



Test Plan Design Report

Test Project: TM-QA08

Test Plan: TMQA08

Test Suite: Final project - Pinterest

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Test Suite : Final project - Pinterest

Test Suite : Functional

Test Suite : Account

Test Case TM-QA08-356: Create account

Summary:

Test that a user is able to create an account.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 4.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-516: Create another account with the same email

Summary:

Test that a user is unable to create a new account with a previously used email address.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 4.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-382: Edit profile

Summary:

Test that the user is able to update their profile with new information.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 5.00 |
| <u>Priority:</u> | Medium |

Test Suite : Login

Test Case TM-QA08-272: Login valid username+password

Summary:

Test that the user is able to login successfully with valid username and password

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 2.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-343: Login valid username+ invalid password

Summary:

Test that the user is not able to login using an invalid password.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 2.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-344: Login invalid username+ valid password

Summary:

Test that the user is not able to login with invalid username.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 2.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-345: Login invalid username+ invalid passwordSummary:

The user should not be able to login with invalid data.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 2.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-509: Login with no inputSummary:

Test that the user is unable to login with no input in the login fields.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 4.00 |
| <u>Priority:</u> | Medium |

Test Suite : Save pin**Test Case TM-QA08-279: Save picture**Summary:

Test that the application will save photos in a chosen board on your profile.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 5.00 |
| <u>Priority:</u> | Medium |

Test Suite : Picture download**Test Case TM-QA08-286: Download photo**Summary:

Test that the application allows you to download a picture to your computer.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 4.00 |
| <u>Priority:</u> | Medium |

Test Suite : Board**Test Case TM-QA08-287: Create board**Summary:

Test that the application allows you to create a new board.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 6.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-291: Delete boardSummary:

Test that the application allows you to delete a board.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 4.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-377: Edit boardSummary:

Test that the user is able to edit a certain board.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 6.00 |
| <u>Priority:</u> | Medium |

Test Suite : Follow**Test Case TM-QA08-351: Follow new account**Summary:

Test that the user is able to find a follow a certain account.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 7.00 |
| <u>Priority:</u> | Medium |

Test Suite : Inbox**Test Case TM-QA08-371: Write message**Summary:

Test that the user is able to write a message.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 5.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-552: Show notifications for new messagesSummary:

Test that the user receives notifications for new messages.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 6.00 |
| <u>Priority:</u> | Medium |

Test Suite : Notifications**Test Case TM-QA08-373: Show notifications while in mobile app**Summary:

Test that the user can see immediately if they get a notification.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 7.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-391: Show notifications on the websiteSummary:

Test that the notification appears while using the web application.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 7.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-374: Receive notifications by emailSummary:

Test that the user receives notifications by email whenever another user interacts with any of your content, sends you a message, etc.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 7.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-378: Receive push notificationsSummary:

Test that the user will get a push notification if another user has any activity with their saved pins

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 8.00 |
| <u>Priority:</u> | Medium |

Test Suite : Forms**Test Case TM-QA08-370: Autocomplete forms**Summary:

Test that the web application remembers the information that the user previously entered.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-379: Field validationSummary:

Test that the user is not able to fill in the wrong type of information in a certain field.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 4.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-381: Optional and mandatory fieldsSummary:

Test that the user is not able to leave a mandatory field empty.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 4.00 |
| <u>Priority:</u> | Medium |

Test Suite : Search

Test Case TM-QA08-365: Search bar-validSummary:

Test that the user is able to type a valid input in the search bar and get relevant results.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 3.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-367: Search-random string of charactersSummary:

Test that the application does not accept a random string of characters in the search bar.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 3.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-393: Search bar-emptySummary:

Test that the user is unable to continue the search when the field is empty.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 3.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-395: Min number of charactersSummary:

Test that the user is able to type 1 character in the search bar.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 3.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-396: Search bar with special charactersSummary:

The user should not be able to receive valid search results with special characters in the search field.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 3.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-397: Search bar with numbersSummary:

Test that the user is able to type numbers in the search bar.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 3.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-420: SuggestionsSummary:

Test that the application offers relevant suggestions when the user types something in the search field.

Execution type: Manual

Estimated exec. duration (min): 4.00

Priority: Medium

Test Case TM-QA08-611: Misspelled word recognition

Summary:

Test that the application recognises words that are misspelled and gives relevant search results and suggestions.

Execution type: Manual

Estimated exec. duration (min): 3.00

Priority: Medium

Test Suite : Share

Test Case TM-QA08-376: Share board

Summary:

Test that the user is able to share a certain board with another user.

Execution type: Manual

Estimated exec. duration (min): 6.00

Priority: Medium

Test Case TM-QA08-549: Share pin

Summary:

Test that the user is able to share a post with another user.

Execution type: Manual

Estimated exec. duration (min): 6.00

Priority: Medium

Test Suite : Upload

Test Case TM-QA08-392: Upload new picture- web application

Summary:

Test that the user is able to upload a picture from their computer.

Execution type: Manual

Estimated exec. duration (min): 10.00

Priority: Medium

Test Case TM-QA08-553: Upload new picture- mobile application

Summary:

Test that the user is able to upload a photo from their mobile phone.

Execution type: Manual

Estimated exec. duration (min): 9.00

Priority: Medium

Test Suite : Logout

Test Case TM-QA08-277: Logout

Summary:

Test that the logout functionality works as expected.

| | |
|------------------------|--------|
| <u>Execution type:</u> | Manual |
|------------------------|--------|

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|--|------|
| <u>Estimated exec. duration (min):</u> | 2.00 |
|--|------|

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|------------------|--------|
| <u>Priority:</u> | Medium |
|------------------|--------|

Test Suite : Smoke test**Test Case TM-QA08-551: End-to-end test : Log in -> Log out**Summary:

Test that the user is able to complete the log in - log out cycle.

| | |
|------------------------|--------|
| <u>Execution type:</u> | Manual |
|------------------------|--------|

| | |
|--|------|
| <u>Estimated exec. duration (min):</u> | 5.00 |
|--|------|

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|------------------|--------|
| <u>Priority:</u> | Medium |
|------------------|--------|

Test Suite : Non-functional

Test Suite : Responsive testing

| | |
|---|--------|
| Test Case TM-QA08-282: Responsive design test | |
| <u>Summary:</u> | |
| Test that the application is adaptable to width and height changes. | |
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 2.00 |
| <u>Priority:</u> | Medium |

Test Suite : Compatibility

Test Suite : OS

Test Suite : Windows 10

Test Suite : Browser

| | |
|---|--------|
| Test Case TM-QA08-348: Browser-Explorer | |
| <u>Summary:</u> | |
| Test that the application is compatible with Internet Explorer. | |
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 10.00 |
| <u>Priority:</u> | Medium |

| | |
|---|--------|
| Test Case TM-QA08-346: Browser-Chrome | |
| <u>Summary:</u> | |
| Test that the application is compatible with Google Chrome browser. | |
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 10.00 |
| <u>Priority:</u> | Medium |

| | |
|--|--------|
| Test Case TM-QA08-347: Browser-Edge | |
| <u>Summary:</u> | |
| Test that the application is compatible with Microsoft Edge browser. | |
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 10.00 |
| <u>Priority:</u> | Medium |

Test Suite : Android

| | |
|---|--|
| Test Case TM-QA08-511: Mobile browser-Chrome | |
| <u>Summary:</u> | |
| Test that the app is compatible with the Google Chrome browser on mobile. | |

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 5.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-512: Mobile browser-Internet SamsungSummary:

Test that the web app is compatible with the Internet Samsung browser.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 5.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-515: Mobile applicationSummary:

Test that the mobile app for Android works correctly.

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|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 6.00 |
| <u>Priority:</u> | Medium |

Test Suite : Security**Test Case TM-QA08-357: Email account validation**Summary:

Test that a new user receives an email to validate their account.

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|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 7.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-510: Password is hiddenSummary:

Test that the password remains hidden when it is typed during the log in process.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 3.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-612: Fake email addressSummary:

Test that a user is not able to create a new account using a fake email address.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | |
| <u>Priority:</u> | Medium |

Test Suite : Performance**Test Case TM-QA08-384: Lighthouse report**Summary:

Test that the web application's performance points are above limits.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 10.00 |
| <u>Priority:</u> | Medium |

Test Case TM-QA08-385: Response time - PostmanSummary:

Test that the response times in Postman are < 800 ms.

| | |
|--|--------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | 15.00 |
| <u>Priority:</u> | Medium |

Execution time metrics

Estimated time for executing 49 test cases (hours):4.18