Macro Peer Review

Paper Title Macro

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Abstract **- This peer review paper assesses and tests the paper title macro. A list of criteria is generated to test the effectiveness of the paper title macro. The results to the paper title macro testing will be discussed.**

Keywords - macro; formatting; style; styling

I.   INTRODUCTION

To make sure that the recorded macro is valid and meets all the requirements, this group performs a peer review that checks the macro source code generated by another group. This peer review paper specifies all the criteria listed on the class website for the paper title macro and compares it with the macro source code. A table is used to log the result of each comparison.

II.   CRITERIA/RESULTS

Figure 1 shows the paper title macro source code under test while Table 1 shows a list of tests. If the macro code passes the test, a square mark will be presented under the YES column.

FIGURE 1.   PAPER TITLE MACRO SOURCE CODE

```
Sub Macro2()
'
' Macro2 Macro
'
'
    Selection.Font.Name = "Times New Roman"
    Selection.Font.Size = 24
    Selection.Font.Italic = wdToggle
    Selection.ParagraphFormat.Alignment = wdAlignParagraphCenter
End Sub
```

TABLE 2.   CRITERIA FOR MACRO TO MEET SPECIFICATIONS

Specifications Met		
Specification	*YES*	*NO*
Text changed to Times New Roman font	■	
Text resized to 24 pt.	■	
Text italicized	■[a]	

[a] Footnote: Text italics is toggled, not set to italics

Based on the above table, the tested macro meets most specifications for formatting a document's page title. The specification it does not quite meet is italicizing highlighted text. The problem is that the code line responsible for italicizing text toggles the setting for doing so. That is, if the first word of the text being ran through the macro is not initially italicized, the macro will perform as expected. However, if the first word of the text being ran is already italicized, the macro reverts all text to the un-italicized format. This issue can be fixed by changing the code line (8)

$$Selection.Font.Italic = wdToggle$$

to the line

$$Selection.Font.Italic = true$$

III.   CONCLUSION

The macro developed by our peers meets most of the specifications when formatting a paper title. There are small errors when a specific style of title is inserted into the document. We have modified the macro code that will fix this problem so there are no exceptions.