**Summary and evaluation of my Health Monitor**

The purpose of my health monitor is to allow users to input the values of their vitals, then the program will inform them whether or not the results are within a normal and expected range, If the results aren’t normal and safe then the user will be notified and informed, likewise if the results are within a normal and expected range then the user will be notified.

During the development and creation of my health monitor I encountered many logic and syntax errors, these halted and slowed my overall progress at times, however I was able to overcome these to finish the program. A list of the main errors can be found in the error and optimization log.

I used flowcharts and pseudocode to help me build, maintain and understand a general structure for my health monitor. This helped me because it allowed me to write and edit code seamlessly without any issues in terms of generating tackling problems or issues, this forward planning increased my productivity and the literal quality of work produced, this in turn meant that less mistakes and errors were produced.

After receiving criticism from others around me, I discovered that it was quite hard for users who’re visually impaired to see what their results were. To solve this issue, I colored the outputs red and green, respective of whether the results outputted were alarm or safe. This also caught the user's attention and served as a positive design feature, this would further optimize the users' experience.

My health monitor also included data validation in the form of a while loop, this ensured that the program wont run unless the user specifically stated that they don’t wish for it to re-run.