Test Plan

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Test ID	Title	Severity	Instructions	Expected Result
Login 001	Log in success	1	Go to website and enter in valid credentials and click log in	Logs user in and sends them to main page
Login 002	Log in with invalid credentials	1	Go to website, enter in invalid credentials and click log in	Denies user, brings them back to main page and shows them error message
Login 003	Log in with no username or password	1	Click log in without username or password entered	Don't let page submit
Login 004	Log in with a username but no password	1	Type in username in log in screen with no password	Denies user, brings them back to main page and shows them error message
Logout 001	Log out	2	Click 'Log out' button	Logs out user and returns them to login page
View Classes 001	View all classes (professor and student)	3	Click on classes	Show all classes
Drop Classes 001	Drop a class from view (student)	3	Click on classes, and then click on which class you want to view, then click drop class button	Redirects user to classes, no longer show dropped class

Mark Present 001	Mark present with phone camera	2		Click on class you want to mark presence at, then click 'Mark Present.' Then scan the supplied QR code.	Mark student present for the class period, don't let them access mark present interface again
Mark Present 002	Mark present with phone camera (bad QR)	2		Click on class you want to mark presence at, then click 'Mark Present.' Then scan a bad QR code.	Don't let QR code work
View Classes 001	View current classes enrolled (student and professor)	3		Click on classes	Shouldn't show classes that you have previously dropped, should only show classes you're currently moderating/enrolled in
Drop Class 001	Drop class from view (student)	3		Click on classes, select a specific class, and then click on 'Drop class'	Should kick user back to classes page, then no longer show the dropped class
Mark Present With Location 001	Mark present with phone and location	2		Click on class you want to mark presence at, then scan a picture of the QR code.	System checks user's location and makes sure that it is close enough to professor
Mark Present With Location 002	Mark present with phone and (bad) location	2		Click on class you want to mark presence at, then scan a picture of the QR code	Denies if it is outside of the appropriate range
View	View	3		Click on class	Should show

Leaderboards 001	leaderboards of all students in a class		you want to view leaderboards for, then go to leaderboards section	current roster of students in class with their quiz grades and where they stand in the class
View Slides 001	View slides on student computer that sync with professor's slides	2	Go to class after having signed in and click 'Professor's slides'	Should show slides that are currently on the professors
View Slides 002	View slides on student computer but professor hasn't submitted any slides	2	Go to class after having signed in and click 'Professor's slides'	Should show 'No slides here' message
View Slides 003	Make sure that slides actually sync with student computers	3	Professor clicks 'next slide' on presentation while student is viewing slides	Next slide quickly shows on students machine, student can go back to previous slides if needed
Take Quiz 001	Take a quiz as a student	2	Professor submit quiz on class view, student clicks on 'New Quiz'	Should show new quiz and let student submit only 1 answer
Take Quiz 002	Try to retake a quiz as a student	2	Student takes professor quiz and then tries to click 'take quiz' button again	Shows 'You have already taken this quiz' message and does not let student retake
Take Quiz 003	End quiz session (professor)	2	Click 'end quiz' button on class view	Will no longer let students take quiz, no longer shows quiz for student devices

Add Class to Roster 001	Add classes to roster (student)	2		Scan QR code for class given by professor, then click 'Join class'	Should show class in classes page and deliver success message if QR code is good
Add Class to Roster 002	Add class to roster (student) but bad class QR code	2		Scan QR code, then click 'Join class'	Should show error message and redirect user to add rosters page
Add Class to Roster 003	Add class to roster (professor)	2		Click 'Create class' on class page and select 'Owner,' then display QR code on page to allow students to join	Should add a class to your classes page, students should be able to join
Open Attendance 001	Open attendance to class (professor)	2		Select the class from the classes page and then click 'Open Attendance.' Then display the QR code for the class	Students should be able to sign in, professor should see a count of how many students are marked present
Open Attendance 002	Close attendance	2		Select the class from the classes page and click 'Close Attendance'	Students should no longer be able to mark presence for the class
Assign Quizzes 001	Assign a quiz to a class	2		Select the class from the classes and click 'Create new quiz,' then create a quiz and press 'submit'	Should display quiz to class on their device under the 'Quiz' section
Assign Quizzes 002	Close quiz	2		Select the class form the classes and click 'Close quiz'	Students should no longer view the quiz and professor should

				be able to view the quiz results under the 'Quizzes' section
Share Files 001	Upload files to a folder for students to download	2	Prompted to upload a file to class folder	A copy of the file should appear in the desired folder
Download Files 001	Download files from class folder	2	Click on file and download file onto a desired directory	A copy of the file should appear on your own computer
Delete File 001	Delete outdated or unwanted files in shared folder	2	Click on file and chose to delete the unwanted file	File should be deleted from the shared directory
View class average 001	View quiz average of all students in class.	2	Click on class you want to view average for then go to class average section.	Users should be able to access and view the the average score students have attained on quizzes.
Cross platform 001	Web app runs on laptop.	2	Run web app in browser of laptop. Login and check account.	Users should be able to view web pages without any flaws and should be able to use web app functions.
Cross platform 002	Web app runs on phone.	2	Run web app in browser of phone. Login and check account.	Users should be able to view web pages without any flaws and should be able to use web app functions.
Graph 001	View a graph of the class grades	2	Click on the class you want to see the overall grades of	Users should see a summary of all of the overall grades

				the class for, and then click view overall grades graphically.	for all the students in a class, in graphical form.
Ask questions 001	Ask a real time question	1		Click on the class page you want to ask a question in, click ask a question, type your question, and then submit it.	Users should be able to submit a question successfully and see the question in the list of questions.
View questions 001	View other students questions	1		Go the the class page and view the active questions pane. Add a question in a new instance.	Users should see all active questions and see new ones appear as they are created
Like other questions 001	Like other students questions	1		Go to the class page and view the active questions pane. Click the "Yeah" button on a question on two different instances	All users should see an increase on the number of likes without having to reload