

Criterion E: Evaluation

Evaluation of the product based on Criterion A's Criteria for Success

Criteria of Success (from Criterion A)

Things that it does

- Takes user inputs of daily activities and does calculations with the data inputted.
- Takes in user inputs about how they feel after doing said activities.
- Stores data entries and sorts it so that the user may view previous data entries at any given time.
- Recommends the amount of time the user should spend in each activity next week.

User Friendliness

- Clean, easy to read labels that help the user understand the functions of different textboxes and buttons.
- Organized tabs which are able to convey their specific function to the user so that the user may easily navigate through the program without confusion.

Error/Exception Handling

- Handles too much input and invalid input.
- Handles invalid calculations.

Effectiveness

Due to a misjudgement of time management and a lack of familiarity with the IDE Netbeans, the program was not completed as planned. The program, in its current state, is able to take in user inputs, store them, and present them back to the user as values in tables. However, it is unable to output any recommendations from analyzing the inputted data nor can it store information and display for over a week of input. So in this aspect, the program is somewhat lacking.

After showing the client the prototype of the final interface, there was a lot of positive feedback. The four tabs of the program were designed so that they were simple enough to follow and understand. The labels and textboxes were organized in a clean and easy to read manner and the user was able to comprehend the primary function of each of the tabs as well as how they would have worked alongside one another. In terms of user friendliness, the program was satisfactory.

Recommendations for Further Development

Minor Improvements

There are many minor improvements that could be added to this program. One minor improvement that could be made to the program could perhaps be refining the fourth tab to become more comprehensible or include a little more content. Another minor improvement is to add more to the third tab, "End of the Week", giving it the ability to store and present more values in the table than for just one week of daily inputs.

Major Improvements

The one major improvement required for this program is functionality. As of now, it offers little function for the user. It would be interesting for the program to be customizable by the user at any given time, perhaps allowing the user to change any mistyped data in tables or edit their arsenal of physical activities, for example changing swimming to running. Given more time, the program may be more interactable and it might even be able to make calculations based on inputted data by the user over long periods of time. And with more time, the third tab may be able to store and present more data than what it currently does. The recommendation the program makes for the user may also increase in accuracy or offer more precise/detailed advice for the following week.

Word Count: 413