

## Criterion F: Product evaluation and future product development

### Product Evaluation:

The evidence of feedback in terms of handing over of the product, A questionnaire that was given to Alex on given on the 25<sup>th</sup> of September 2019 and was completed on the 14<sup>th</sup> of October 2019. The document includes the signature of the client.

### Evaluation of specific performance criteria outlined in Criterion B

**A) Test the website with a Wi-Fi and cellular connection to ensure that records can be added to the website using both connections and multiple devices.**

This objective was met, Alex tested accessing the website on his iPhone and his laptop with different browsers. His iPhone was using cellular connection.

**B) Both tables will update automatically when a new entity is added.**

This objective was met, when the user adds a new entity the page refreshes and the table where the data is showcased updated to include the new entity.

**C) Data inputted should be validated for its type and length to ensure it is correctly sent to the database**

This objective was met, the data is validated inside the textbox. If the data is not of the correct type, then the transaction can't be submitted. An error also shows to warn the user of the error.

**D) Transactions can be deleted if a mistake is made**

This objective was met, Alex can search for a transaction by location and value, then press the delete button and the entity will be deleted.

**E) The website should show a list of the records as a graphical interface in order of date added.**

This objective was met, the records are shown in a table that is organized by descending order based on the date.

**F) Data inputted into the form should be sent to the database.**

This objective was met, the data inputted into the form is added into the database, there is evidence of this when I accessed the database. But also, it also appears within the tables.

**G) Alex's mother should be able to access the database through a web-browser using her credentials.**

This objective was met, Alex and his mom have different credentials. She attempted to access the website through her laptop and mobile phone with her credentials. Alex confirmed that his mom could see the same information he saw. The evidence of this was provided in a screenshot.

## Recommendations for the future development of the product

The website was proven to be successful for the client as it met all the performance criteria. It also met all the improvements he wanted over his previous system.

Alex now believes that he will be able to manage his money more easily since he can easily check his transactions through a web browser. He also doesn't have to use a paper-based journal which preserves the information from getting damaged.

### **Improvements to the website that Alex believes may be useful:**

- Add a method to export the information in the database into an excel spreadsheet.
- Be able to access this website from his home screen on his phone.
- Notify his mother on when a new transaction has been added

Alex believes that adding a method to be able to export the information that is stored in the database can allow him to access information without an internet connection.

The improvement of adding to his home screen is possible by just adding a bookmark. But I believe he means something like a PWA which is an app for mobile devices that is based on a website.

Notifying his mother can be done by email but the issue with this is that it costs money. It would also require more libraries and an algorithm to do this. An issue is that his mother's inbox could send these notifications to the junk folder.

But apart from these Improvements Alex believes that there are no further improvements to be made, even without these improvements he is still happy with the state of product at the moment. It is simple enough for him and his mother to operate it. It was also all free of cost which is something he is happy with.

Word count = 334