Test Cases for Posit Cloud project

Version	v1.0
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Test Case ID	TC0001
Test Case Name	Sign Up: Cloud Free plan, Email
Description	Test that the user can successfully sign up using an email
Preconditions	
Test Steps	* Open browser and go to https://posit.cloud/ * Click "Sign Up" on the upper right of the page * Click "Learn more" under "Cloud Free" plan * Click "Sign Up" * Enter a valid email account * Enter a valid password * Enter First Name * Enter Last Name * Click "Sign Up" * Go to your email and click on the link * Return to sign-up page and click "Continue"
Expected Result	The user is directed to the dashboard
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword] First name: Joe Last name: Smith
Environment	Chrome Version 133.0.6943.142
Remarks	We can create a matrix and run this test for the other sign up methods (Google, GitHub, Clever). Given that we only have 15 minutes, these

	additional test cases can probably have Medium priority and can be executed if time permits

Test Case ID	TC0002
Test Case Name	Sign Up using an existing user email
Description	Test that an error is displayed when the user already exists
Preconditions	The user already exists
Test Steps	* Open browser and go to https://posit.cloud/ * Click "Sign Up" on the upper right of the page * Click "Learn more" under "Cloud Free" plan * Click "Sign Up" * Enter a valid email account * Enter a valid password * Enter the First Name * Enter the Last Name * Click "Sign Up"
Expected Result	An error message that reads "Sign Up failed - this email was used previously to create an account. Please log in instead" is displayed
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword] First name: Joe Last name: Smith
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0003
Test Case Name	Login functionality with valid credentials
Description	Test that the user can successfully log in with valid credentials
Preconditions	The user is registered

Test Steps	* Open browser and go to https://posit.cloud/ * Click "Log In" on the upper right of the page * Enter the login credentials
Expected Result	User directed to the dashboard
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	We can create a matrix and run this test for the other log in methods (Google, Github, Clever). Given that we only have 15 minutes, these additional test cases can probably be assigned Medium priority and can be executed if time permits

Test Case ID	TC0004
Test Case Name	Login functionality with invalid credentials
Description	Test that an error is displayed when the wrong credentials are used
Preconditions	The user is registered
Test Steps	* Open browser and go to https://posit.cloud/ * Click "Log In" on the upper right of the page * Enter incorrect login credentials
Expected Result	An error message that reads "Login failed - please verify that your email and password are correct" is displayed
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [wrong_password]
Environment	Chrome Version 133.0.6943.142

Remarks	None

Test Case ID	TC0005
Test Case Name	Go to Workspace
Description	Test that the user can successfully navigate to their workspace
Preconditions	The user is successfully logged in
Test Steps	* Click "Your Workspace" in the navigation sidebar on the left side of the window * If the sidebar is hidden, click the "Open Navigation Sidebar" icon on the upper-left side of the page
Expected Result	User is taken to their workspace and displays the content of their "Your Content" section of their "Content" tab
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0006
Test Case Name	Create New Project from Template in Your Workspace
Description	Test that the user can successfully create a New Project from Template
Preconditions	The user is in "Your Workspace" (See testcase TC0005)
Test Steps	* On the upper-right hand side of the page, click "New Project > New Project from Template" * Select the desired template from the list of available templates.

Test Case ID	TC0006
	* Rename the project by clicking "Untitled Project" in the header
Expected Result	After a brief moment, the project is created, and the RStudio IDE appears
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0007
Test Case Name	Create New RStudio Project in Your Workspace
Description	Test that the user can successfully create a New RStudio Project
Preconditions	The user is in "Your Workspace" (See testcase TC0005)
Test Steps	* On the upper-right hand side of the page, click "New Project > New RStudio Project" * Rename the project by clicking "Untitled Project" in the header
Expected Result	After a brief moment, the project is created, and the RStudio IDE appears
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0008
Test Case Name	Create New Jupyter Project in Your Workspace
Description	Test that a pop message appears when Cloud Free or Cloud Students user accounts try to create a New Jupyter Project
Preconditions	The user is in "Your Workspace" (See testcase TC0005)
Test Steps	* On the upper-right hand side of the page, click "New Project > New Jupyter Project"
Expected Result	A pop message appears explaining that Jupyter is still in beta and is not available for Cloud Free or Cloud Students accounts. That message should inform user that they can upgrade to create Jupyter project
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	Use an upgraded account to create Jupyter Projects

Test Case ID	TC0009
Test Case Name	Create New Project from Git Repository in Your Workspace
Description	Test that the user can successfully create a New Project from Git Repository
Preconditions	The user is in "Your Workspace" (See testcase TC0005). The project exists in Git and is accessible.
Test Steps	* On the upper-right hand side of the page, click "New Project > New Project from Git Repository" * Select a Project type (e.g. RStudio)

Test Case ID	TC0009
	* Enter Git Repository URL
Expected Result	After a brief moment, the project is created, and the RStudio IDE appears
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0010
Test Case Name	Filter Workspace Content By Access
Description	Test that the Workspace Content reflects the filter access type selected by the user
Preconditions	The user is in "Your Workspace" (See testcase TC0005). The user has some projects that are "Private" and some that are accessible by "All Posit Cloud Users"
Test Steps	* Click Access > Private * Workspace content will only display projects with "Private" access. "Your Content" header will reflect the correct number of projects with this access * Click Access > All Posit Cloud Users * Workspace content will only display projects with " All Posit Cloud Users" access. "Your Content" header will reflect the correct number of projects with this access * Click Access > All Access Levels * Workspace content will display all projects. "Your Content" header will reflect the count of all projects (Private + All Posit Cloud Users)
Expected Result	Workspace content displays projects based on the selected filter access.

Test Case ID	TC0010
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0011
Test Case Name	Sort Workspace Content
Description	Test that Workspace Contents are sorted by name or by creation date
Preconditions	The user is in "Your Workspace" (See testcase TC0005). The user has multiple projects created
Test Steps	* Click Sort > Name * Workspace content is sorted in alphabetical order * Click Sort > Created Date * Workspace content is sorted by creation date, with newest on top
Expected Result	Workspace content displays projects sorted by name or by creation date
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0012
Test Case Name	Search Workspace Content
Description	Test that the search function can be used to find desired project(s)
Preconditions	The user is in "Your Workspace" (See testcase TC0005). The user has multiple projects created
Test Steps	* Type partial search strings that would match project names * Workspace content will show only projects with names matching the search string entered, and display "n result for [your search string]" * Type search strings that would not match any of the project names * No Content will be returned, and "0 results for [your search string]" will be displayed.
Expected Result	Workspace content displays projects that match the search strings
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0013
Test Case Name	Access an Existing Project
Description	Test that the user can return and access a previously created project
Preconditions	The user is logged in. A project (NewRStudioProject in this case) was previously created
Test Steps	* Click "Your Workspace" using the navigation sidebar on the left side of the window * Click "NewRStudioProject" listed in the Content

	tab
Expected Result	After a brief moment, the project is loaded, and the RStudio IDE appears
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0014
Test Case Name	Copy a Project
Description	Test that a project can be copied
Preconditions	The user is in "Your Workspace" (See testcase TC0005). The project "NewRStudioProject" was previously created (See testcase TC0007).
Test Steps	* Click the "Copy" icon to the right of "NewRStudioProject" * Click OK
Expected Result	After a brief moment, the project is copied, and the RStudio IDE appears
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0015

Test Case Name	Move to Trash (a Project)
Description	Test that a project can be moved to trash
Preconditions	The user is in "Your Workspace" (See testcase TC0005). The project "NewRStudioProject" was previously created (See testcase TC0007)
Test Steps	* Click the "Move to trash" icon to the right of "NewRStudioProject" * In the sidebar, click "Trash"
Expected Result	The project is moved from "Your Content" to "Trash"
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0016
Test Case Name	Export a Project
Description	Test that a project can be exported
Preconditions	The user is in "Your Workspace" (See testcase TC0005). The project "NewRStudioProject" was previously created (See testcase TC0007).
Test Steps	* Click the "Export" icon to the right of "NewRStudioProject" * A dialog window appears showing project being exported * Once the export is complete, click "Download" * Go to your download folder on you local machine
Expected Result	A zip file of the project is in the download folder
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)

Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0017
Test Case Name	Share a Link to a Public Project (Can be Viewed by Everyone)
Description	Test that a link to a project can be shared
Preconditions	The user is in "Your Workspace" (See testcase TC0005). The project "NewRStudioProject" was previously created (See testcase TC0007). The project should have "All Posit Cloud Users" access
Test Steps	* To the right of "NewRStudioProject," click the "..." icon and then "Share Link" * Enter an email address and an optional message * Click "Send" * Go to your email and click the link
Expected Result	The user is taken to the project
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0018
Test Case Name	Share a Link to a Private Project
Description	Test that a link cannot be shared for a private

	project
Preconditions	The user is in "Your Workspace" (See testcase TC0005). The project "NewRStudioProject" was previously created (See testcase TC0007). The project should have "Private" access
Test Steps	* To the right of "NewRStudioProject," click the "..." icon and then "Share Link"
Expected Result	A dialog box opens stating that the project is private. To allow the link to be shared, change the project's access so that everyone can view the content
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0019
Test Case Name	Archive a Project
Description	Verify that a project can be archived
Preconditions	The user is in "Your Workspace" (See testcase TC0005). The project "NewRStudioProject" was previously created (See testcase TC0007).
Test Steps	* To the right of "NewRStudioProject," click the "..." icon and then "Move to Archive" * In the sidebar, click "Archive"
Expected Result	The project is moved from "Your Content" to "Archive"
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High

Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0020
Test Case Name	Project Settings
Description	Verify that the settings for a project can be viewed and/or modified
Preconditions	The user is in "Your Workspace" (See testcase TC0005). The project "NewRStudioProject" was previously created (See testcase TC0007).
Test Steps	* To the right of "NewRStudioProject," click the "..." icon and then "Settings" * A window opens showing information (such as project type, author, etc) and access settings for the project * Click on the name of the project or description to edit the information. Those changes will be reflected on the main workspace list * Click on the "Access" tab * Change the access to another access type * The new access type will be reflected on the main workspace list
Expected Result	A window opens that allows the user to view and edit settings for the project
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0021

Test Case Name	Restore an Archived Project
Description	Verify that an archived project can be restored
Preconditions	The user is in "Your Workspace" (See testcase TC0005). Project "NewRStudioProject" was archived (See testcase TC0019).
Test Steps	* In the sidebar, click "Archive" * Click the "Restore" icon to the right of "NewRStudioProject"
Expected Result	The project is moved from "Archive" back to "Your Content"
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0022
Test Case Name	Delete an Archived Project
Description	Verify that an archived project can be deleted
Preconditions	The user is in "Your Workspace" (See testcase TC0005). Project "NewRStudioProject" was archived (See testcase TC0019).
Test Steps	* In the sidebar, click "Archive" * Click the "Move to Trash" icon to the right of "NewRStudioProject"
Expected Result	The project is moved from "Archive" to "Trash"
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High

Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0023
Test Case Name	Restore a Deleted Project
Description	Verify that a deleted project can be restored
Preconditions	The user is in "Your Workspace" (See testcase TC0005). Project "NewRStudioProject" was deleted (See testcase TC0015).
Test Steps	* In the sidebar, click "Trash" * Click the "Restore" icon to the right of "NewRStudioProject"
Expected Result	The project is moved from "Trash" back to "Your Content"
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0024
Test Case Name	Archive a Deleted Project
Description	Verify that a deleted project can be archived
Preconditions	The user is in "Your Workspace" (See testcase TC0005). Project "NewRStudioProject" was deleted (See testcase TC0015).
Test Steps	* In the sidebar, click "Trash" * Click the "Move to Archive" icon to the right of

Test Case ID	TC0024
Test Case Name	Archive a Deleted Project
	"NewRStudioProject"
Expected Result	The project is moved from "Trash" to "Archive"
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0025
Test Case Name	Empty Trash
Description	Verify that when the trash is emptied, all projects in trash will be deleted
Preconditions	The user is in "Your Workspace" (See testcase TC0005). One or more projects exist in the Trash folder
Test Steps	* In the sidebar, click "Trash" * Click the "Empty Trash" icon in the top right * A dialog box appears. Click OK
Expected Result	Project(s) deleted, and trash folder is empty
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	Chrome Version 133.0.6943.142
Remarks	None

Test Case ID	TC0026
Test Case Name	Responsive Design
Description	Verify that elements like navigation bars, images, and buttons adjust correctly when the browser is resized or when viewed on different screen sizes (tablet, smartphone, desktop)
Preconditions	None
Test Steps	* Log in to https://posit.cloud/ * Navigate to different pages * Use application features
Expected Result	Elements like navigation bars, images, and buttons adjust correctly based on screen size
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)
Priority	Medium-High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	
Remarks	None

Test Case ID	TC0027
Test Case Name	Browser Compatibility
Description	Verify that the application works on different browsers (Chrome, Firefox, Safari, Edge, Opera).
Preconditions	None
Test Steps	* Log in to https://posit.cloud/ * Navigate to different pages * Use application features
Expected Result	No major UI or functional issues when using different browsers
Actual Result	(To be filled after execution)
Pass/Fail	(To be filled after execution)

Test Case ID	TC0027
Test Case Name	Browser Compatibility
Priority	Medium-High
Test Data	email: [testuser@test.com] password: [testpassword]
Environment	
Remarks	None