

## Status Report: 4/20/20

### Thirteen new tests added:

Test6ReadFile: tests to make sure the sixth CSV can be read in properly.

Test6ZeroCheck: tests to make sure zero's are in the right places for sixth CSV file.

Test6OneCheck: tests to make sure one's are in the right places for sixth CSV file.

Test13MatrixRows: tests if empty matrix row size is correct for sixth CSV file.

Test14MatrixColumns: tests if empty matrix column size is correct for sixth CSV file.

Test1NonLinear: tests of proper nonlinear values have been inputted and weighed for the first CSV file.

Test2NonLinear: tests of proper nonlinear values have been inputted and weighed for the second CSV file.

Test3NonLinear: tests of proper nonlinear values have been inputted and weighed for the third CSV file.

Test4NonLinear: tests of proper nonlinear values have been inputted and weighed for the fourth CSV file.

Test5NonLinear: tests of proper nonlinear values have been inputted and weighed for the fifth CSV file.

Test6NonLinear: tests of proper nonlinear values have been inputted and weighed for the sixth CSV file.

Test7NonLinear: tests of proper nonlinear values have been inputted and weighed for the seventh CSV file.

Test5ArraySorter tests if array values for Pagerank are properly sorted.

## Story Board:

The screenshot displays a web-based Scrum Board interface. The top navigation bar includes tabs for Analytics, To Do, Issue Tracker, Sprints, Releases, Epics, Backlog, Planning Board, and Flex Board. A search bar and a 'Calendar' icon are also present. The main area shows a Kanban board for 'Demo Project' with columns: 'To Do - Stories', 'Doing - Stories', 'Done - Stories', 'To Do - Issues', and 'Doing - Issues'. The 'Done - Stories' column is expanded, revealing a list of user stories:

- US-23: Add 10 more JUnit Tests (Unassign, Done)
- US-19: Implement Pagerank with linear scoring (Matthew, Done)
- US-18: Implement non-linear scoring (Matthew, Done)
- US-22: Create 20 J Unit Tests (Unassign, Done)
- US-21: Create Adjacency Matrices (Matthew, Done)
- US-20: Add 10 J Unit tests (Matthew, Done)

The interface also features a 'QUICK FILTERS' sidebar on the left and a 'TEAM', 'SETTINGS', and 'BACKLOG' sidebar on the right. The bottom status bar shows the system time as 9:47 PM on 5/4/2020.

## Release Wall:

Project-2-GoogleHappy Release wall

- brainstorm the project and come up with possible solutions to solve it.
- write user story and inception deck.
- write some test cases
- find way to read and preferences from file

Week 2:

- Finished reading in the csv files into the program.
- Made adjacency matrix
- Wrote some tests to test the code written.

Week 3:

- Finished designing PageRanking algorithm

Week 4:

- Work on non-linear scoring
- More tests and debugging

Week 5:

- cmd input working

## Percent Contributed:

Matthew Thompson: 60%

Felix Angelo Baptist Mbikogbia: 20%

Travis Towell: 20%

## Updated Things:

We have added cmd input options and added more csv's to test more files in the project.