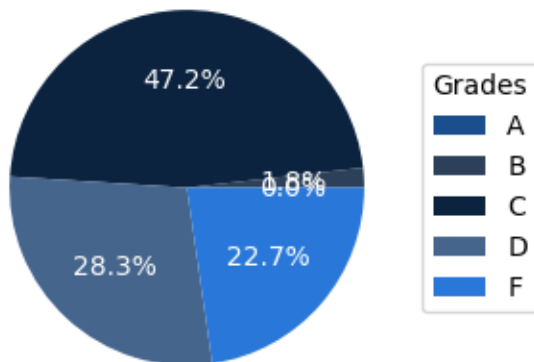Checkpoint 3 IR System (03/19/2021)

Milestones

For our project we hit a number of milestones since the last checkpoint. We have accomplished our phase 4 goals on 03/11/2021. The goal of phase 4 is to connect our front-end code to our back-end code. This was done using flask, the file that specifically accomplished this is app.py. To connect the front-end code to the back-end a number of modifications was made to our driver code. These modifications were made by Erik and Braedon working together. Now driver.py will create the graphs as a .png below is an example. Additionally, Erik has made great progress on the pdf that is generated by the code. An example pdf is attached to this report. Another accomplishment for this checkpoint is we have started the drafts for our code walkthroughs (also attached to the report). The code walkthroughs are for client since their ITS department will have to convert our program to their another language so it can be utilized on their systems.

Generated Graph

A's: 0 B's: 9 C's: 237 D's: 142 F's: 114

Challenges

The challenges we face are related to handing over the project to the client and a few finishing touches. First, we have to update our GitHub to make it more friendly to the client. Also, we have to stress test the project to see if errors occur. Additionally, our generated pdf needs a couple of modifications. These finishing touches will push back our delivery date for the project to the client. We are doing this because we would rather take our time to do the project right then rush to hand over a project because we made a deadline 3 months ago.