Type to answer these questions and submit this document along with the other required information

1. Did you do this? If not, what did you do? A working GUI tkinter application with at least two windows. 50 points

**YES**

2. Did you do this? If not, what did you do? Implementing a modular approach in your application. 5 points

YES

3. Did you do this? If not, what did you do? Consistent clear navigation throughout the GUI application. 10 points

YES

4. Did you do this? If not, what did you do? You may use at least one image in your application (images should have alternate text). Images are optional and for bonuses. You may earn 10 bonus points per image (up to 30 bonus points possible)

YES

5. Did you do this? If not, what did you do? Include at least three labels. 15 points

YES

6. Did you do this? If not, what did you do? Include at least three buttons. 15 points

YES

7. Did you do this? If not, what did you do? Include at least one call back function for a button not including the exit button 10 points

YES

8. Did you do this? If not, what did you do? Implement secure coding best practices, including input validation to check if the user entered the correct data type, make sure the entry box is not empty, etc. 10 points

YES

9. Did you do this? If not, what did you do? Validation testing - 15 points. Develop an appropriate set of test data to fully validate the program against.

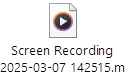
o the data sets you tested against: I had to correct the background image and the image for the book covers

o A brief written explanation of the results of your tests and what you had to fix: Anytime I run the program the GUI application comes up, but the background image does not show. The same goes for the book cover image. The application says **Image Not Found.**

o At least 3 screen shots of your good test data working.

A library with a ladder and a chair

AI-generated content may be incorrect.



A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

10. Did you do this? If not, what did you do? User manual creation - 20 points. You will write and submit a user’s manual for your final project and submit it according to the instructions in the attached file.

YES

11. Did you do this? If not, what did you do? Documentation of source code - 15 points. You will fully document (comment) the corrected Python tkinter source code with appropriate comments including:

o A brief explanation of the purpose of each module (Sub) at the beginning of each Sub. (A header's comment) YES

o Explanation of the purpose of each variable where it is declared. (An end line comment) YES

o Line by line, or at least section by section comments within the code, explaining what the line/section does. YES

12. Did you do this? If not, what did you do? The link of the GitHub repository for your final project. 10 points YES

13. Did you do this? If not, what did you do? Requirements Document submission (25 points) YES