

Sprint 3 To Do List:

- ✓ Jenkins+ AWS+ other setup —> Rachana
- API + Test Cases + UI + error handling on the UI + Exception handling on the backend —> To be divided equally
- ✓ UI final Integration —> Viha
- ✓ Login UI - (api ready; UI ready; test cases yet to write)
- ✓ Register UI - (api ready; UI ready; test cases yet to write)

Faculty UI

-> *faculty should login and view multiple submissions from multiple students*
*When faculty logs in - highlight the course/assignment of interest.

-> *Faculty CRUD Operations:*

-> *semester*

- * spring-2017, fall-2018 etc..
- * set default semester based on today's date
- * drop down listed in reverse chronological order with most recent at the top

-> *course*

- * courses for the Current semester should be displayed by default
- * CRUD courses for a particular semester
- * course property should be at least name or label
(we have chosen a drop down)
- * selecting a course/assignment/ submission highlights it
- * delete/update icons next to course/assignment/ submission
- * should be able to rearrange (sort) courses/assignments

-> *assignments*

- * CRUD operations similar to courses

-> *Comparison*

- * run comparisons
- * set plagiarism threshold
- * Comparison against multiple files for a single assignment
- * Comparisons for any new submission from same
two students (incremental comparisons - to avoid long wait)
basically compare as soon as a student makes a submission

- * System can run periodic comparisons (based on a particular time or so)

-> *Reports generated*

- * view report for a single submission for a single pair of students
- * Submission displays score next to it's label and is highlighted if above threshold
- * Reports should include term, course, section, assignment, students and files.
(If multiple files exist; mechanism to choose those files)
- * Filter reports based on threshold.
- * Faculty should be able to set the threshold, but set a default value too.

-> *Faculty should be able to show files next to each other with similar code highlighted.*

-> *Email property if plagiarism is detected*

(Again: run plagiarism after students make the submission and don't wait for professor to make a comparison)

-> Plagiarism across different semesters ???

Student UI

- course registration by selecting semester and available courses under it.
- should be able to view courses registered for and the assignments under it.
- Assignment submissions by selecting Course, semester, assignment number etc. and provide a gut hub link for it (UI ready)
- should be able to submit assignments only to the registered courses.
- should be able to submit and view multiple submissions to an assignment.
- should be able to register to the system and search for courses to add similar to Piazza

Admin UI

- Change user roles
- Grant Faculty roles after faculty registers himself in the system.