

SBA 307 and 308 - HTML and JavaScript

Assessment Guidelines:

Time/Duration:

This test has a total duration of **4 days**. This is a **take home assessment**. Your instructor will designate at least half a day for you to work on this SBA in class. If you need more time, you have three additional days (including weekends and Holidays) to work on your SBA. This SBA will be due at **5:00 PM** on the fourth day after it was assigned to your cohort.

Objectives

The main purpose of this SBA is to test your skills in Javascript and implement a clean HTML structure that follows the methodologies of visual design, and styling your site so that it is user-friendly.

Requirements

In this Skill-based Assessment, you will be creating a small website, and you get to pick what the website is about.

Your work will be graded based on the technical requirements below. Also, creativity always works in your favor.

Since this is your first time creating a 3-page website, keep it simple. Keeping it simple is very important. It ensures that you can complete this project within the given time and also gives you a better idea of what you can get done in the given time if you were to do it again with more requirements.

Once you have your idea, think from the user's perspective when creating the website. You like your users to have a good experience when interacting with your site. This gives you a better chance of users trusting your site and coming back for more. For this SBA, don't worry too much about the content. There are many places you can get free

content to display on your site. Concentrate more on the website's structure and grid system.

Some resources for free content:

- Photos: <https://www.pexels.com/search/template/>
- Text: <https://www.lipsum.com/>
- GIFs: <https://www.motionelements.com/free/stock-footage>

Useful API sites:

1. <https://rapidapi.com/>
2. <https://any-api.com/>
3. <https://github.com/toddmotto/public-apis#public-apis->
4. <https://apilist.fun/>

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 uses 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 complement each other
- Use Flexbox (Optional)
- Use SASS/SCSS (Optional)
- Use animations (Optional)

JavaScript

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

Deliverable of the SBA:

- A theme for your site that you feel comfortable with
- Complete all technical requirements for HTML, CSS, and Javascript
- Include a README file. The file should include technical specifications and a description of your website.
- Host on GitHub, include the link to your GitHub account in the README file and Upload Github link on canvas
- Submit the project in a ZIP file, Upload Zip file on canvas