

RefReps: Closure

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Requirement Match: Initial vs. Final

- **The learning management system shall be automated with a course creation process**
 - Admins can create courses new courses by filling out a form.
- **The learning management system shall use templates for authors to base their course off of when creating a new course.**
 - Authors can create new courses by copying already template courses
- **The Author shall be able to add to/edit their curriculum (Videos, Quizzes, Descriptors)**
 - Authors can add to and edit curriculum in courses.
- **The Author shall be able to add students to their curriculum (From csv files)**
 - Authors can add students to courses by entering email addresses or by uploading a csv
- **The Author shall be able to view student reports and certificates within their curriculum.**
 - Authors can view students grades, and see quiz attempts.
- **The Student shall be able to view & access any materials that the Author provides them**
 - The Student can view & access any materials that the Author provides them (as long as proper requirements are met)
- **The Student shall be able to access their certificates and reports.**
 - The Student can access their quiz grades and see past quiz attempts.

Requirement Match: Initial vs. Final (Part 2)

- **The Owner (Company) shall be able to view courses and students that are in the system.**
 - The Owner can view all courses and students in the system.
- **The Owner (Company) shall be able to remove any courses and students that are in the system.**
 - The Owner can remove any course that are in the system and remove students from any classes.
- **The Owner (Company) shall be able to edit any courses and students that are in the system.**
 - The Owner can edit any courses and students that are in the system.
- **The Owner (Company) shall be able to add to/edit their curriculum (Videos, Quizzes, Descriptors).**
 - The Owner can add to and edit their curriculum.
- **The Owner (Company) shall be able to add students to their curriculum (From csv files).**
 - The Owner can add students to their curriculum(From csv files, by course link, coupon code, or email)
- **A Course shall have a limit of how many students can be placed in it.**
 - A course has a limit of how many students can be placed in it, set by Owner.
- **A Course shall have a specified number of classes that it will have.**
 - A Course has a limited number of students that can be added, and an author/organization would need to buy multiple instances of a course to have separation between classes.

Requirement Match: Initial vs. Final (Part 3)

- **A Course shall have a lecture drop system that allows modules to be accessed/opened at a certain date/time.**
 - A course has a lecture drop system that allows modules to be accessed at a certain time and date.
- **A Course shall show a detailed report of the amount of students who watched/finished a video.**
 - A course can show which students have finished watching a video, and can force complete for students.
- **An Author will be able to add sub-videos on a module that is an additional requirement for students to watch.**
 - An Author can add any number of videos to a module, either requiring students to watch or not.
- **Students should be able to take quizzes.**
 - Students can take quizzes.
- **Students can view quiz results only after completing the quiz.**
 - Students can view quiz results only after completing the quiz.
- **Authors can see Students quiz results (number of attempts and grade).**
 - Authors can see Students quiz results (number of attempts and grade).
- **Owners and Authors can add text to modules.**
 - Owners and Authors can add announcements to modules.

Requirement Match: Missing

- **Certificates**
 - no mention of them past design meeting. Moved to follow traditional grading scale.
- **Video analytics**
 - Originally client wanted to be able to set a progression percentage on videos in order to progress, client said just completing the video entirely was preferred. Originally wanted to be able to view who and how long students watched the videos, authors can view who completed watching the video.
- **Course creation form**
 - An early high importance item that included a much more expansive course creation form. Didn't end up expanding the existing form and need to inform client that it wasn't completed
- **Admins deleting students from system**
 - mentioned during initial meetings, not brought up again, we didn't get to it. Admins can edit all student information and students can be removed from courses
- **Surveys**
 - Would have been an expansion of the quiz function but didn't have enough time to show overall answer reporting that would have made them useful. Need to confirm with the client that this wasn't completed.

Requirement Match: New Features

- Saving video progress if not completed : added ourselves.
- Being able to set specific content to be open outside of course progression : discussed in subsequent client meetings
- Force completing content : discussed due to issues they had found with Teachable
- Coupon Codes : brought up by client after design meetings.
- Quiz Question types : brought up by client after design meetings

Final Meeting

How did it go?

Literally happened just before class...

Transfer

GitHub owner transfer? Source code and binary zip? Just url of repository? (Just happened before class)

Successful actions

- Volunteer for tasks at beginning of each iteration / taking responsibility for features
 - Allowed everyone to work on what they wanted to.
 - Focus on whatever's left towards end of iteration.
- Organization of the codebase
 - Easily allowed adding new features/use cases while maintaining old ones.
- Frequent meetings both in team and with client
 - Setting clear goals to work towards
 - Being able to know what every member is working on / if help is needed / how long it might take to complete it
- Working on the project simultaneously to receive fast input and reducing time spent stuck on one problem.
- Taking detailed meeting notes so objectives were clear and specific

Not Successful Actions

- Last minute “sprints”
 - Resulted in us submitting an iteration minutes before midnight due date.
 - To avoid future undue stress, try and schedule more “sprints” spread throughout iteration.
- Not communicating what was being worked on
 - Led to confusion on what was done and what still needed to be done.

Missed Actions

- Github Issues
 - Only used Github Issues towards end of iteration 5.
 - Good way to keep track of who is working on what, and what needs done still.
- Cypress Front-End Testing
 - Attempted to get working for iteration 5, but ran into issues.
 - A good way to test the front-end.

Final Thoughts...