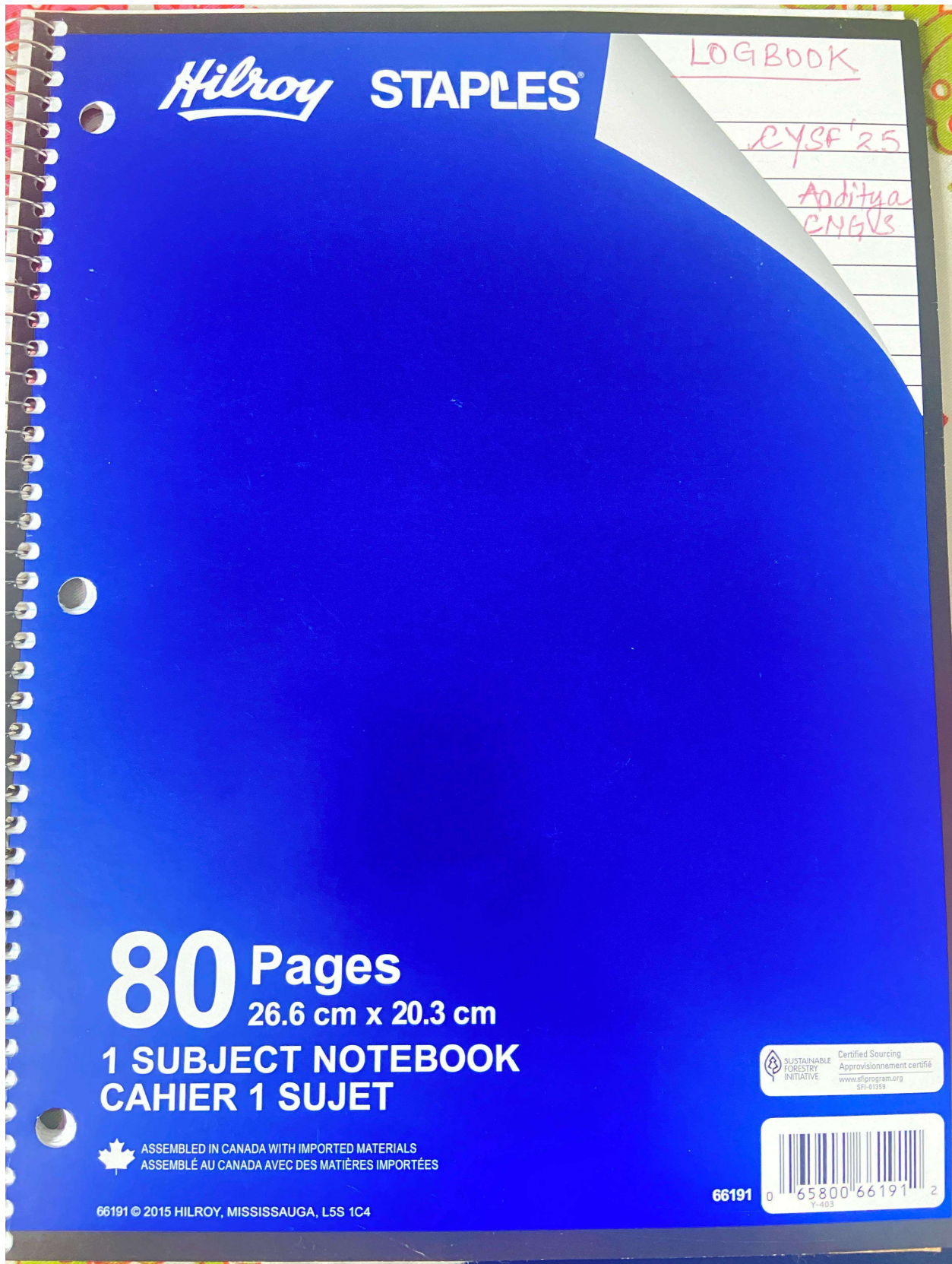




LogBook CYSF 2024-2025

December 16, 2024

- I got the idea to make a type 2 diabetes detector because I know many people suffering from it.

December 20

- Defined the need for a risk assessment tool that is easy to use Software with GUI
- Thought about questions like how well can a tool work.

December 24

- Started researching about how to make my tool and medical researches I should use for my project.
- Found PHAC (Public Health Association of Canada)
- Research their CAN-Risk tool question and included them in my tool.

Hiboy

December 26

• Research Factor I need to include in my tool like BMI and etc....

December 28

Planned out home screen:



Jan 2

Out lined main features :

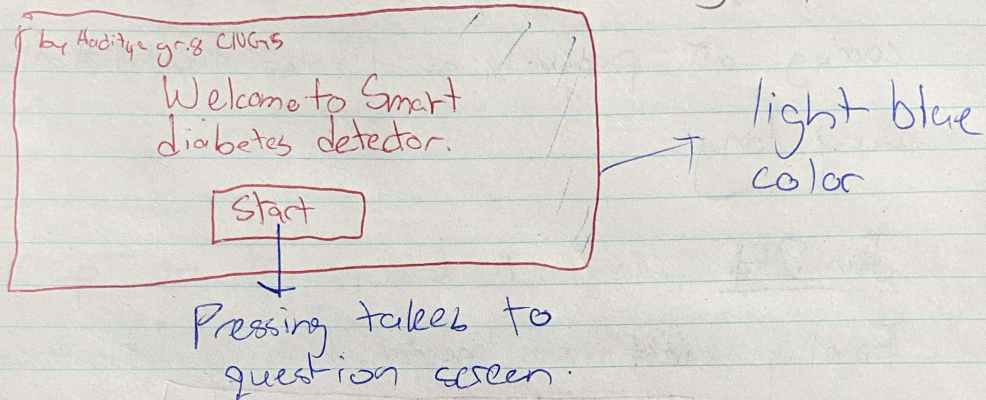
- GUI
- Risk score calculator
- Error Handling

Selected Python for programming language.

- Researched and learned about Tkinter library and how to use it in my code.

Jan 5

Created Welcome Screen and design byout



Jan 10

Fixed some bugs like the labels not appearing and labels over lapping.

Jan 16

Started Building actual risk assessment screen 2 and planned it out.

Jan 20

Started building questionnaire but fonts were not coming out properly so I fixed them but it took very long.

Jan 24

Finally Questionnaire screen has questions displayed correctly:

A hand-drawn diagram of a questionnaire screen layout. It features a title 'P' with a box, a subtitle 'W' with a box, and a label 'Bui.'. Below these are six numbered options (1 through 6) each followed by a horizontal line for selection.

Feb 2

Started adding check boxes to each question so users can pick a option.

Question:

A hand-drawn diagram of a question with checkboxes. It shows a question line followed by four checkboxes, each preceded by a small circle.

Feb 5

Tried adding a value to each question but wasn't working.

Feb 15

Kept on trying and it finally worked so that each option pick represents a num. which is used for total risk score.

Feb 26

Made last screen which display score based on assessment:

Low < 32

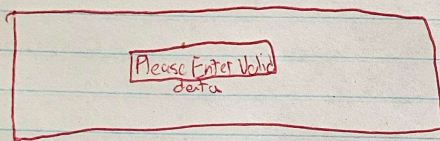
Thank you
for using
this tool
by : Aaditya

March 2

Had idea of adding feature of error handling
If someone types incorrect info, they will get
a message of entering valid data

March 10

Finished Error Feature:



March 12

- Tested error feature by typing letter's instead of word's, it should show the error message successful.
- Filled out Ethics and due care and declaration

March 13

Filled out Problem, Method and Analysis

March 14

Citations and Conclusion.

March 17

Teacher approved project for judging

April 1

Started preparing Tri-Fold for CYSF25