

Final Test Report

Requirements	Type of test	Pass or Fail	Contributor	Associated Test file
	I: Integration Testing S: System Functionality Testing O: Operational Acceptance Testing UN: Unit Testing US: Usability Testing A: Acceptance Testing	P: Pass F: Fail	SP: Sehajvir Singh Pannu LX: Lance Xu SR: Shila Rahman PD: Prabhmeet Singh Deal CZ: Charlotte Zhang	
Functional Requirements: Instructor				
1 - Account				
The system must provide a user registration feature that allows instructors to create an account.	UN, US	P	SP, PD, LX	instructorRegister.test.js
The system must accurately capture and store the following information: first name, middle name, last name, instructor ID, email, and password.	I, UN	P	SP, PD, LX	instructorRegister.test.js
The system must provide a secure login functionality for instructors to access the platform using their registered email and password, ensuring authentication and verification of credentials.	UN,US	P	SP, PD, LX	authenticateInstructor.test.js

The system must provide instructors with the ability to reset their passwords in the event of needing to change them.	UN, US	P	SP, PD, LX	updateInstructorPassword.test.js
The system must offer a secure and accessible password recovery process that ensures the privacy and security of user accounts.	UN, US	P	SP, PD, LX	resetPassword.test.js
The system must provide instructors with the ability to log out of the system, implementing appropriate security measures to ensure a secure disconnection and protect against unauthorized access.			SP, PD, LX	
The system must allow instructors to edit instructors' own profile on the platform, including their first name, middle name, last name, email and password.	UN, US	P	SP, PD, LX	updateInstructorProfile.test.js
2 - Course			SP, PD, LX	
Instructors must be able to view all the courses that are created by themselves.	UN, US	P	SP, PD, LX	getCourseList.test.js
Instructors must be able to view all students who register for this course(first name, middle name, last name, email and student ID).	UN, US, A	P	SP, PD, LX	getCourseStudentList.test.js
Instructors must be able to view all evaluation forms that were created for this course.	UN, US	P	SP, PD, LX	getCourseFormList.test.js
Instructors must be able to view all groups that were created for this course.	UN, US	P	SP, PD, LX	getCourseGroups.test.js

Instructors must be able to view all assignments that were created for this course.	UN, US	P	SP, PD, LX	getAssignmnetList.test.js
Instructors must be able to find a navigation bar to search students by student name or ID on the page.	S, US	P	SP, PD, LX	
Instructors must be able to assign students to groups.	S, UN, US	P	SP, PD, LX	addStudentToGroup.test.js
Instructors must be able to delete and remove students from groups.	UN, US	P	SP, PD, LX	removeStudentFromGroup.test.js
Instructors must be able to add new students in courses by CSV files.	UN, US	P	SP, PD, LX	addStudentToCouse.test.js addStudentToCoursePreview.test.js
Instructor must be able to view all students that are sorted by groups.	UN	P	SP, PD, LX	
Instructors must be able to create new groups in courses by CSV file.	US	P	SP, PD, LX	
Instructors must be able to edit group members within groups	UN	P	SP, PD, LX	removeStudentFromGroup.test.js addStudentToCoursePreview.test.js
Instructors must be able to delete groups from the course.	UN, US	P	SP, PD, LX	removeStudentFromGroup.test.js removeEmptyGroup.test.js
Instructors must be able to set the course visibility to publish or unpublished the course.	UN, US	P	SP, PD, LX	instructorSetCourseVisibility.test.js
3 - Evaluation Form			SP, PD, LX	
Instructors must be able to create evaluation forms.	I, S, UN	P	SP, PD, LX	instructorCreateForm.test.js

Instructors must be able to view all the questions and their options in the evaluation form.	I, S, UN	P	SP, PD, LX	instructorGetForm.test.js
Instructors must be able to edit the evaluation form if there is no evaluation submitted.	UN, US	P	SP, PD, LX	instructorEditForm.test.js
Instructors must be able to find the evaluation feedback submitted by students belonging to this course.	UN, US	P	SP, PD, LX	instructorGetFormAnswer.test.js
Instructors must be able to view the grade on one evaluation from one evaluator to one evaluatee.	UN, US	P	SP, PD, LX	instructorGetIndividualGrade.test.js
Instructors must be able to view the grade on one evaluation from multiple evaluators to one evaluatee.	UN, US	P	SP, PD, LX	instructorGetOverallGrade.test.js
Instructors must be able to set the form visibility to release or unreleased the evaluation form.	UN, US	P	SP, PD, LX	instructorSetFormVisibility.test.js
Instructors must be able to set the feedback visibility to release or unreleased evaluation feedback.	UN, US	P	SP, PD, LX	instructorSetFormSharefeedback.test.js
Instructors must be able to edit students' grades on the evaluation.	UN, US	P	SP, PD, LX	instructorEditGrade.test.js
4 - Assignment			SP, PD, LX	
Instructors must be able to create assignment and assignment rubric.	UN, US	P	SP, PD, LX	instructorCreateAssignment.test.js instructorCreateRubric.test.js
Instructors must be able to view the assignment and assignment rubric created for this course.	UN, US	P	SP, PD, LX	getAssignment.test.js

Instructors must be able to view a list that provides the information about which students have completed the assignment and which students have not.	UN, US	P	SP, PD, LX	getAssignmentCompletionStatus.test.js
Instructors must be able to view the assignment submissions from the students in this course.	UN, US	P	SP, PD, LX	instructorGetSubmissionLink.test.js
Instructors must be able to find the assignment assessment submitted by a student belonging to this course.	UN, US	P	SP, PD, LX	viewAssessment.test.js
Instructors must be able to remove the assignment if there is no assessment or submission record for this assignment.	UN, US	P	SP, PD, LX	removeAssignment.test.js
Instructors must be able to view the grade on one assessment from one evaluator to one evaluatee.	UN, US	P	SP, PD, LX	viewAssessmentIndividualGrade.test.js
Instructors must be able to view the grade on one assessment from multiple evaluators to one evaluatee.	UN, US	P	SP, PD, LX	viewAssessmentOverallGrade.test.js
Instructors must be able to set the form visibility to release or unreleased the assignment.	UN, US	P	SP, PD, LX	instructorSetAssignmentVisibility.test.js
Instructors must be able to set the feedback visibility to release or unreleased the assignment assessment.	UN, US	P	SP, PD, LX	instructorSetAssignmentSharefeedback.test.js
Functional Requirements: Student			SP, PD, LX	
1 - Account			SP, PD, LX	

The system must provide a user registration feature that allows instructors to create an account.	UN, US	P	SP, PD, LX	studentRegister.test.js
The system must accurately capture and store the following information: first name, middle name, last name, instructor ID, email, and password.	I, UN	P	SP, PD, LX	studentRegister.test.js
The system must provide a secure login functionality for instructors to access the platform using their registered email and password, ensuring authentication and verification of credentials.	I, US	P	SP, PD, LX	authenticateStudentService.test.js
The system must provide students with the ability to reset their passwords in the event of needing to change them.	I, US	P	SP, PD, LX	studentUpdatePassword.test.js
The system must offer a secure and accessible password recovery process that ensures the privacy and security of user accounts.	UN, US	P	SP, PD, LX	resetPassword.test.js
The system must provide students with the ability to log out of the system, implementing appropriate security measures to ensure a secure disconnection and protect against unauthorized access.			SP, PD, LX	

The system must allow students to edit students' own profile on the platform, including their first name, middle name, last name, email and password.	I, US	P	SP, PD, LX	
2 - Course			SP, PD, LX	
Students must be able to view all the courses in which they are enrolled.	I, US		SP, PD, LX	getCourseList.test.js
Students must be able to view all students who register for this course(first name, middle name, last name, email and student ID).	I, UN, US, A		SP, PD, LX	getCourseStudentList.test.js
Students must be able to view all evaluation forms that were created for this course.	UN, US	P	SP, PD, LX	studentGetFormList.test.js
Students must be able to view all groups that were created for this course.			SP, PD, LX	
Students must be able to view all assignments that were created for this course.	UN, US	P	SP, PD, LX	getAssignmnetList.test.js
Students must be able to find a navigation bar to search students by student name or ID on the page.	S, US	P	SP, PD, LX	
Students must be able to view all other group members that are enrolled in their own groups.	UN	P	SP, PD, LX	getGroupStudentList.test.js
3 - Evaluation Form			SP, PD, LX	
Students must be able to view all the questions and their options in the evaluation form.	I, S, UN	P	SP, PD, LX	studentGetForm.test.js

Students must be able to find the evaluation feedback submitted by other group members.	UN, US	P	SP, PD, LX	viewEvaluationFeedback.test.js
Students must be able to view the grade from one evaluator.	UN, US	P	SP, PD, LX	studentGetIndividualGrade.test.js
Students must be able to view the grade from multiple evaluators.	UN, US	P	SP, PD, LX	studentGetOverallGrade.test.js
Students must be able to submit evaluations.	UN, US	P	SP, PD, LX	submitGroupEvaluation.test.js
4 - Assignment			SP, PD, LX	
Students must be able to view the assignment and assignment rubric created for this course.	UN, US	P	SP, PD, LX	getAssignment.test.js
Students must be able to view a list that provides the information about which group members have assessed and which group members have not.	UN, US	P	SP, PD, LX	getAssessmentStatus.test.js
Students must be able to submit their assignment as a link.	I, US		SP, PD, LX	submitAssignment.test.js
Students must be able to view their own assignment submissions.	I, US		SP, PD, LX	getSubmissionLink.test.js
Students must be able to assess assignments for other random students in this course.	UN, US	P	SP, PD, LX	submitAssessment.test.js
Students must be able to view the grade on their assignment from multiple evaluators.	US		SP, PD, LX	
Functional Requirements: Super Admin			SP, PD, LX	

The system must provide a list of all instructors that have registered into the system.	UN, US		SP, PD, LX	getAllInstructors.test.js
The system must provide a user registration feature that allows super admins to create an account.	UN, US		SP, PD, LX	registerSuperAdmin.test.js
Super Admins must be able to give and remove instructors' access permission.	UN, US		SP, PD, LX	updateInstructor.test.js
Non-Functional Requirements:			SP, PD, LX	
1 - Security			SP, PD, LX	
The system needs to authenticate user accounts by verifying the correct username and password, ensuring secure access and authorization to the platform.	UN, US	P	SP, PD, LX	authenticateStudentService.test.js
The application should require users to create a strong password (with a minimum length of 12 characters, but preferably 14 or more), consisting of a combination of uppercase letters, lowercase letters, numbers, and symbols, before their account is created.	US	P	SP, PD, LX	
The system should send a verification code that will expire in 3 minutes, when users forget their password and want to reset them.	UN, US	P	SP, PD, LX	resetPassword.test.js
2 - Compatibility			SP, PD, LX	

The system should be designed to run smoothly on computers and tablets, taking into consideration the varying display screen sizes. This ensures that the user interface (UI) provides an optimal experience and usability regardless of the device being used.	O, US	P	SP, PD, LX	
While the system should be responsive and adaptable to different screen sizes, it is not necessary to specifically optimize it for mobile devices such as cell phones. The focus should be on delivering a seamless experience on computers and tablets.	US	P	SP, PD, LX	
3 - Localization			SP, PD, LX	
The deadline for assignments should be determined based on the time zone set by the instructor.	S, A	P	SP, PD, LX	
4 - Usability			SP, PD, LX	
Users must easily understand the meaning of icons, enabling them to intuitively interpret actions associated with them, such as, inferring that tapping a button with a picture of a magnifying	O	P	SP, PD, LX	