

Aloguage	Rating	Initials
Users will be able to choose from different sorting algorithms. The sorting algorithms that users will be able to initially choose from are: Quick, Bubble, Merge, Insertion, Heap, Selection.	1	
Users will be able to choose hashing algorithms.	2	
User starts with 2 algorithm comparison components	1	
User can select more components, 1-4 Ex. Bubble vs Selection vs Insertion	3	
Once an algorithm is selected, the user will be provided an optional link to see a screenshot of the code and a description of it	2	
When selected, each algorithm component will have its own slider for the input size. Slider will change logarithmically.	1	
Algorithms components will have a data sorting options dropdown. The dropdown will have the following options: Full random, partial sort, groups sorted, full sort, reverse sort, and repeats	1	
User is required to enter a name. That name is associated with the jobs run, and the jobs will not run without a provided name	1	
User clicks a Run button that puts their tests in a queue and redirects them to a results page with a queue modal	1	
User is informed that an identical test has been run before upon running a new test, if one is found in the database. User is then given an option to either run anyway or see results of the previously run test	2	
If a user runs 30 tests in a day, they are prevented from running more. They are given the option to see test history instead.	3	
Once their tests are submitted, user sees a queue with their tests highlighted, attached to their name. The other names and tests in the queue are shown along with their position.	1	
User can see a history page with other test results	2	
History is searchable/filterable by test type, name, or result	2	
Once tests complete, user sees results with the best metric indicated; NOT with red vs green	1	
User can see information about Brad and his life	0	