Criterion E

Evaluation

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# Meeting Success Criteria

|  |  |  |
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| **Success Criterion** | **How was this success criterion met?** | **Was criterion met?** |
| 1 | Each user has a CSV file[[1]](#footnote-1) generated when they register, holding a list of comma-separated company file names. This means that companies can be added or deleted from the user file by adding or removing their file names from the user’s CSV file. | This criterion was effectively met by using CSV files for storage of user data. |
| 2 | Each company has its own CSV file associated with it within which the company details (including its name, description, and country) and company statistics (revenues and costs) are stored. | The use of CSV files for storing company data means the criterion was effectively met. |
| 3 | User inputs such as the username and password upon user and login are checked to not be blank. Additionally, other inputs such as the company files themselves are checked to see if they are the correct filetype and if the structure of the data within the file is correct. | The program does not have a large multitude of points for user input, those that exist have proper user validation and therefore this criterion has been met. |
| 4 | The interface of the program is simplistic, and each interface features a clear banner at the top to indicate what it is for. | When using the program, it is noticeably easy to use, my Computer Science teacher said that it does meet this criterion, but I could aim to make some UI elements larger and more readable in the future to improve user experience. This criterion was met but has room for improvement. |
| 5 | Documentation is embedded into the interfaces using a button in the same position in the top left of every interface. Upon interaction, the button displays a popup to the user with information about the current interface and its functionality. | The use of the button means the criterion was met in terms of providing easy to use embedded documentation. My client did say that some features and buttons were not made clear by this additional information, and although the criterion was met there is potential elaboration that could be done with the documentation about certain features. |
| 6 | Users can load companies from their company file and view their statistics as well as merging them, both features that require that the program is able to read company data. | This success criterion is adequately meant as company data is retrievable from the company file since it is used in various functionality of the program. In future, it would be nice to have a table view of this data. |
| 7 | By opening the dashboard interface for the company and clicking the statistics button, an interface appears that allows the user to browse all the revenues and costs found for the company and open them as a clear diagram that can be resized and exported. | This criterion is certainly met, and the feature works well, allowing for users to easily graph the statistics within the file of the company. |
| 8 | Basic company details data is easily modifiable by the user within the company dashboard. | This works well and is easy to use, meaning the criterion has been met. |
| 9 | An estimation for the value of the company can be calculated using a button within the company dashboard interface. | This success criterion is successfully met, the feature is easy to use and straightforward. |
| 10 | When the user clicks the button to estimate the value of the company, they are prompted to input the number of years (0 if none) to estimate ahead for the value of the company. | Allowing the user to select how many years ahead they want the valuation of the company to be (to estimate) means that they can calculate the value for a variety of timespans meaning this success criterion is met. |
| 11 | Companies can be merged through the merging interface, where the user is prompted to select two companies that will be combined. When the merging is complete a new CSV file with the details and data of the merged company is generated. | This feature works as intended and this success criterion is met very effectively. |

# Future Improvement

I would argue that overall, the program has been able to meet all the success criteria set, however, there are certain areas where improvements could be made in the future.

For example, I believe that the interface could be even further simplified, and potentially optimized for various screen sizes. This could potentially open the possibility of this application being used on touchscreen devices, if UI elements are optimized to be larger on other screens. Closely linked to the user interface, documentation, I believe, could be more readily available. In the future, I could add tooltips as well as written documentation to both increase the availability of in-program documentation as well as more in-depth external documentation about the use of the program.

Additionally, I believe that editing and viewing company data such as revenue and costs could be done with the use of an interface. This is a future improvement which I think would streamline my client’s use of the program. Although it functions well right now, allowing the user to simply edit the CSV file, I believe it would be useful to have in-application editing.

# References

Johnson, D. (2022, April 8). *What is a CSV file? How to open and use the popular spreadsheet file*. Retrieved February 26, 2024, from Business Insider: https://www.businessinsider.com/guides/tech/what-is-csv-file

1. (Johnson, 2022) [↑](#footnote-ref-1)