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## Objective

The objection of this project is to design a course scheduler that can be used to determine valid combinations of courses a student may have in the next semester.

## Summary

This course scheduler shall do the following:

* Place eligible courses on a student’s schedule planner
* Determine whether a student is eligible to take a course based on the student meeting the course’s prerequisites
* Ensure there are no scheduling conflicts with courses that are already entered into the schedule planner
  + If there are conflicts, provide an interface for resolving such conflicts

## Classes

1. Courses

## Use cases

* Add course
  + Resolve schedule conflicts
* Drop course
* Verify eligibility for course
  + Verify against academic history

## Database

The database will require the following tables:

* Student information
* Student academic history
* Department course schedule listing (with prerequisites)
* Student’s proposed schedule

## Other Features