Program Cover Sheet

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| Name: Austin Rippee |
| Assignment: Assignment 10 |
| List any parts of the assignment that do not work/were not completed:  Not that I can think of. Made sure to double check by creating another program, going to Tools -> Choose Toolbox Items and then adding the dll to the program and worked perfectly. |

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| Instructor’s Comments: |
| Grade: |

Program Submission Requirements: (1) all files, zipped and uploaded to Canvas and (2) a completed cover sheet, program execution screenshots and source code printed, **stapled** and turned in during class. Failure to follow the submission requirements will result in points lost on that particular assignment.

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'- File Name : myClock.vb -

'- Part of Project: Main -

'------------------------------------------------------------

'- Written By: Austin Rippee -

'- Written On: April 12th, 2022 -

'------------------------------------------------------------

'- File Purpose: -

'- This file contains the main application form where the

'- user can see the control first hand.

'------------------------------------------------------------

'- Program Purpose: -

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'- This program creates a painter to display a running clock

'- of the current time.

'------------------------------------------------------------

'- Global Variable Dictionary (alphabetically): -

'- CurrentForeColor - Sets the text color to black

'- myBrush - Creates the brush with the color black

'- TextFont - Sets the font to the value

'------------------------------------------------------------

Public Class myClock

'Initializes global variables

Dim TextFont As New Font("Oswald", 12, FontStyle.Bold)

Dim myBrush As New SolidBrush(Color.Black)

Dim CurrentForeColor As Color = Color.Black

Public Overrides Property ForeColor As Color

Get

'Returns the current fore color

Return CurrentForeColor

End Get

'Sets the fore color to whatever value it was set to

Set(value As Color)

CurrentForeColor = value

'Force a re-paint (Forces it to update the foreground color)

Me.Invalidate()

End Set

End Property

'------------------------------------------------------------

'- Subprogram Name: Timer1\_Tick -

'------------------------------------------------------------

'- Written By: Austin Rippee -

'- Written On: April 12th, 2022 -

'------------------------------------------------------------

'- Subprogram Purpose: -

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'- This subroutine is called whenever the timer ticks causing

'– it to be refreshed and thus running the sub.

'------------------------------------------------------------

'- Parameter Dictionary (in parameter order): -

'- sender – Identifies which particular control raised the –

'- click event -

'- e – Holds the EventArgs object sent to the routine -

'------------------------------------------------------------

'- Local Variable Dictionary (alphabetically): -

'- (None) -

'------------------------------------------------------------

Private Sub Timer1\_Tick(sender As Object, e As EventArgs) Handles Timer1.Tick

'Tells the control to refresh itself

Me.Refresh()

End Sub

'------------------------------------------------------------

'- Subprogram Name: OnPaint -

'------------------------------------------------------------

'- Written By: Austin Rippee -

'- Written On: April 12th, 2022 -

'------------------------------------------------------------

'- Subprogram Purpose: -

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'- This subroutine is called whenever the program draws the

'- clock on the canvas so it can actually be visible.

'------------------------------------------------------------

'- Parameter Dictionary (in parameter order): -

'- e – Holds the PaintEventArgs object sent to the routine -

'------------------------------------------------------------

'- Local Variable Dictionary (alphabetically): -

'- myGfx - creates the graphics

'------------------------------------------------------------

Protected Overrides Sub OnPaint(e As PaintEventArgs)

'Initializes graphics class to draw the object

Dim myGfx As Graphics = e.Graphics

'Sets the currentforecolor to the brush color

myBrush.Color = CurrentForeColor

'Prints the value of the system datetimenow with TextFont with myBrush to the canvas

myGfx.DrawString(DateTime.Now.ToLongTimeString, TextFont, myBrush, 10, 10)

End Sub

End Class

Graphical user interface, text, application

Description automatically generatedText, letter

Description automatically generated