

**QA Engineering Challenge**

**Test Scenarios**

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**Date: May 20th, 2024**

**Version: 1.0**

**Code: QA-01**

[**https://github.com/jmorenoj/storiCard**](https://github.com/jmorenoj/storiCard)

**TEST SCENARIOS**

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# **User login**

## **Functional testing**

| **ID** | **TITLE** | **DESCRIPTION** |
| --- | --- | --- |
| TS-001 | Login page accessibility | Verify the login page is accessible when opening the app |
| TS-002 | Login fields presence | Verify if all the necessary fields (like email, and password) are present on the login page |
| TS-003 | Successful user login with correct credentials | Verify the user can log in to the account enter valid credentials and is redirected to the intended page after successful login |
| TS-004 | Successful user login with biometric integration | Verify the user can log in to the account through biometric e.g., (Face ID, or fingerprint) and is redirected to the intended page after successful login |
| TS-005 | Remember Me functionality | Having the "Remember Me" feature enabled, validates the user is still logged into the account after closing the app and re-entering |
| TS-006 | Failed user login with empty fields | Verify the user cannot log in to the account when required empty fields and an error message is displayed indicating data needs to be filled |
| TS-007 | Failed user login with incorrect credentials | Verify the user cannot login to the account due to incorrect credentials and an error message is displayed indicating incorrect credentials |
| TS-008 | Failed user login with biometric integration | Verify the user cannot log in to the account through biometrics (e.g., Face ID, or fingerprint) and an error message is displayed indicating the user cannot log in to biometric |
| TS-009 | Failed login when pending email confirmation | Verify the user cannot log into the account before the email confirmation and an error message is displayed indicating the confirmation is pending |
| TS-010 | Forgot Password functionality | Validate if the user received the reset instructions after entering the registered email in the forget password link |
| TS-011 | Logout functionality | Verify the user can log out from the app after a successful login |

## **Security testing**

| **ID** | **TITLE** | **DESCRIPTION** |
| --- | --- | --- |
| TS-012 | Password storage | Verify if the user's password is stored securely |
| TS-013 | Session timeout | Verify if the user's session ends after a period of inactivity |
| TS-014 | Session Termination | Verify if the user's session ends after logging out |
| TS-015 | Account Lockout | Verify the user cannot log in after multiple failed attempts |
| TS-016 | Account Recovery | Verify if the user can recover the account after it's locked |

## **Performance testing**

| **ID** | **TITLE** | **DESCRIPTION** |
| --- | --- | --- |
| TS-017 | Load time | Verify the load time of the login page |
| TS-018 | Response time | Verify the response time when the user tries to log in. |
| TS-019 | Heavy Load | Verify the app behavior under heavy load (many users are trying to log in at the same time) |

## **Usability testing**

| **ID** | **TITLE** | **DESCRIPTION** |
| --- | --- | --- |
| TS-020 | Navigation | Verify if the user can easily navigate to the login page |
| TS-021 | Error Messages | Verify if the user receives clear error messages when login fails |
| TS-022 | Login Process | Verify if the user can easily understand and follow the login process |

# **User Registration**

## **Functional testing**

| **ID** | **TITLE** | **DESCRIPTION** |
| --- | --- | --- |
| TS-023 | Registration page accessibility | Verify the registration page is accessible when tapping the registration option |
| TS-024 | Registration fields presence | Verify if all the necessary fields (like first name, last name, email, password, confirmation password, etc) are present on the registration page |
| TS-025 | Successful user registration | Verify the user can register to create an account using valid data and is redirected to the intended page after successful registration |
| TS-026 | Confirmation email registration | Verify if the user receives a confirmation email after successful registration |
| TS-027 | Failed user registration due to an invalid email format | Verify the user cannot register and an error message is displayed indicating an invalid email format |
| TS-028 | Failed user registration due to password and confirm password not matching | Verify the user cannot register and an error message is displayed indicating the password and confirmation password do not match |
| TS-029 | Failed user registration due to a weak password | Verify the user cannot register and an error message is displayed indicating the password is not meeting the password policy |
| TS-030 | Failed user registration due to a duplicated email | Verify the user cannot register and an error message is displayed indicating the email was already used to create a register |
| TS-031 | Failed user registration due to not agreeing to the terms and conditions | Verify the user cannot register and an error message is displayed indicating the terms and conditions are not agreed |
| TS-032 | Failed registration due to empty fields | Verify the user cannot register when any or all required fields are empty and an error message is displayed indicating data needs to be filled |
| TS-033 | Attempt to log in after a successful registration process | verify the user can log in right after a successful login |

## **Security testing**

| **ID** | **TITLE** | **DESCRIPTION** |
| --- | --- | --- |
| TS-034 | Password storage | Verify if the user's information is stored and managed securely |

## **Performance testing**

| **ID** | **TITLE** | **DESCRIPTION** |
| --- | --- | --- |
| TS-035 | Load time | Verify the load time of the registration page |
| TS-036 | Response time | Verify the response time when the user tries to register. |
| TS-037 | Heavy Load | Verify the app behavior under heavy load (many users are trying to register at the same time) |

## **Usability testing**

| **ID** | **TITLE** | **DESCRIPTION** |
| --- | --- | --- |
| TS-038 | Navigation | Verify if the user can easily navigate to the registration page |
| TS-039 | Error Messages | Verify if the user receives clear error messages when registration fails |
| TS-040 | Login Process | Verify if the user can easily understand and follow the registration process |