

# Problem Solving A3 Report

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## Identify the problem

Sometimes it can be inconvenient to keep track of your major as you go term by term completing classes and loosing count of which classes you took and the rest of the classes you need to take. Universities do not provide the best tools to keep track of progress so you can set specific goals for yourself and every time you want to know where you stand, you must log in into outdated software or reiterate by hand.



## Set the target

- Make it easier for students who are majoring to track their progress
- See quickly what classes they have taken and how many credits they have achieved
- See how many classes are remaining to be taken
- Plan future terms to estimate graduation year



## Analyze the causes

- Current university software is primitive. The front end is a command prompt that just offers raw info and gives no immersive oversight.
- Most students keep track of their major in their heads. This causes to forget.



## Propose and implement countermeasures

- Develop a client that collects student info and uses it to give the student meaningful oversight of his standing in his majors such as grades, averages, courses to be taken, expected graduation year and what grades does the student need to get to get his GPA to a specific score.

## Check/Evaluate

## Act and/ or Standardize

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