

Take-home Assessment - Rubric

Category / Description	What are we looking for?
Correctness	<ul style="list-style-type: none"> • Passes all of our tests, and shows great attention to detail • Goes above and beyond the requirements, such as handling validation of improper inputs, or completing bonus requirements and stretch goals (like deploying an application).
Code Organization, Readability & Maintainability	<ul style="list-style-type: none"> • Code utilizes a consistent design pattern. The code is well organized and would be easy to extend. Design made with consideration to potential future features. • Code is easy to read - proper indentation, vertical spacing, named constants (no magic numbers), big picture comments, and meaningful variable names. You can investigate using a linter to help make your code properly formatted. • There are small amounts of repeated code, and is well factored into functions. Related items are grouped into classes (or something equivalent like structs or objects).
Code Performance - Efficiency, Data Structures & Algorithms	<ul style="list-style-type: none"> • Code that is performant (has a good time and space complexity for the problem given). Avoids unnecessary nested for loops, and uses the appropriate data structures and algorithms. • Efficient code that reduces unnecessary code. • Implements additional features to improve code performance such as (but not limited to) caching, parallel API requests, reducing re-rendering on the front-end, memoization, and other code performance techniques.
Best Practices & Proficiency in Language/ Framework	<ul style="list-style-type: none"> • Utilizes great programming practices such proper unit testing, reduced warnings, and defensive coding strategies (validation, asserts). • Demonstrate a good grasp of the language and/or framework. Avoids major anti-patterns in the project (using let vs. const in Javascript, modifying the DOM in React, etc.) • Utilizes the most advanced features in the framework (for example using functional components, Hooks in React). • Properly replicates the styling spec provided, for a front end assessment.
<p><i>* A note about plagiarism: any submission that copies another person's assessment posted online will be automatically disqualified.</i></p>	