**Keating Exam 4 Design Tool**

1. User will enter in a selection from the menu.
   1. If the array is empty, functions that require input will boot user back to menu.
2. User will add to array of type person and enter in the person’s name, age, and weight
   1. Program will check if age and weight have the correct input. If they do not, it will loop through until input is corrected.
3. User can choose to delete an entry from the array based of the entries index within the array.
   1. If the index does not exist, user will be booted to menu.
4. User can display the array.
5. User can search the array for an entry by entering in the person’s full name and the individual entry will be printed out.
6. User can sort the array by last name in ascending order.
   1. If user goes back to displaying the array, it will display in this order.
7. Exit the program.