



Team 1 Final Presentation

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Team Organization and workload distribution

- Vincent: Project Manager for Lab 3, admin, instructor, student and grader user functionalities, routing issues, HTML and testing
- Kyle: Project Manager for Lab 2, routing and controller functions for the users/admins, devise gem implementation and functionality, implementing grader functionalities, and general troubleshooting
- Daniel: OSU API interfacing, database creation, design, population, and refreshing, recommendation submissions, creation and editing of courses/sections and respective pages, course list, routing, course controller
- Lezhi: Search/ sort /reload course page functionalities, create index course browse page, and integration of course database
- Jin: CSS implemented on HTML



Major architectural decisions made, plus/minuses

- Storing courses, sections, and users as separate DB entities, as well as creating an entity for recommendations
- Storing user role as a number 0-2 and checking user role on pages as a form of security
- Application for grading and how to store information in the database
- Admin and instructor approval
- CSS style



Problems that needed solved

- Learning how to utilize the Devise gem
- Proper security of the website
- Database design
- Utilizing different HTTP methods (Routing)



Areas for improvement/changes for next project

- Focus more on web security of the application
- Better git practices and not pushing files that are unnecessary
- More even workload distribution
- Looking for more gems that may be useful
- More consistent style of coding and locations of files



Tools/Gems that were beneficial

- Devise
- Pagy
- Httparty
- Active_record



Demo of the current status of the project