Task 0: Explain what you are doing/ going to accomplish

 Create a basic python server for the website and a simple index page with text to test if the program is running

Task 1: Sketch interface design

*Draft a rough design for the interface that allows the user to trigger functionality in task 1, while also annotating where the information in task 2 will be displayed. Create another sketch listing the interface widgets used to create the interface.*

Task 2: Identify any classes required

*Explain what the class will represent, plus listing what information will be stored in the class and any functions the class will have.*

Task 3: Identify information to be displayed

*What information will the interface need to display to the user?*

Test text

Task 4: Identify user inputs

*What program functions can the user trigger through the interface?*

Task 5: Identify any constants or existing data if required

Task 6: Identify indexed data structures

Task 7: Determine what calculations are necessary

*Write out the calculations the program will have to compute.*

Task 8: Develop a modular structure for your program

*Describe any functions that the computer program will have, identifying any sub-functions where required.*

Import run, route, etc … from bottle

@route("/index")

@view("index")

def index():

pass

run(host='0.0.0.0',port = 8080, reloader=True, debug=True)

Task 9: Define the functions identified

def index():

pass

Most of the pages may end up like this.

*Describe the functions for both the main program and any classes in terms of input and/or output where required. You may choose to do this with flow charts or pseudo-code (not Python code!). Add in additional steps or explanations using sequential, conditional, iterative statements where required. Identify global and/or local variables.*

Task 10: Address any relevant implications such as usability, functionality, legal/ethical requirements.

Task 11: Document test cases for testing the program

*Document any testing that can be used to test your program. If any input is inputted using the keyboard, describe the expected input, plus any exceptional, boundary or invalid cases.*

The program should allow me to access the website by localhost and should show the index page which only has text on it to show its working

Task 12: Refine the plan

*Note any modifications here when iterating through the development cycles.*

Task 13: Document testing

*Show screenshots of your program working with descriptions of each image. These images should test the tests cases listed above.*

­­The code is working and it’s showing me the index page with my test text on it.

Task 14 : Evaluation

*How did your version turn out*

It went fine, next step is to make a UI (user interface) on the website in version 2.0