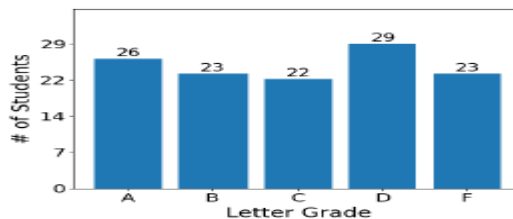Checkpoint 4 IR System (04/09/2021)

Milestones

For our project we hit a number of milestones since the last checkpoint. First, we have finished our project and we are set to give the final demonstration on the 15th. Additionally, we have updated our GitHub to be used by the client. We have also improved our code to generate the graphs from memory as opposed to the file structure of earlier examples, this modification was done by Braedon. Also, we have stress tested our code to work with 3, 5, and 10 classes. Also, Erik has made the pdfs very readable, and an example is attached in this submission. One change made was to use bar graphs.

The code walkthroughs were also created since the last checkpoint and can be found here Driver.py and App.py.

Generated Graph

Eng

A's: 21.1%, B's: 18.7%, C's: 17.9%,

D's: 23.6%, F's: 18.7%

Total Grades: 123

Challenges

The challenges we face are related to handing over the project to the client and a few finishing touches. First thing we did was stress test the project and we found an error were if the class did not exist it would leave space for a nonexistent graph. Braedon fixed the aforementioned problem by modifying the code to list the classes that could not be graphed at the bottom of the report(seen below). Other than that no significant errors occurred. The next thing we need to do is hand over the project to the client.

Failure list

The following classes could not be graphed: Sci313, Sci212, Eng232, Eng333, Eng111