

Sprint 2 plan

User stories

- 1.As a student, I want there to be i and j pointers telling me where the algorithm is going.
- 2.As a student, I want there to be colors in animation helping me understand the algorithm.
- 3.As a student, I want to view the animation of Brute Force String Search algorithm so that I can understand the algorithm in a better way.
- 4.As a student, I want to view the animation of Horspool's String Search algorithm so that I can understand the algorithm in a better way.
- 5.As a student, I want the use of explain box to be easy and clear.
- 6.As a student, I want the peucedo code to be fully shown on the screen.
- 7.As a student, I want the messages pop out in the correct timing. e.g.once the data are loaded, there is a rather silly "Success!" message that comes up – before anything has happened.
- 8.As a student, I want the font size/animation size to be adjustable.
- 9.As a student, I want the REAL specification to be implemented correctly.

Task breakdown:

- 1.Common colors schemes
- 2.Involve i,j pointer to brute force string searching
- 3.Invovle inbetween animation to brute force string searching
- 4.Horspools algorithm
 - a. Javascript implementation of the algorithm
 - b. show the shift table
 - c. search string and pattern string animation
 - d. highlight blocks
 - e. use of colors
- 5.[low priority] label on node has a strange position when using firefox
6. Left menu user interface could be refined
7. Remove falsely implemented explain box pop out.

Dependency for implementation tasks in Horspool's string searching

