Debugging Report

Test 1:

Testing the issue when pressing the right arrow to go the next record on the last record by placing a break point here:

Text

Description automatically generated

When the break point is triggered the issue becomes obvious when the crash occurs by using the keyboard shortcuts to step over(F10), step into(F11) and step out(shift + F11).

Test 2:

To test what goes wrong when the names are displayed a break point on the line that the text is drawn and using the autos window to see the variable will show if it is being drawn correctly.

A picture containing text, monitor, screenshot, indoor

Description automatically generated

The test shows that the name is being drawn but there is something wrong with the name string that is being drawn.

Test 3:

A break point on the line where the name string is loaded and a variable watch on the name string and name size variable will test what is happening when it the names get loaded. Graphical user interface

Description automatically generated

The test shows that the size of the name strings are too small and need to be longer to have a null character.