Project #1 Report

# Design

Pseudo code:

* Infinite while loop
* Collect user data
* Print prompt
* Check for empty command entered
* Separate and sort commands
* Check for redirection
* Otherwise just store the info
* Once sorted, check the commands against built in utilities
* Otherwise execute the command
* Call execute function that creates new processes and executes

Assumptions:

We followed the assumptions that were outlined in the project description.

* No more than two pipes
* Input AND output will not appear in the same command
* No wildcard, escaped strings, and quoted strings
* No more than 255 characters per command

# Development Process

9/7 Started the project. Finished the prompt.

9/9 Created a repository on github

9/10-9/11 Started work on collecting and sorting commands

9/12-9-13 Worked on command Execution

9/14-9/16 Built in utilities

9/16-9/17 Input Output redirection / Pipelining

# Contributions

Ben:

* Execution
* Error Handling
* Pipelining

Hebe

* Built in utilities
* Input output redirection
* prompt

# Errors

Pipelining incomplete

# Project Changes

Some changes we would make is to organize the branches better for a better collaboration experience. We spend a lot of time trying to work through unnecessary merging issues. It would also be helpful to be better versed in the git command terminology.