Project 10 Name: Algorithm Visualization

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Assignment: Software Metrics Individual Submission

* Jason
  + Integrate flask backend with vue to pull algorithms
  + Program array algorithms (Bubble sort, Quick Sort, Merge Sort, Selection Sort, Insertion Sort, Binary Search)
  + Program graph algorithms (BFS,DFS)
* Internal Logical File (ILF): User-identifiable group of related data maintained within the

Application.

* Search algorithm data
* Sort algorithm data
* 14
* External Interface File (EIF): User-identifiable group of related data referenced by the application but maintained within another application.
* Zero
* External Input (EI): Unique elementary process that processes data coming from outside the application boundary.
  + Saving user-created algorithms to the database
  + 3
* External Output (EO): Unique elementary process that sends data outside the application boundary. Calculations, derivation of data, or maintenance also takes place.
  + Zero
* External Inquiry (EQ): Unique elementary process that sends data outside the application boundary. Calculations, derivation of data, or maintenance do not take place.
  + Zero

Total: 17