Midterm – your Python code should be uploaded in a .py file

You have been working towards the point where you can submit this midterm by completing the components in the hierarchy chart below. You are going to continue to enhance the code you have developed throughout your module 3 assignments for this midterm. You will modify the module you developed previously in the chapter 9 assignment.

Using the code you developed up until the chapter 9 assignment:

10 points – comments

20 points – logic for each function within your module.

* Main() is invoked and then calls each of the functions in the hierarchy chart below
* You are reading input from a csv file you created into a two-dimensional list in read\_items() (use a different function name if you like) which returns the list to a local variable in main. The user is queried for the name of the csv file.
* Display\_items() or the function name you defined is passed the list as an argument and displays the list in columns, left-justified, upper case to the console
* Write\_items() or the function name you defined is passed the list, queries the user for the name of the output file and writes the list to the specified output file
* Any other functionality such as a command menu, add/edit/del is not required but contributes to your code and is recognized as extra effort.

20 points – multiple exception handling for filename input from the user as well as any command input

30 points – working code – no exceptions or errors should occur

20 points - modified display of list items to the console

All Uppercase – 10 points

Each item in the row should be aligned with a column heading using left justification (see page 275) – 10 points

You will need to familiarize yourself with the string conversion functions within Chapter 10 to complete. Please attend the synchronous labs if you have questions so you can achieve full points.

A picture containing indoor, table, photo, white

Description automatically generated

Total()

Exit\_Program()