CSC 343

Test 3 VUE

**Construction Paper Order Form**

Graphical user interface

Description automatically generated

1. Add a title John Smith’s Paper (with John Smith replaced by your name).
2. Add an HTML comment with your name.
3. Your HTML elements with ids cannot have default/meaningless ids such as Button1. They also cannot refer to some previous subject – such as dogs, horror movies, etc.
4. Make the page’s background color and (font) color anything other than the default values.
5. Change the background color and color of the box class.
6. Put a header with John Smith’s Paper (with John Smith replaced by your name) at the top of the page.
7. Connect to the VUE CDN.
8. Place a JavaScript comment with your name at the top of the script area.
9. You don't have to fetch the data from a JSON file, but one is provided if you want to use it. Use the JSON data for sizes, numbers (of sheets), and colors to populate a drop-down select, a set of radio buttons, and a set of checkboxes, respectively. These are the possible choices.
10. Make VUE variables for the user's actual choices of size, number and color. The user's color choice is an array, the other two are objects.
11. Use a v-for to populate a drop-down select with paper-size options

[

{name: "6 by 6 inch", "price": 1.75},

{name: "9 by 12 inch", "price": 2.25},

{name: "12 by 18 inch", "price": 2.75},

{name: "18 by 18 inch", "price": 3.25}

]

1. Use a v-for to create a set of radio buttons for the number of sheets. The label displaying the name and the radio button should work together (the user should be able to click the radio button or label and get the same effect)

[

{name: "25 sheets", "factor": 1},

{name: "50 sheets", "factor": 1.9},

{name: "100 sheets", "factor": 3.6},

{name: "200 sheets", "factor": 7}

]

1. Use a v-for to create a set of checkboxes for the colors. The label displaying the name and the checkbox should work together (the user should be able to click the checkbox or label and get the same effect)

[

{name: "Black"},

{name: "White"},

{name: "Red"},

{name: "Orange"},

{name: "Yellow"},

{name: "Green"},

{name: "Blue"},

{name: "Purple"}

]

1. Either as the user makes the above choices (or introduce a button if you want), display the following
   1. The paper size and its base price
   2. The number of sheets and its multiplying factor
   3. The colors the user chose as well as the number of colors
   4. The final price (base\_price \* multiplying\_factor \* number\_of\_colors)
2. You can but don't have to pre-select some choices – I chose 6 by 6 for size, 25 sheets for number and one element in the user color array (white).