Operating Systems
CMPT 424

—Lab 8 —————————————————————————

Goals

Simulating disk hardware
This active learning exercise will you help you make progress on the practical aspects of developing your operating system.

Instructions

1. Add the *i*Project 4 / Final Project functional requirements as Issues (*enhancements*, really) in GitHub as element of an "Final Project" milestone.
2. We need to simulate physical storage in the browser. We'll use HTML5 Session Storage for this. Read up on this in the resources listed below.
3. Once you're familiar with the resources below, begin your HTML5 storage implementation. Please use **Session Storage** (as opposed to Local Storage). Thank you.
4. Add features as specified in your Issues and Final Project.
5. Test. (You know this by now.)
6. Read chapters 10.1 and 10.3 in the 8th edition of our text, mainly to prepare for the next steps.

Questions

1. Have you had enough of this yet?

Resources

- http://www.html5rocks.com/en/features/storage
- http://diveintohtml5.info/storage.html

- Chapter 8 in https://gustavus.edu/+max/os-book/
- Chapter 37 in http://pages.cs.wisc.edu/%7Eremzi/OSTEP/

Grading

Your work on this lab will contribute to your grade for the Final Project.

Submitting

Commit your work to your **private** GitHub account in an appropriately-named folder. Make sure to tag your commit messages with the Issue number they address.

Disk platters
Read/write head
Head positioning mechanism
Sealed chamber
Logic board
Hub and spindle motor assembly