

Hardest part:

I had a hard time converting my objects to the correct json format. I had most of the functionality down but could not figure out how to optimally return all the dictionaries and keep the objects separated from the delivery. Eventually, after my second try, I designed it in a way that I thought made sense to the program overall, but several functions in main were longer than they should have been. If I had time, I would have refactored main.

Complete:

Missing:

Contiguous Seats: Functionality working, return for api was not working, check test_section, test_row for unit testing

Report Donations: Does not do the calculations, functionality broken, API return exists

Acceptance Test issues:

5. + 6. I have no idea why these are not passing. I checked by hand and could find no difference.

32. My report included all sections instead of only having two. I didn't really understand why a test would show this.

33. Search working, does not print ShowInfo

Statistics:

Lines of code (source): 710

Lines of code (testing): 230 (If flask and tests are ignored)

Coverage: 80% (Flask or routes.py ignored)

Cyclomatic complexity: $14 - 15 + 2(1) = 1$

$E = (\text{number of edges}) = ; N = (\text{number of nodes}) = ; P = (\text{connected components}) =$

