Activity 5

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CST-150

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Activity 5 GitHub source code:

<https://github.com/rcoon1/CST-150/tree/main/Activities/Activity%205>

Write a Windows Form Application that uses a file dialog control to allow the user to select a file for input, processing the contents of the file as follows:  
1. Converts all the words to lower-case.  
2. Finds the first and last word alphabetically.  
3. Finds the longest word.  
4. Finds the word with the most vowels.  
Display the above statistics in a text box and write the above statistics to a file; include a screenshot of your program running with successful output.

Screenshots:

Initial screen view:

Graphical user interface, application

Description automatically generated

Program Running:

Graphical user interface, application

Description automatically generated

Input File screen:

A screenshot of a computer

Description automatically generated with medium confidence

Test File:

Text

Description automatically generated with medium confidence

Selected test file output:

Graphical user interface, text, application

Description automatically generated

No file selected MessageBox:

Graphical user interface, text, application

Description automatically generated

One improvement could be possibly adding a clear button to clear the output textbox if you want to do continuous files.