

Portfolio Project

1. Determine **which** projects will go into the portfolio.
 - Choose the projects that will best show off your skills to an employer.
 - Your portfolio should have at least six projects, preferably 12.
 - In addition, your portfolio should include your **resume** and either a statement of **college and career plans**, or a **mission statement**. These documents are not included in the 6–12 projects listed above.
 - In addition, your portfolio should include your **current events project**. This project is not included in the 6–12 projects listed above.
2. Add **case studies** to all your projects.
 - Case studies are the hardest part.
 - See the separate instructions for case studies.
 - Case study must include the **objective** for the project.
 - Case study should include a statement of the **design problem** encountered. This is the hardest part to identify.
 - Case study should include a statement of how you **solved** the design problem.
 - Some of our class assignments don't have a well-defined design problem. In that case, you could add a short statement of **what you learned** while doing this project.
3. Create a **portfolio folder** on your desktop and copy your files into it.
 - Copy** your chosen projects into the portfolio folder. Do not simply drag them, but option-drag them or duplicate them, move into the folder, and rename.
 - File names should not have any spaces nor the word copy in them.
4. Create a **home page** for your portfolio.
 - The file name must be **index.html**.
 - The home page should include links to all your projects.
5. Create **icons** for each of your projects.
 - Add these icons to your home page.
 - Encapsulate the icons into **figures** that have **captions**.
 - You may use Cmd-Shift-4 to take square screen shots of your projects or parts of projects.
 - You may use Photoshop to ensure the icons are as square as possible. You might want to wait until we learn a little Photoshop.
 - You may use icons you've created as icons for your projects. For example, Safari icon, Uber icon, Eyeball, whatever other square icon we might have made in class.
 - You could make your own new icons using SVG or Adobe Illustrator (later).
 - You may want to wait until we learn a little Adobe Illustrator.
6. Add **navigation** between pages using JavaScript.
 - Each page will have **three navigation icons** at the bottom (home, previous, and next).
 - Each of these navigation icons will link to another page on the site.
 - There will be a file called **nav.js** or **navigation.js** that makes the links work.

Top Priority Projects

These are the best ones to add if yours work. Items 1–6 should come from this group. You can also choose from this group for items 7–12.

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|---|---|
| <input type="checkbox"/> Keyboard shortcuts | <input type="checkbox"/> Resistor Color Code |
| <input type="checkbox"/> Venn Diagram | <input type="checkbox"/> Popup Window with SVCTE Classes |
| <input type="checkbox"/> Navigation Icons | <input type="checkbox"/> Basketball (2D version) |
| <input type="checkbox"/> Chocolate Molecule | <input type="checkbox"/> Random Circles with Sliders |
| <input type="checkbox"/> Icons & SVCTE logo on web page | <input type="checkbox"/> Active SVG Clock + Gears |
| <input type="checkbox"/> Tic Tac Toe | <input type="checkbox"/> Chinese Zodiac (form and table integrated into one page) |
| <input type="checkbox"/> Fortune | |

Second Tier Projects

Use these only for items 7–12.

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|---|--|
| <input type="checkbox"/> Color Schemes (complementary etc.) | <input type="checkbox"/> Speedometer |
| <input type="checkbox"/> Benzene Ring (PM class only) <ul style="list-style-type: none">○ Only if you didn't finish the Chocolate molecule. | <input type="checkbox"/> Clock alone <ul style="list-style-type: none">○ Only if you didn't include the Active SVG page. |
| <input type="checkbox"/> Multiplication Table with form | <input type="checkbox"/> Gears alone <ul style="list-style-type: none">○ Only if you didn't include the Active SVG page. |
| <input type="checkbox"/> Random Color Schemes | |
| <input type="checkbox"/> BMI Calculator | |
| <input type="checkbox"/> MPG Calculator | |

Individual Icons

These items should be part of the “Icons” page or “Active” SVG *only*. Do *not* include these projects as separate line items.

- | | |
|---|--|
| <input type="checkbox"/> SVCTE Logo | <input type="checkbox"/> Safari Icon |
| <input type="checkbox"/> Apple Logo | <input type="checkbox"/> Chase Bank logo |
| <input type="checkbox"/> Google Photos Icon | |

Probably not suitable for the portfolio

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|--|--|
| <input type="checkbox"/> Array sort | <input type="checkbox"/> Floating images (lizards) |
| <input type="checkbox"/> Calculator | <input type="checkbox"/> Color Tiles (grid) |
| <input type="checkbox"/> First SVG image | <input type="checkbox"/> Basketball (1D version) |
| <input type="checkbox"/> Water molecule | <input type="checkbox"/> Button Jump |
| <input type="checkbox"/> Letters D, S, m | <input type="checkbox"/> 4 Kids |
| <input type="checkbox"/> First HTML web page | |

Other projects

- Have you made other projects in SVG that you could add to the portfolio?
- You will make some drawings in Adobe Illustrator in the next module.
- Eventually, you will make some apps that you can add screen shots to the portfolio.

