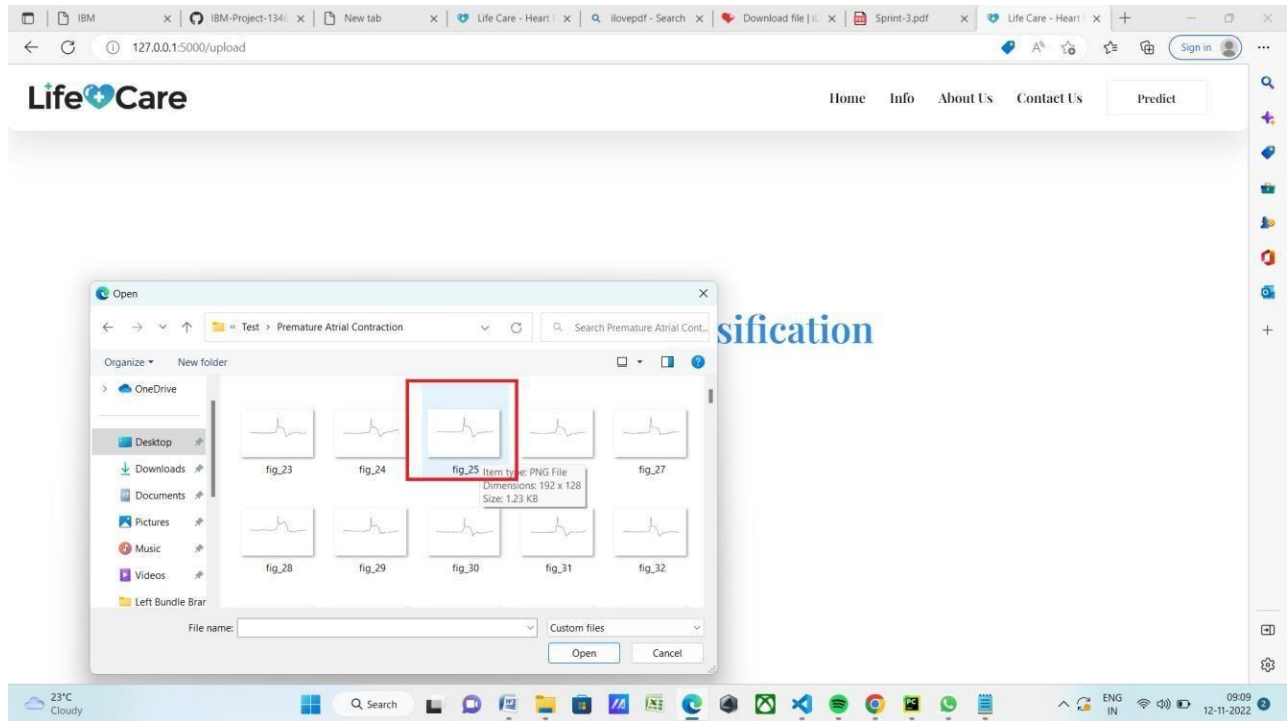
GO TO UNKNOWN FILE (SCREEN SHOT):



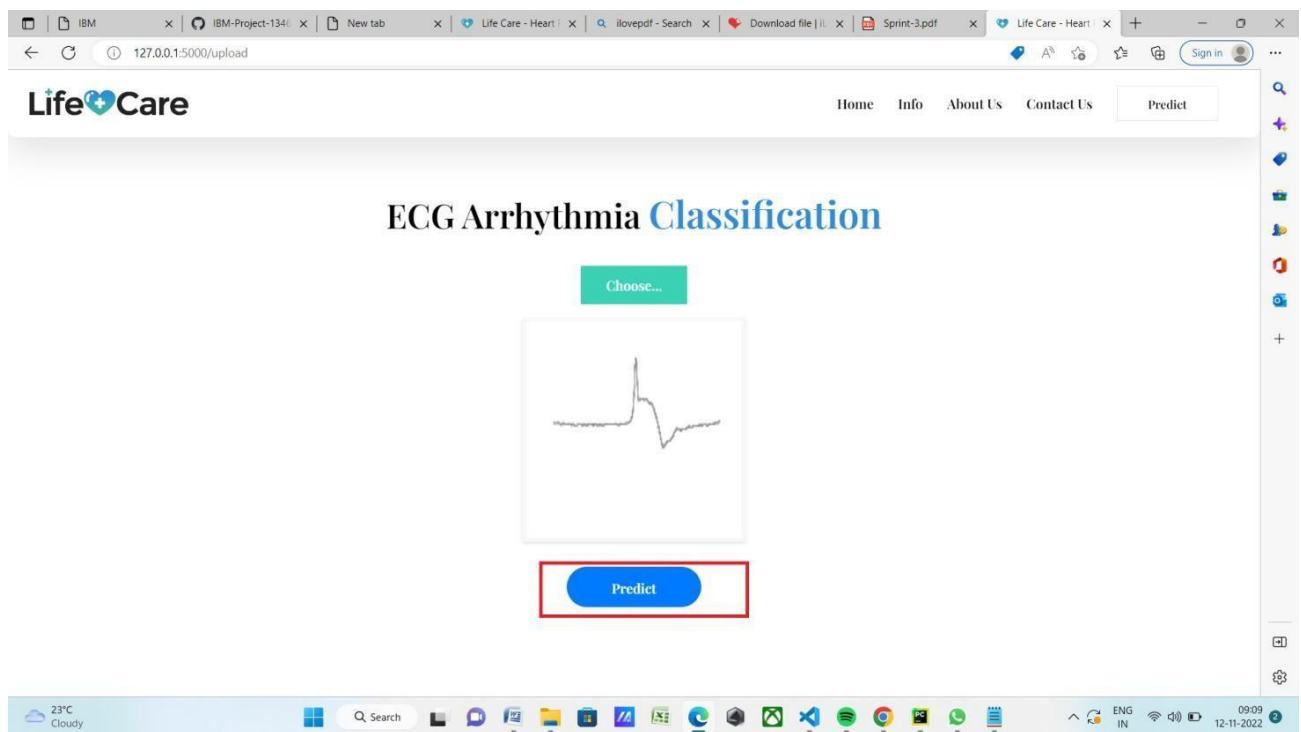
SELECT ANY FILE (SCREEN SHOT):



CLICK ANY ECG PHOTO (SCREEN SHOT):



CLICK PREDICT BUTTON (SCREEN SHOT):



SHOW ON RESULT (SCREEN SHOT):

IBM Project-134 New tab Life Care - Heart ilovepdf - Search Download file Sprint-3.pdf Life Care - Heart


127.0.0.1:5000/upload

LifeCare

Home Info About Us Contact Us Predict

ECG Arrhythmia Classification

Choose...



Result: Premature Atrial Contraction

23°C Cloudy Search ENG IN 09:09 12-11-2022

PREDICT THE CORRECT RESULT