

FLASK APP (STEP-2):

Configure app.py to fetch the URL from the UI, process the URL, get the input parameters from the URL and return the prediction.

```
@app.route('/')
def home():
    return render_template('welcomepage.html')

@app.route('/website')
def predict():
    return render_template('website.html')

ans = ""
bns = ""

@app.route('/result_processing_function', methods=['POST', 'GET'])
def y_predict():
    url = request.form['url']
    checkprediction = inputscript.main(url)
    prediction = model.predict(checkprediction)
    print(prediction)
    output=prediction[0]
    if(output==1):
        pred="You are safe!! This is a legitimate Website."
        return render_template('website.html',bns=pred)
    else:
        pred="You are on the wrong site. Be cautious!"
        return render_template('website.html',ans=pred)

@app.route('/predict_api', methods=['POST'])
def predict_api():
    data = request.get_json(force=True)
    prediction = model.y_predict([np.array(list(data.values()))])
    output=prediction[0]
    return jsonify(output)

if __name__ == '__main__':
    app.run()
```