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Assignment 3

2/3/2020

Requirement Analysis

Users

- CS Department staff

- CS Department faculty

- CS Department students

System Requirements

- Database

- Website/Application to show the app

- Server to host everything

User Requirements

- CS Dept Staff

  - Need to be able to enter in grades for students

    - Store grade data with a relationship to the student

  - Need to be able to collect assignments from students

    - Store assignment due dates and student submissions

  - Need to be able to see submissions

    - Store timestamps of when assignments are submitted

- CS Dept Faculty

  - Manage the course (essentially a type of admin)

- ■ Change grades
  - ● Store current grades and be able to change them
- ■ Set rubrics
  - ● Store rubrics that are posted on the app
- ○ Need to be able to give permissions to TA's and students
  - ■ Store permissions groups in relation to TAs and students

- ● CS Dept Students
  - ○ Submit assignments
    - ■ Store assignments and timestamp of submission
  - ○ See grades
    - ■ Store grades and be able to pull up an individual students grade (relationship)
  - ○ See overall grades
    - ■ Be able to perform simple calculations on the stored grades