

Requirement Analysis

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For instructors:

Give out the assignment: should have the assignment document upload, should have the deadline. Only instructors can add, delete, and modify assignments.

Collect assignment: Collect student work from the assignment page, download the assignment from the submission file. Only instructors and TAs can collect student's work from the assignment page.

Manage TA and students: can manage TA and students information in the class, add or delete students and TAs. Only instructors can manage TA and students.

Grade assignment: grade and give comments for the student's work on the assignment page, only this student, TA, and instructors can see. Only instructors and TAs can give comments.

Manage course and section: add, delete, and modify the course page, section, syllabus, assignment. Instructors can only manage the course and section he/she teach.

For TA:

Collect assignments: Can collect student's work on the assignment page submission files which students upload. and can download it. They can only collect from their course.

Grade the assignments: grade the work on the assignment page by modifying the grade. Only this student, TAs, and instructors can see.

Give comments: Give comments for different on their assignment page, only this student TAs, and instructors can see.

For Students:

Submit assignment: upload the work on the assignment page. Only can access own account, and only can see own status of submitting.

Re-submit: after submit, the student can submit another work on the assignment page to replace the previous one. The instructors and TA can see both the new one and the previous one.

See grade: students can see their grade on the assignment page for this assignment. The student cannot modify it. only can see their grade.

See comments: can see comments on the assignment page. They cannot modify it. Only can see own comments.

Instructor	TA	Student
Name	Name	Name
Email	Email	Email
Office		Pawprint

Assignment	Course	Section
Submission File	Course Name	Section Number
Grade	Course Number	Syllabus
comment		
Submission date		

- This software needs storage which can store all the assignments and data.
- Need to run on different operating systems.
- Should have a log-in system make all users secure.
- Should have the internet to connect to this software.