

Project Concept and Definition

General Concept:

Allow students to submit homework assignments and allow graders/professors to grade these assignments.

Users / Needs of Users:

Overall:

- Change password
- Login / Logout
- Select course
- Add email for password reset (no need for professor or admin interaction)

Student:

- Submit a particular file to a given assignment
- View grades/comments on assignments
- Submit support files for an assignment
- Jointly submit a file with a “partner”
- (Help from vs. jointly submitting with partner?)

Grader:

- Submit a grade for a particular file and assignment and student
- View all submissions for an assignment (files separate)
- View all submissions for a student
- View a submission and inline comment code
- Rerun autograder
- Lock and unlock specific submissions
- Go to next submission by student
- Go to next submission by file

Professor:

- Add graders to their class (create account if not exist)
- Add students to their class (create account if not exist)
- Add assignments and files for class
- All of the above grader requirements
- Reset passwords for every student and grader in class
- Auto apply Euro to late assignments
- Specify Euro rules for class
- Override Euro assignment for a given student and assignment
- View all grades for the class (including subgroups of assignments)

Admin (Separate account):

- Add courses
- Add professors to a given course
- Reset all passwords
- All of above professor and grader requirements for all classes

Goals:

Have a fully navigable frontend. Reduce friction of grading. Easy to create courses, assignments, add professors, graders, and students.