



InClass

Team 17 - Design Inspection, Code Inspection, and Unit Testing

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Sprint 2 User Stories

For this sprint, we focused on implementing the core features for InClass. Teachers are able to create classes and assign quizzes to those enrolled.

1. As a user (student) I want to be able to be marked present for a class using the camera on my phone.
2. As a user (student), I want to be able to marked present for a class using geolocation.
3. As a user (student/professor), I want to be able to view leaderboards of other students in my class.
4. As a user, I want to be able to view slides on my computer, and I want my slides to advance as my professor advances the slides.
5. As a user (professor), I want to open attendance and show the QR code.
6. As a user (student) I want to see visual graphs of class grades.

Design Inspection Defect Log

Product	InClass Web Application Design Inspection
Date	2/28/2019
Author	Evan Klein
Moderator	Case Wright
Inspector	Pat Fortunato, Nicolas James

Recorder	Patrick Sullivan		
Defect #	Description	Severity	How Corrected
1	Upon adding a file to a course, the page does not update with the new file without refreshing	2	Created a socket to notify clients when a file is added
2	Upon getting quiz results, the line bars do not accurately represent the class quiz scores	3	Associated users with single quizzes and not one user submitting multiple quizzes. Update the first quiz submitted.
3	Upon viewing the slides, the first slide will have bad sizing that will not show a part of the slide until the user switches slides again	3	Set parameter for the PDF viewer to specific page and rapidly switch page
4	QR code is off center when the button is pressed to display it.	3	Adjust the CSS styling.
5	QR code is displayed too small to be scanned accurately.	3	Adjust the size of the image displayed on button click in the CSS styling.
6	"Check in" attendance button is on a new row, when it should be in line with the quiz buttons.	3	Create one div for the buttons instead of multiple.

Code Inspection Log

Product	InClass Server Application		
Date	2/28/2019		
Author	Pat Fortunato		
Moderator	Case Wright		
Inspector	Evan Klein		
Recorder	Nicolas James		
Defect #	Description	Severity	How Corrected
1	The quiz association to student is many quizzes to one student.	2	Changed the association from many-to-one to one-to-one that will update the first submission if one exists already.
2	Upon trying to download the slides to the user's device, it instead downloads an HTML copy of the page	2	Make sure that the file route is correctly formatted, otherwise it'll just download a bunch of gibberish

Unit Testing Log

Module	Quiz Module				
Date	2/28/2019				
Author	Case Wright				
Moderator	Evan Klein				
Defect #	Description	Input	Expected Output	Severity	How Corrected
1	Upon loading a page with no active quizzes, errors are thrown in the console.	Open course page with no current quizzes	Display "No Quizzes" in greyed-out button	2	Check to make sure if there any active quizzes before calling the function that modifies the array.

Module	PDF Viewer Module (Slides)				
Date	2/28/2019				
Author	Case Wright				
Moderator	Evan Klein				
Defect #	Description	Input	Expected Output	Severity	How Corrected
1	Slides are not being correctly uploaded, fails test for properly saving in the	Upload a PDF of slides	Slide gets uploaded properly	2	Had to modify how the slides were being added so

	project directory				that it follows the same procedure as the regular document upload
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