

# Test Plan for Posit Cloud project

Test Plan ID	TP-Posit-01
Test Plan Version	v1.0
Test Plan Author	Erwin Samaniego
Test Plan Approval	<ul style="list-style-type: none"><li>• Posit Cloud team</li><li>• Shalu Tiwari</li></ul>

## 1.Introduction

Posit Cloud, <https://posit.cloud>, is a platform that provides a collaborative environment for data science and analytics. It allows users to create, share, and run R and Python projects without the need to install anything locally.

This test plan outlines the approach for testing the Posit Cloud project.

## 2.Scope

- **In-Scope:** User registration, login, Workspace functionality, Project functionality
- **Out of Scope:** RStudio IDE within the project interface, third-party authentication services, performance testing, security testing

## 3.Objective and Goals

The objective is to manually test the user interface in 15 minutes and to write automated tests identified by the Posit Cloud team.

## 4.Test Environment

Software: Chrome, Selenium

## **5. Test Deliverables**

- Test Plan (this document)
- Test Cases (TestCases.pdf)
- Automated tests
- Test Results
- Bug Report

## **6. Resources and Responsibilities**

Testers: Erwin Samaniego

Developers:

Project Manager:

## **7. Test Schedule**

Start Date: TBD

End Date: 15 minutes after the start time

## **8. Risks and Mitigations**

The time factor significantly limits what can be tested. Trade-offs are being made between comprehensive testing and time constraints. Testing will focus on critical features first, such as the most-used functionality.

## **9. Entry and Exit Criteria**

Entry Criteria: Test environment setup is complete, the test plan is approved, and all test cases are reviewed.

Exit Criteria: All critical bugs are resolved, and 95% of test cases pass

## **10. Test Case Management**

Test cases are written and managed using Google Docs

## 11. Sign-off

Approved and signed by:

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Shalu Tiwari

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Posit Cloud Team