Blue Haired Gals with Pronouns: Talia Hsia, Ziying Jian, Jasmine Yuen
Softdev pd 2
ourTalos
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Time spent: 0.7 hours

PROBLEM DOMAIN:
* A high school of approx. 3300 students, with almost 200 faculty, and about 10 floors of classrooms, labs, etc.

* Students with ranked preferences of course they would like to take.
* Courses: some have pre-requisites, some do not.
* Faculty with expertise areas and licenses allowing them to lead certain courses but not others. Contract limiting how many courses per day they can teach.
* Availability constraints on rooms and other resources due to time of day, etc.
* other notable features you dig up?...

FIRST STEP:

- Assign classes/course codes to each teacher
- METHOD:
    - Make .csv file for teachers
        - cols for each different area of specialization (the different licenses that exist)
        - teachers will be a class
    - For every license, parse through the teachers and if they have an expertise and a license in that area, then assign them to that course
        - if that teacher's course count attribute is 3 or more, do not proceed
            - for that teacher, increase the course count attribute by 1

SECOND STEP:

- Figure out how many students want to take each course
- METHOD:
    - Students will be a class
    - For each graduating class of students, assign each one of them the default classes for that year (core classes)