Building Flask Application -Part 3

Preprocesing frame

Each frame is taken from the camera and processed and sent to the model for prediction. As discussed image undergoes different processing steps to meet model requirements to get predictions.

```
#preprocessing the frame captured from camera
def detect(frame):
        img = resize(frame,(64,64,1))
        img = np.expand_dims(img,axis=0)
        if(np.max(img)>1):
            img = img/255.0
        with graph.as_default():
                prediction = model.predict_classes(img)
        print(prediction)
        pred=vals[prediction[0]]
        print(pred)
        return pred

```

This below in the snippet for calling video feed from the HTML page.

```
@app.route('/video_feed')
def video_feed():
    return Response(gen(),
                    mimetype='multipart/x-mixed-replace; boundary=frame')

if __name__ == '__main__':
    app.run(host='0.0.0.0', debug=True)

```