

Sort Visualizer Sprint 1

The Sorters

From Tuesday June 20 - July 06 2020

Goal: Get a working front end that can display different arrays of data, controlled by the user

User Story 1:

“As a user, I want to be able to navigate the website easily, so that I can efficiently get the information I want”

- Create banner, heading, title card and necessary buttons -4HR
- format gui -2 hrs

Total Hours: 6

User Story 2:

“As a student, I want to see datasets/arrays visualized in an intuitive way, so that I can understand what the dataset represents.”

- Create graphic representation of dataset:4 Hours
- create a function to create a new dataset: 1 hour

Total Hours: 4

User Story 3:

“As a user I want to create different datasets with various constraints so that I can see different variations of the same sort”

- Modify dataset with user input and display changes: 3 Hours

Total Hours: 3

User Story 4:

“As a student i would like to see an animation of a sorting algorithm in action in order to learn how it works”

- Implement a sorting algorithm (bubble)
- Animate it
- make different com

Team Roles:

Shawn Lo: Project Owner, Team Member
Alex Lee: Scrum Master for Sprint 1
Cameron Peeters: Scrum Master for Sprint 1
Atticus Jones: Scrum Master for Sprint 2
Julian Shalaby: Scrum Master for Sprint 3

Initial task assignment:

Alex: User Story 2, graphical representation of dataset, and reset it

Shawn: User Story 3, Create GUI (menus, buttons, etc) and modifying dataset with user input

Julian: User Story 1, Script GUI

Cameron: User Story 1, Script GUI

Atticus: Write sorting algorithms

Scrum Board: <http://scrumbler.ca/Sorting%20Algo%20Visualizer%20Sprint%201>

Scrum Times: Wed 7/1 5pm

Fri 7/3 5pm

Sun 7/5 5pm