

Product name: Peergrader

Team name: Peergrader

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Test Plan and Report

System Test scenarios:

- A. View Student Dashboard (pass/fail): As a student I want to see my dashboard with my courses and assignments that I need to complete in an organized manner.
- B. Create Course (pass/fail): As an instructor I want to be able to create a course and see all the students in my course.
- C. Create Assignment (pass/fail): As an instructor I want to create an assignment with a specific rubric per assignment and assign it to a course.
- D. Different Logins (pass/fail): Login with different account types
- E. Submit Assignment (pass/fail): As a student I want to be able to go to an assignment and turn in a file.
- F. Grade Peer Submissions (pass/fail): As a student I want to be able to see all the people I need to grade, be able to see their submissions, and give them a grade based on the rubric for that assignment.
- G. Add Comments on PDF Submissions (pass/fail): As a student I want to be able to comment on the pdf when grading other students to provide specific feedback.
- H. View Grading Score (pass/fail): As an instructor I want students to get a grading score based on how well they graded others.
- I. View Class Progress (pass/fail): As an instructor I want to be able to see the progress the class has made on turning in and grading
- J. View Scores and Feedback (pass/fail): As a student I want to be able to see the scores I have been given and what I lost points for.
- K. Customize Profile (pass/fail): As a student or teacher I want to be able to customize my profile.
- L. View and Export Student Scores (pass/fail): As an instructor I want to be able to see the scores students have been given and what I lost points for and export to CSV.
- M. Customize Course Settings (pass/fail): As an instructor I want to be able to have customization over course settings to suit my needs.

Scenario 1: View Student Dashboard (pass/fail)

- 1. start PeerGrader app
- 2. press "Login" button

3. fill in required fields
Email = < email >
Password = < password >
press the “Sign In” button
4. user should then be redirected to the Student Dashboard

Scenario 2: Create Course (pass/fail)

1. start PeerGrader app; press “Login” button; fill in required fields; user should then be redirected to the Teacher Dashboard
2. press the “+ Add Course” button
3. fill in required fields
Course Name = < course name >
Course Number = < course number >
Course Start Date = < course start date >
Course End Date = < course end date >
press the “Create Course” button
4. user should then be redirected to the course page - settings section

Scenario 3: Create Assignment (pass/fail)

1. start PeerGrader app; press “Login” button; fill in required fields; user should then be redirected to the Teacher Dashboard
2. press on a course in the “Active Courses” section
3. user should then be redirected to the course page
4. press the “Add Assignment” button
5. user should then be redirected to the Create Assignment page
6. fill in required fields
Assignment Name = < assignment name >
Assignment Description = < assignment description >
Accepting Submissions = < start date time to end date time >
Grading = < start date time to end date time >
Number of PeerGrades = < number of PeerGrades >
Rubric = press “Custom” or “Simple”
if “Custom”
base rubric displayed; edit any of the “Criteria”, “Rating”, or
“Points” by typing in fields
press wheel to add or delete a field
if “Simple”

base rubric displayed; edit any of the “Criteria”, “Rating”, or
“Points” by typing in fields
press wheel to add or delete a field

press “Create Assignment” button

7. user should then be redirected to the course home page and be able to view the created assignment underneath the “Assignments” section

Scenario 4: Different Logins (pass/fail)

1. start PeerGrader app; press “Login” button; fill in required fields; user should then be redirected to their respective dashboard

OR

2. start PeerGrader app; press “Login” button; press “Sign in with Google” button
3. user should then be redirected to a google authentication page
4. select the email you want to sign in with
5. user should then be redirected to a “Sign in to vrmbpvpdkdpziqlbzb.supabase.co” page
6. press “Continue”
7. user should then be redirected to their respective dashboard

Scenario 5: Submit Assignment (pass/fail)

1. start PeerGrader app; press “Login” button; fill in required fields; user should then be redirected to their student dashboard
2. press on a course in the “Active Courses” section
3. user should then be redirected to the course page
4. press on an assignment due based on reminders tab or the dashboard
5. user should then be redirected to the assignment page
6. press select file
7. user should then see their file browser open and select a PDF for submission
8. press “Submit Assignment”
9. user should then be able to view their submission and be able to press “Resubmit?” if they would like to resubmit

Scenario 6: Grade Peer Submissions (pass/fail)

1. start PeerGrader app; press “Login” button; fill in required fields; user should then be redirected to their student dashboard
2. press on a course in the “Active Courses” section
3. user should then be redirected to the course page
4. press on an assignment due based on reminders tab or the dashboard

5. user should then be redirected to the assignment page
6. press the (granted the grading period has begun) "Get Next Submission to Grade" button on the right hand side
7. user should then be redirected to the grading page
8. select grades from the rubric on the right based on the peer submission displayed on the left
9. press the "Comment" tab on the right; press the "Add Comment" button to drop a pin on the peer submission and leave the comment;
10. once user is done grading press the "Submit Review" button on the bottom right
11. user should then be redirected back to the assignment page

Scenario 7: Add Comments on PDF Submissions (pass/fail)

1. start PeerGrader app; press "Login" button; fill in required fields; user should then be redirected to their student dashboard
2. press on a course in the "Active Courses" section
3. user should then be redirected to the course page
4. press on an assignment due based on reminders tab or the dashboard
5. user should then be redirected to the assignment page
6. press the (granted the grading period has begun) "Get Next Submission to Grade" button on the right hand side
7. user should then be redirected to the grading page
8. select grades from the rubric on the right based on the peer submission displayed on the left
9. press the "Comment" tab on the right; press the "Add Comment" button to drop a pin on the peer submission and leave the comment;
10. once user is done grading press the "Submit Review" button on the bottom right
11. user should then be redirected back to the assignment page

Scenario 8: View Grading Score (pass/fail)

1. start PeerGrader app; press "Login" button; fill in required fields; user should then be redirected to their teacher dashboard
2. press on a course in the "Active Courses" section
3. user should then be redirected to the course page
4. press on an assignment in the table
5. user should then be redirected to the assignment page
6. user should now be able to see a table with all the students in the class, if they have a submission yet, how many people they have graded, their grading score, how many people have graded them, the average score given to them, and their final score

Scenario 9: View Class Progress (pass/fail):

1. start PeerGrader app; press "Login" button; fill in required fields; user should then be redirected to their teacher dashboard
2. press on a course in the "Active Courses" section
3. user should then be redirected to the course page
4. press on an assignment in the table
5. user should then be redirected to the assignment page
6. user should now be able to see progress bars for the class's progress on submitting and grading, as well as the number of people that have submitted, the total number of people in the class, the number of grades given, and the total number of grades that need to be given

Scenario 10: View Scores and Feedback (pass/fail)

1. start PeerGrader app; press "Login" button; fill in required fields; user should then be redirected to their student dashboard
2. press on a course in the "Active Courses" section
3. user should then be redirected to the course page
4. press on an assignment due based on reminders tab or the dashboard
5. user should then be redirected to the assignment page
6. If the assignment is closed, you should be able to see a preview of your submission on the left side, and "my feedback" on the right side. This should show a list of the grades you have been given. You can click on a grade to see the details
7. user should then be redirected to the assignment page
8. User should be able to see your submission on the left, and the rubric/comments on the right, but instead of being able to edit, these should be autofilled with the details given by that grader

Scenario 11: Customize Profile (pass/fail)

1. start PeerGrader app; press "Login" button; fill in required fields; user should then be redirected to their student/teacher dashboard
2. User should see their name and profile picture in the top right corner
3. Click on your name, then on profile in the dropdown menu
4. User should see the profile page, and be able to edit their name and profile picture, and then click the save button to save changes

Scenario 12: View and Export Student Scores (pass/fail)

1. start PeerGrader app; press “Login” button; fill in required fields; user should then be redirected to their teacher dashboard
2. press on a course in the “Active Courses” section
3. user should then be redirected to the course page
4. Click on the settings tab. The page should switch to show the course settings
5. Click on the export grades button. A popup should appear, with a progress bar showing the progress of calculating the grades. A table will be displayed showing all the students in the course, each assignment in the course, and the grade that they got on that assignment
6. Click on the download button in the upper right of the popup to download the grades as a csv file

Scenario 13: Customize Course Settings (pass/fail)

1. start PeerGrader app; press “Login” button; fill in required fields; user should then be redirected to their teacher dashboard
2. press on a course in the “Active Courses” section
3. user should then be redirected to the course page
4. Click on the settings tab. The page should switch to show the course settings
5. The user should be able to edit the course name, course number, start date, and end date fields, and then press the save button to save changes