

Criterion E: Evaluation

Evaluation of the Product

According to the Success Criteria:

1. Program has a “Home” page that has buttons which link to the three other pages (Recipes, Calculator, and Budget). The client can also return to the “Home” page through the “Home” button.
2. Program has a “Recipes” page that allows the client to add, edit, and delete recipes stored in a scrollable list.
3. The client is able to input recipes, with name (a mandatory field), ingredients, date the ice cream was last made, links to videos/online tutorials, and notes. This data is saved and intact even after quitting the application (A.2).
4. Program has a “Calculator” page that allows the user to perform basic arithmetic calculations with integers.
5. The client can enter numbers and operators into the calculator and it automatically computes and shows the results. Still, the client is unable to add decimal values to her calculations and the calculator always rounds down automatically.
6. Program has a “Budget” page that helps keep track of the client’s budget for purchasing ingredients and ice-cream making materials.
7. The client is able to add and delete individual income and expenses and view how much she has left in her savings. However, she is unable to edit existing income or expenses.
8. The program’s follows a green, black, and white color scheme selected by the client.
9. The texts, images, buttons/tabs, text fields, and lists are explicit and clearly distinguishable by different colors/shades and apple icons/symbols/emojis (A.5).

Recommendations for Improvement

- Add a tag function that automatically sorts recipes into categories — as mentioned by the client, this would save her time from having to manually sort items of the lists.
- Add a rating (out of five stars) to each recipe in the recipe list, shown in the Recipes view — as pointed out by the client, this simple visual representation would enhance both the functionality and design of the recipes page, while making the app for interactive for her.
- Adding decimal places to the calculator — this would allow the client to be more precise and accurate with her calculations of the ingredients’ amounts.
- Allow the user to type directly from their keyboard into the calculator using `KeyboardType()` and enabling keyboard shortcuts. For example, link “Save” buttons with the return key.
- Allow the user to edit existing income/expenses, like on the Recipe page.
- Add error messages to verification and validation methods so the user knows how to correct their invalid inputs.
- Allow the user to resize the `AddRecipe`, `AddExpense`, and `EditRecipe` sheets. The recipe sheets are currently a bit too narrow and text boxes are too small. Adjustments could also be made for the app to automatically accustom the size of its contents based on the size of the window as the client enlarges or reduces it.