

Software Test Description For Trello Website

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Trello website - Automation Testing

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1. Introduction

This document provides a comprehensive outline of the test scenarios and cases derived from the Trello website's test plan. It serves as a guide for validating the functional and non-functional aspects of the website to ensure a high-quality user experience.

1.1. Document Overview

- **Reference:** Software Test Plan (STP#13)
- **Objective:** To conduct a structured series of functional and non-functional tests that validate features, and ensure robustness.
- **Scope:** This document covers functional and non-functional testing, including login, job post management, search functionality, Localization and Globalization, Performance, End to End.

1.2. Glossary

- **Test Strategy:** The overall approach or methodology for testing the Trello website, including the types of testing to be performed and the prioritization of test activities.
- **Test Scope:** The boundaries and limitations of testing, defining what aspects and functionalities of the Trello website will be tested and what will not be tested.
- **Test Environment:** The configuration of hardware, software, and network settings used for testing the Trello website, including development, staging, and production environments.
- **Test Cases:** Detailed instructions specifying the steps to be taken, the inputs to be used, and the expected results for testing specific functionalities or scenarios of the Trello website.

- **Test Data:** The inputs, parameters, and datasets used for executing test cases and scenarios on the Trello website to simulate various user interactions and scenarios.
- **Test Execution:** The process of running test cases and scenarios on the Trello website, recording test results, and verifying expected outcomes against actual outcomes.
- **Defect:** An error, flaw, or deviation in the functionality or performance of the Trello website that deviates from expected behavior and negatively impacts user experience.
- **Severity:** The degree of impact or seriousness of a defect on the Trello website, ranging from critical (severe impact) to minor (minimal impact) based on its effect on functionality or usability.
- **Priority:** The level of importance or urgency assigned to a defect in the Trello website, determining the order in which it should be addressed and fixed, typically categorized as high, medium, or low.
- **Test Reporting:** The generation and dissemination of reports summarizing the results, findings, and status of testing activities performed on the Trello website, including test execution metrics and defect metrics.
- **Enter Criteria:** The conditions or criteria that must be met to determine when testing of the Trello website can start.
- **Exit Criteria:** The conditions or criteria that must be met to determine when testing of the Trello website is complete and ready for release, such as achieving a certain level of test coverage and resolving critical defects.
- **Risk Assessment:** The evaluation of potential risks and uncertainties associated with testing the Trello website, including technical, schedule, and resource-related risks, and the development of mitigation strategies.
- **User Acceptance Testing (UAT):** The testing performed by end-users or stakeholders of the Trello website to validate its functionality, usability, and adherence to business requirements before final deployment.

2. Test Preparations

This section outlines the necessary preparations, setting the stage for a successful testing phase.

2.1. Hardware and Environment Setup

- **Client Device:** A PC with mac OS Build 22631.3085 installed.

2.2. Software and Data Preparation

- **Test Accounts:** Set up various user accounts on noctua sky Website.
- **Data Requirements:** Collect test data for various scenarios, including product information, user details and experience reviews.
- **Software Requirements:**
- Install and setup the following browser on the PC:
 - Firefox Version V 122.0
 - Google Chrome Version 121.0.6167.140

3. Test scenarios

Test scenarios are stored on the TestRail website, where we input all tests that need to be conducted using Selenium in Python. Additionally, we include the steps for each test.

example:

C1 Change Description of a Card in Trello

← → 🔄 Edit

Test Cases

Successfully added the new test case. [Add another](#)

Type	Priority	Assigned To	Estimate
Functional	Medium	Me	None
References	Automation Type		
None	None		

Preconditions

- User must be logged in to Trello.
- User must have access to the specific Trello board where the card exists.
- The card whose description will be changed should already exist on the Trello board.
- The user should have necessary permissions to edit cards on the Trello board.

Steps

1	Navigate to Trello Board	The Trello board page loads successfully with all the necessary cards displayed.
2	Locate the Target Card	The target card is visible among the other cards on the board.
3	Open the Card	Clicking on the target card opens it, displaying its details
4	Verify Current Description	The current description of the card is visible and matches the expected text.
5	Click on 'Edit Description'	The interface for editing the card's description is displayed.
6	Clear Existing Description	Any existing description text is removed or cleared from the description field.
7	Enter New Description	The tester can input the new description text into the description field.

In section Test Cases.

Details

Tests & Results

Defects

History

People & Status

Assigned to **Me** [Change](#)

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