
Course BOWser

-Make your cross-reg easier

— Alexis Wu —

Background

Cross registration provides more opportunity to all students but it also has some barrier.

- All schools are tiny schools which means ratemyprofessor does not really work.
- There is no online syllabus system like most huge universities
- Course offerings are hard to find (I have friends from both schools asking where the olin course browser is.)

Introduction

Therefore, course BOWser aims to break that barrier and provide BOW students a platform to share and check information about courses offered in other schools.

I wanted to build a website with frontend, backend, and a database so better practice my full-stack skill.

Features

- Registration and Login implemented with session and hashed database for your safety!
- Course search with input fields and drop-list
- You can have multiple instructors for the same course!
- You can add a course to our database and contribute to the community
- You can leave comments on the specific comment page
- You can upload a syllabus or download syllabus uploaded by other people

Demo Time

Challenge - database

I tried to improve my skill on SQL but communication was really a pain.

After tons of research I managed to use local databases with PyMySQL:

It runs with python with only trivial difference to the original MySQL.

Difficult - Rerouting

A real web app has a lot of routing pages and it was truly a pain.

But I finally successfully implemented CRUD with Jinja templates, session, and a lot of new things I learned from this class.

Thank you

<https://github.com/AlexisWu-01/course-BOWser/tree/master>
