

Test Summary Report

★ Purpose of the document

This document explains the various activities performed as part of the Testing of the Trello application.

★ Application Overview

Trello is a web-based, Kanban-style, list-making application and is a subsidiary of Atlassian. Originally created by Fog Creek Software in 2011, it was spun out to form the basis of a separate company in 2014 and later sold to Atlassian in January 2017. The company is based in New York City.

★ Testing Scope

- (i) In-Scope: Functional and Integration Testing for this application was done.
- (ii) Out of Scope: Performance Testing was done for this application.

★ Metrics

1. Testing Add a Card feature(web):

	Number of Test Cases	Test Cases Pass	Test Cases Failed
Verifying the functionality of Members	4	4	0
Verifying the functionality of Labels	10	10	0
Verifying the functionality of Checklist	4	4	0
Verifying the functionality of Dates	12	12	0

Verifying the functionality of Attachment	16	16	0
Verify the functionality of Cover	12	12	0

2. Testing List Action feature(web):

	Number of Test Cases	Test Cases Pass	Test Cases Failed
Verifying the functionality of List Action Pop-Up	<u>5</u>	<u>5</u>	<u>0</u>
Verifying the functionality of Add card page	<u>11</u>	<u>10</u>	<u>1</u>
Verifying the functionality of the Copy list	<u>14</u>	<u>13</u>	<u>1</u>
Verifying the functionality of the Move list	<u>11</u>	<u>11</u>	<u>0</u>
Verifying the functionality of the Watch button	<u>3</u>	<u>3</u>	<u>0</u>

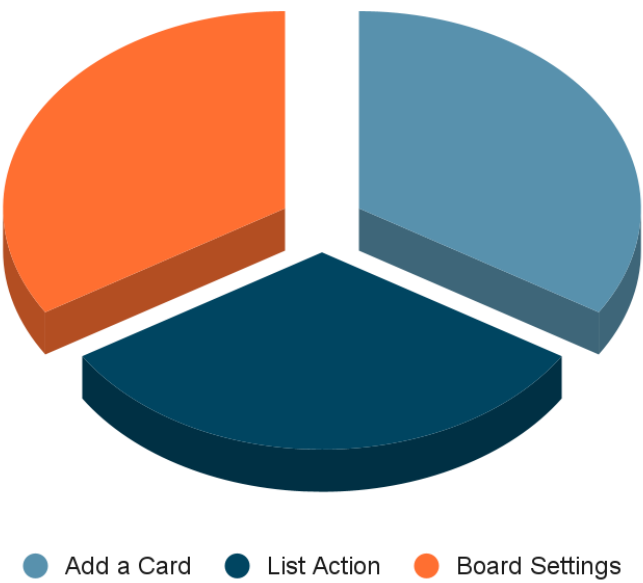
3. Testing Board Setting feature(mobile):

	Number of Test Cases	Test Cases Pass	Test Cases Failed
Verifying the functionality of Board settings	3	3	0
Verifying the functionality of the Board name popup	9	9	0

Verifying the functionality of the Workspace	5	5	0
Verifying the functionality of the Edit labels	15	15	0
Verifying the functionality of Create New Label	12	12	0
Verifying the functionality of the Background	4	4	0
Verifying the functionality of the Colors page	4	4	0
Verifying the functionality of the Photos page	14	14	0
Verifying the functionality of Upload background from the popup	6	6	0
Verifying the functionality of the Leave board	1	1	0
Verifying the functionality of the Visibility	9	9	0
Verifying the functionality of the Commenting	8	8	0
Verifying the functionality of the Let members add others	3	3	0
Verifying the functionality of the Self-join	3	3	0

Verifying the functionality of the Enable card cover images	3	3	0
Verifying the functionality of the Available offline	4	4	0
Verifying the functionality of the Close board	2	2	0

Overall Test Pass Percent



★ Type of Testing Performed

1. System Integration Testing

- This is the Testing performed on the Application under test, to verify the entire application works as per the requirements.
- Critical Business scenarios were tested to make sure important functionality in the application works as intended without any errors.

2. Software Performance Testing

In software quality assurance, performance testing is in general a testing practice performed to determine how a system performs in terms of responsiveness and stability under a particular workload. It can also serve to investigate, measure, validate or verify other quality attributes of the system, such as scalability, reliability, and resource usage.

3. Compatibility testing

Compatibility testing is a part of non-functional testing conducted on application software to ensure the application's compatibility with the different computing environments.

Devices Used:

	Devices	Operating System
For Web Application	<ul style="list-style-type: none">➤ HP EliteBook➤ Lenovo ThinkPad	<ul style="list-style-type: none">• Ubuntu 20.04.3 LTS• Microsoft Windows 10
For Mobile Application	<ul style="list-style-type: none">➤ Honor 9 Lite➤ Vivo V7 Plus➤ Redmi Note 5 Pro➤ Poco F1➤ Redmi Note 9 Pro Max	<ul style="list-style-type: none">• Android 9• Android 8.1• Android 9• Android 10• Android 11

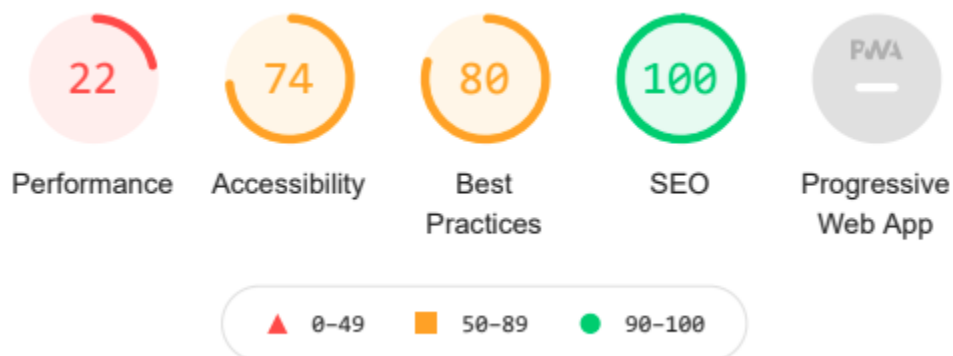
★ Test Environment

	Application URL	https://trello.com/
Mobile app version	Android	2020.10.1.14395-production /
Web app version	Web	V 2.12.3

★ Tools used

Features	Xmind
Test cases	Google sheets
Test ideas	Google sheets
Test report	Google documents and Google sheets
Browsers	Google Chrome and Mozilla Firefox

★ Performance of the Application



For the complete Lighthouse report, use the below URL.

URL: https://drive.google.com/drive/folders/14N_UvHJslZzfnik7_Q7rW1b92wkfrxP9

★ Exit Criteria

- All test cases should be executed – **Yes**.
- All defects in Critical, Major, Medium severity should be verified – **Yes**.

★ Conclusion

This report contains the manual test works we have performed on the Trello Application both on Mobile and Web applications. Initially, we explored the complete application by listing every features present using Xmind.

We have covered the features in web and mobile applications,

- (i) Add a card (web)
- (ii) List Action (web)
- (iii) Board Settings (mobile)

For all three features, we have manually executed both positive and negative test cases for the functional and integration part of the application, also the Exit criteria were met and satisfied.
