1 Background

You all have gone through the horror of detailed specs with MineSweeper, Code-Sets, LinearSim, and Calculon. With our final project, we will be exploring more of C system libraries by implementing something "fun".

This project will be the first time that this has been done, but my goal is to have everyone learn the "magic" of typing find, du, or grep into your terminal.

2 List of Possible Command Line Projects to Implement

Below are a list of command line projects you can implement.

- look (flags: -d -f -t)
- find (no flags, but primaries to implement are -amin -anewer -maxdepth -empty -type -size)
- du (flags -a --max-depth= -c -h)
- tar (See specs)
- chmod (All flags in man page)
- sort (All flags)

If you have a command line tool you would like to implement that is not on that list, please tell me and I can confirm the scope of the project.

3 Restrictions

There are few restrictions to this project.

- using `system`
- `exec`ing the system command in bin

4 Due Dates

- 5/17/2016 - Please pick a project that you would like to implement
- 5/31/2016 - Project check in
- 6/7/2016 - Project Demo