Test Plan for Posit Cloud project

Test Plan ID	TP-Posit-01
Test Plan Version	v1.0
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Test Plan Approval	● Posit Cloud team ● Shalu Tiwari

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, different account types/plans, 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   Posit Cloud Team