

A Gesture-based Tool for Sterile Browsing of Radiology Images

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Build Python Code

- Build flask file 'app.py' which is a web framework written in python for server-side scripting.
- App starts running when “__name__” constructor is called in main.
- render_template is used to return html file.
- “GET” method is used to take input from the user.
- “POST” method is used to display the output to the user.
- Importing Libraries

```
from flask import Flask, render_template, request
# Flask-It is our framework which we are going to use to run/serve our application.
# request-for accessing file which was uploaded by the user on our application.
import operator
import cv2 # opencv library
import matplotlib.pyplot as plt
import matplotlib.image as mpimg
import numpy as np

from tensorflow.keras.models import load_model #to load our trained model
import os
from werkzeug.utils import secure_filename
```