HTML/CSS, JavaScript SBA

In this Skill-based Assessment, you will be creating a small website and you get to pick what is the website about. The main purpose of this SBA is to test your skills on implementing a clean HTML structure that follows the methodologies of visual design, styling your site so that it is user-friendly, and basic scripting with JavaScript.

You will have the entire day for this SBA. Make sure to check in with your instructor for approval of your idea. Your work will be graded based on the below technical requirements. Also, creativity always works in your favor.

Now that you have completed the HTML/CSS SBA, you have a better idea of the amount of work you can get done within the given time. This time, in addition to concentrating on the website's structure and grid system, you will need to find content that relates to the idea you are building.

There are various places you can get this content, for example, researching other companies with similar ideas. Also, you will need to find an API that you can use to provide any type of content to your site but this content must relate to your idea.

Useful API sites:

1. https://rapidapi.com/ (Links to an external site.)Links to an external site.
2. https://any-api.com/ (Links to an external site.)Links to an external site.
3. https://github.com/toddmotto/public-apis#public-apis- (Links to an external site.)Links to an external site.
4. https://apilist.fun/ (Links to an external site.)Links to an external site.

Deliverable:

- A theme for your site that you feel comfortable with
- Complete all technical requirements for HTML, CSS, and Javascript
- Have markups of your pages
- Research for a public API that can provide you with content (Optional)
- Include a README file. The file should include technical specifications and description of your website.
- Host on GitHub, include the link to your GitHub account in the README file(optional)
- Submit the project in a ZIP file

Technical requirements:

HTML

- Have at least 3 pages, keep the grid system consistent as much as possible
- Use at least 10 different HTML tags
- Use HTML tables
- Implement at least two use for forms
- Dropped Down Menu
- Use web fonts
- Use different types of content in the form of text, images, videos, and GIFs
- Use regex validation

CSS

- Inline, internal, and external styling
- Use five different CSS selectors
- Don't use too many fonts
- Use colors that compliment each other
- Use Flexbox
- Use SASS/SCSS
- Use animations

Javascript

- External scripts
- Use variables, if statements, loops, at least one form of collections, functions/call back, and events
- Use AJAX (Optional)
- Use JSON or XML (Optional)
- Use JQuery (Optional)