Criterion E- Evaluation

Criteria for Success Accomplishments

Green = Criteria accomplished
Red = Not accomplished

What the Program Will Do

- ☐ Track time spent on activities/ tasks for each day
- ☐ Display a visual representation of all tasks and the time it takes to complete
- ☐ Show activities that are incomplete/ completed
- ☐ Display a graph/ progress bar of time spent on certain activities

User Friendly Features

- ☐ User documentation
  - Considering the application is easy to follow provided by comprehendable labels and tabs, the client already agreed that he understood how it functions without any instructions.
- ☐ Easy to read labels
- ☐ GUI elements such as combo boxes and radio buttons
- ☐ Search tab where the user can search for specific tasks and view the details

Error/exception Handling

- ☐ Not pressing "OK" after every time that is inputted
- ☐ Leaving text fields empty such as "task name"
  - When the task name was left empty with all of the other inputs, the program still processed it and displayed it on the table excluding the task name. The client hoped to have an error message pop up if this occurred.
- ☐ Inputting a String in the text field requiring only integers

Program Efficiency

- ☐ Program can run on any device such as a phone, laptop or smart watch (a specific maximum amount of storage memory the program may use).
  - The application can only run on a computer/laptop, the client is unable to access it on a mobile phone. The program only functions properly on a desktop, however this is not a problem for the client because he spends most of his time on a computer.
- ☐ This program can be applied to anyone

Effectiveness

The program has accomplished most of the criterias for success with a few minor errors such as leaving the task name field blank and displaying it on the table. However, the application has efficiently managed to convey the main purpose and goal of the program. As stated in the final interview in the form of an email, the client stated the program was "intuitive"[1] and easy to implement into his daily routine.

Recommendations for further development

Minor Improvements:

The client stated he "didn't like the fact [he] had to click on refresh inside all the tabs to see an update"[2], thus it would be better to have an automatic update when the user inputs new data.

Mr. Eng suggested[3] it would be better to have a larger task list box under the To Do List Display so he can easily see all of the tasks instead of scrolling four tasks at a time.

There was also a suggestion to include an error message if the user inputted the wrong data type in a text field, therefore a popup box in red text can appear to warn the user.

Major improvements:

While searching for a task, the user should be able to input a shortened version for long task names. This will allow a more efficient way to input data and save the client's time.

Under the Input Task tab, the client tried entering "0" as the time it takes to complete, however this is an evident error considering it is impossible to complete a task without spending time on it. He states, "There should be an error check for (<0)"[4].

With all of these improvements to consider in the future, the application can perform at its optimal efficiency.

Words: 550

TOTAL WORD COUNT: 1762

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[1]Eng, Kaila. "Re: Computer Science To-Do List Program Updates" Message to Andrew Eng. 24 March 2020. E-mail.
[2]Eng, Kaila. "Re: Computer Science To-Do List Program Updates" Message to Andrew Eng. 24 March 2020. E-mail.
[3]Eng, Kaila. "Re: Computer Science To-Do List Program Updates" Message to Andrew Eng. 24 March 2020. E-mail.
[4]Eng, Kaila. "Re: Computer Science To-Do List Program Updates" Message to Andrew Eng. 24 March 2020. E-mail.