# Nasty Planning

**Trainer.py**

Trainer should ask to import a particular .hd5 file.

**Tester.py**

Should import the pre-trained neural network hd5 file., and run a test of it with a single image in a file it should then return the nasty% of that file.

The NODE file should both deploy a super simple front end UI as a 2 page app.

1st page explains the app and gives the user a chance to upload an image and press test.

This then shows the result.

The node front end should either

TesterPy Backend:

-import all that needs to be imported including flask

-create the http call response for /test

-Part of the PUT request should be a URL to an image.

-It should take that image, and run it through the neural network

-it should respond to the HTTP PUT request with a single value, the value

Of the predictor.classify function.

Node server:

-Serve the page.

Page Front end:

- 1st page explains the app and gives the user a chance to elect a URL for the image and press test.

This makes a HTTP call to the python server, which then returns a true or false value.

This triggers the front end to display nasty or not.