Test Case Document for Trello

Version 1.0 Approved

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For

QA Internship

Date: May 26, 2025

Contents

1 Introduction

This Test Case Document outlines the test cases designed to validate the functionality and usability of the Trello project management platform for the QA Internship. The document focuses on testing ten core features identified in the Project Requirement Document (PRD), ensuring that each feature meets its functional expec- tations and provides a reliable user experience. The test cases cover both positive and negative scenarios to verify feature robustness under various conditions. The Status col- umn reflects pending execution, to be updated post-testing on May 25–26, 2025.

1.1 Document Overview

This document provides detailed test cases for the following Trello features:

- Board Creation and Management

- Lists and Cards

- Drag-and-Drop Functionality

- Labels and Tags

- Due Dates and Checklists

- Team Collaboration

- Notifications and Activity Logs

- Power-Ups (Integrations)

- Templates

- Mobile and Cross-Platform Support

Each feature is tested with 2–3 test cases, including positive, negative, and edge-case scenarios, to ensure comprehensive validation. The test cases are structured to include Test Case ID, Test Scenario, Test Steps, Test Data, Expected Result, and Status.

1.2 Document Metadata

- **Document Title:** Trello Platform Test Case Document

- **Platform Analyzed:** Trello (latest stable version as of May 2025)

- **Prepared For:** QA Internship

- **Prepared By:** Akid Mahmud

- **Date of Submission:** May 26, 2025

- **Document Version:** 1.0

- **Document Type:** Test Case Document

1.3   Stakeholders

This document is intended for the following stakeholders:

- **QA Team:** To execute and validate test cases.

- **Developers:** To understand expected feature behavior and address defects.

- **Product Managers:** To ensure testing aligns with user requirements.

2   Test Case Objectives

The objectives of these test cases are:

- To verify that each feature functions as described in the PRD.

- To ensure Trello provides a seamless and intuitive user experience across platforms.

- To validate feature behavior under positive, negative, and edge-case scenarios.

- To identify defects that could impact user productivity or platform reliability.

3   Test Case Structure

Each test case follows the standard structure:

- **Test Case ID**: Unique identifier for the test case.

- **Test Scenario**: Brief description of the test objective.

- **Test Steps**: Step-by-step instructions to execute the test.

- **Test Data**: Input data used for the test.

- **Expected Result**: Expected outcome based on the PRD acceptance criteria. "

- **Status**: Pass for automated test cases (e.g., TC-001, TC-004); Pending for all others awaiting execution on May 25–26, 2025."

4   Test Cases

4.1   Board Creation and Management

Module Name: Board Management
Test Priority: High
Test Description: Test the functionality that allows users to create, rename, archive, and delete boards.

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Result	Status
TC-001	Create a new board	1. Log in to Trello. 2. Click "Create new board" on the dashboard. 3. Enter board name. 4. Click "Create".	Board Name: "Automated Board"	Board is created and appears on the dashboard within 2 seconds.	Pass
TC-002	Create board without permissions	1. Log in with a read-only account. 2. Attempt to click "Create new board". 3. Enter board name and click "Create".	Board Name: "Test Board"	Error message: "Insufficient permissions."	Pending
TC-003	Archive a board	1. Log in to Trello. 2. Open an existing board. 3. Click "More" in the menu. 4. Select "Archive Board".	Board Name: "Old Project"	Board is archived and removed from the active dashboard within 2 seconds.	Pending

4.2 Lists and Cards

Module Name: Lists and Cards Management
Test Priority: High
Test Description: Test the functionality to add, edit, move, and delete lists and cards.

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Result	Status
TC-004	Add a new card to a list	1. Log in to Trello. 2. Open a board. 3. Select a list (e.g., "To Do"). 4. Click "Add a card". 5. Enter card title and click "Add Card".	Card Title: "Write Blog Post"	Card is added to the list and visible within 1 second.	Pass
TC-005	Add card with excessive text	1. Log in to Trello. 2. Open a board and select a list. 3. Click "Add a card". 4. Enter a very long title. 5. Click "Add Card".	Card Title: [5000-character string]	Warning: "Title exceeds character limit." or card is added without truncation.	Pending

| TC-006 | Delete a card | 1. Log in to Trello. 2. Open a board and select a list. 3. Open a card. 4. Click "Archive" or "Delete". | Card: "Test Card" | Card is removed from the list and no longer visible on the board. | Pending |

4.3 Drag-and-Drop Functionality

Module Name: Drag-and-Drop
Test Priority: High
Test Description: Test the ability to move cards between lists or reorder within a list.

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Result	Status
TC-007	Move card between lists	1. Log in to Trello. 2. Open a board with multiple lists. 3. Drag a card from "To Do" to "In Progress". 4. Release the card.	Card: "Task 1", Lists: "To Do", "In Progress"	Card moves to "In Progress" within 1 second and position persists after page reload.	Pending
TC-008	Drag card during network interruption	1. Log in to Trello. 2. Open a board. 3. Disconnect network. 4. Attempt to drag a card to another list. 5. Reconnect network.	Card: "Task 2", Lists: "To Do", "Done"	Card remains in original position; changes sync correctly after reconnection.	Pending

4.4 Labels and Tags

Module Name: Labels Management
Test Priority: High
Test Description: Test the ability to assign, edit, and filter labels on cards.

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Result	Status
TC-009	Assign a label to a card	1. Log in to Trello. 2. Open a board and select a card. 3. Click "Labels". 4. Select a color and label name. 5. Save.	Label: "High Priority" (Red)	Label is applied to the card and visible on the board within 1 second.	Pending

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Result	Status
TC-010	Filter by invalid label	1. Log in to Trello. 2. Open a board. 3. Click the filter icon. 4. Search for a non-existent label.	Label: "NonExistent"	No cards are displayed with message: "No cards found."	Pending
TC-011	Remove a label from a card	1. Log in to Trello. 2. Open a board and select a card with a label. 3. Click "Labels". 4. Remove the label and save.	Label: "High Priority"	Label is removed from the card and no longer visible on the board.	Pending

4.5   Due Dates and Checklists

Module Name: Due Dates and Checklists
Test Priority: High
Test Description: Test the functionality to set due dates and manage checklists within cards.

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Result	Status
TC-012	Set a due date	1. Log in to Trello. 2. Open a card. 3. Click "Due Date". 4. Select a future date and save.	Due Date: "2025-06-01"	Due date is saved and visible on the card; reminder is scheduled 24 hours prior.	Pending
TC-013	Set a past due date	1. Log in to Trello. 2. Open a card. 3. Click "Due Date". 4. Select a past date and save.	Due Date: "2025-05-01"	Warning: "Date is in the past." is displayed.	Pending
TC-014	Add checklist item	1. Log in to Trello. 2. Open a card. 3. Click "Checklist". 4. Add an item and save.	Item: "Book venue"	Checklist item is added and visible on the card within 1 second.	Pending

4.6   Team Collaboration

Module Name: Collaboration
Test Priority: High
Test Description: Test the ability to invite users, assign cards, and collaborate via comments and attachments.

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Result	Status
TC-015	Invite user to board	1. Log in to Trello. 2. Open a board. 3. Click "Invite". 4. Enter a valid email and send.	Email: "test@trello.com"	User receives an invitation email; name appears in the board members list within 3 seconds.	Pending
TC-016	Invite with invalid email	1. Log in to Trello. 2. Open a board. 3. Click "Invite". 4. Enter an invalid email and send.	Email: "invalid$_e mail$"	Error message: "Invalid email address."	Pending

4.7 Notifications and Activity Logs

Module Name: Notifications
Test Priority: High
Test Description: Test the functionality of notifications and activity logs for card updates.

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Result	Status
TC-017	Receive notification for card update	1. Log in to Trello. 2. Open a board. 3. Move a card to another list.	Card: "Task 1", List: "Done"	Notification is received within 5 seconds indicating the card was moved.	Pending
TC-018	Disable notifications	1. Log in to Trello. 2. Go to user settings. 3. Disable all notifications. 4. Move a card.	Card: "Task 2"	No notification is received after the card is moved.	Pending

4.8 Power-Ups (Integrations)

Module Name: Power-Ups
Test Priority: High
Test Description: Test the ability to enable and use third-party integrations.

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Result	Status

TC-019	Enable Google Drive Power-Up	1. Log in to Trello. 2. Open a board. 3. Click "Power-Ups". 4. Enable Google Drive. 5. Authenticate with Google.	Google Account: "test@gmail.com"	Power-Up is enabled; files can be attached from Google Drive within 3 seconds.	Pending
TC-020	Enable Power-Up without authentication	1. Log in to Trello. 2. Open a board. 3. Click "Power-Ups". 4. Enable Google Drive without logging in.	None	Error message: "Authentication required."	Pending
TC-021	Attach file via Power-Up	1. Log in to Trello. 2. Open a board with Google Drive Power-Up enabled. 3. Open a card. 4. Attach a file from Google Drive.	File: "document.pdf"	File is attached to the card and accessible within 3 seconds.	Pending

4.9   Templates

Module Name: Templates
Test Priority: High
Test Description: Test the ability to create and apply board/card templates.

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Result	Status
TC-022	Create board from template	1. Log in to Trello. 2. Click "Create new board". 3. Select a template (e.g., "Project Management"). 4. Click "Create".	Template: "Project Management"	Board is created with predefined lists and cards from the template within 2 seconds.	Pending
TC-023	Apply template with missing fields	1. Log in to Trello. 2. Create a custom template with missing list names. 3. Use the template to create a board.	Template: [Custom with empty list names]	Board is created with default or empty lists; prompt: "Template incomplete, proceed anyway?"	Pending

| TC-024 | Create a custom template | 1. Log in to Trello. 2. Open a board. 3. Click "Create Template". 4. Define lists and cards. 5. Save as template. | Template Name: "Custom Workflow" | Template is saved and available for reuse in the template gallery. | Pending |

4.10   Mobile and Cross-Platform Support

Module Name: Cross-Platform
Test Priority: High
Test Description: Test Trello's functionality across web, desktop, and mobile platforms.

Test Case ID	Test Scenario	Test Steps	Test Data	Expected Result	Status
TC-025	Access board on mobile app	1. Install Trello mobile app. 2. Log in to Trello. 3. Open a board. 4. Verify board content.	Board: "Marketing Campaign", Device: iPhone 14	Board displays correctly with all lists and cards synced across platforms.	Pending
TC-026	Access board offline	1. Open Trello mobile app. 2. Log in and open a board. 3. Disconnect network. 4. Verify board content.	Board: "Test Board"	Cached board displays correctly; changes sync after reconnection.	Pending

5   References

1. https: //katalon.com/resources-center/blog/test-case-template-examples

2. https://www.browserstack.com/guide/test-case-templates

5   References