

## Part E

After finishing the development my product, I met with my client to receive feedback and check if the program meets the clients required functionality.

#	Criteria	Level of Success
1	Formulas can be viewed	Works correctly, all formulas can be viewed and interacted with successfully
2	Formulas can be calculated with user input	Works correctly for all numerical inputs from the user.
3	Constant list is accessible and viewable	Works correctly, all constants are viewable.
4	Search bar for formula/constant list work	Works correctly, search eliminates options that don't match.
5	Formula Balancer works as expected	Works correctly, properly balanced formula is outputted to user.
6	Efficient GUI	Works correctly

### Feedback from the Client

The program is effective, it provides all the functionality I asked for. The ability to switch between windows is seamless and allows for efficient navigation between different functions of the program. The formula calculator provides an easy way to check and complete homework that requires those formulas. The balancer also allows for an ease of access of checking if I correctly balanced a particular chemical equation. Lastly the constant list provides an effective way of referencing units and conversions without the hassle of an internet connection. At the end of the meeting, the client agreed that the program met all of the success criteria and was suited to her requests.

### Recommendations for Future Improvements

Section	Improvement	Reason
Formula Menu	Allow user to input custom formulas that do not pre-exist in the function	Allows the user to add an enhance the functionality for new formulas
	Allow user to search by variables or parts of a formula other than the start of the formula.	Increases efficiency and allows user to search for a formula without knowing particular information
Constant Menu	Allow user to search by other parts of the constant such as variable or units	Allow easier methods to look up a constant in the constant list
Chemical Equation Balancer	Allow user to input organic compounds such as (CH <sub>3</sub> COO)	Increases functionality with access to a wider variety formulas that can be balanced.