Project Technical Specification

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Roman numeral Conversion

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1.0 Program and overview

1.1 The purpose of the roman numeral converter is that you are supposed to take an Arabic number, input a given number, and it comes back with the roman numeral equivalent. As well as entering a Roman Numeral and having it convert to an Arabic number.

1.2 The Roman Numeral Converter will take an Arabic Number and translate it into its compatible roman numeral number, as well as taking a Roman numeral and converting it

Into an Arabic number and then closing the form when you click on the prompted button.

2.0 Development

2.1 The program will be on a form application and will work with windows, it was created using visual studio 2017

2.2 It can be running repeatedly. You can run it on a PC

2.3 Multiple copies will be able to exist on the same machine

3.0 Packaging and sending it off

3.1 For users with windows 7 or later

3.2 The file is a public file and can be shared

4.0 Security

4.1 This program has minimum security

5.0 Program Flow

5.1 The user will start the application and an input and output label with a text box and a label. The text box will have a label saying “input and the label box will have a label saying “output”

5.2 There will be A text box that the user would input the specified Arabic or roman number. Then, a label will also be underneath displaying the output.

5.3 There will be two buttons. One will say “Convert to Arabic” if the user inputs a Roman Numeral. There will also be a “Convert to Roman” if the user inputs a Roman Numeral then it would be converted to a Number (Arabic)

5.4 The user will click on either of the buttons and it should successfully match it with its compatible number, either its compatible Arabic or Roman form.

5.5 The user will now be prompted to hit the exit button to exit the application