

Mike Purcell's Challenge: Create a method that takes in an individual student's grades, automatically compares it to the correct advising map, determines whether an accommodation plan is needed, creates one if so, and sends it to the registrar.

Background

Currently, I (Mike P) have to go through the entire process above, on a manual, case-by-case basis. I must locate the correct advising map in my files, open it, locate the student's transcript and open that, and visually note whether the student has failed any classes. If so, I need to manually note this on my end, manually notify the registrar, and manually create an accommodation plan for the student that will create a pathway for them to finish their program successfully.

What I want is a way for much of this to happen automatically once a student's grade has been entered into the system. Your solution should be able to assign a student to an advising plan. Use an exported Excel file of all student grades to populate each student advising plan. Then an accommodation plan should be generated accordingly and sent to the registrar. If the student has not failed any classes, then your solution should make that easy to determine. Ideally, I should also be able to simply open up some sort of page that will tell me at a glance the status of each student.