

Software Test Report (STR)

Project: DemoQA Web Application – Login Page

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1. Overview

- This report summarizes the testing activities conducted on the **Login page** of the DemoQA web application.
- The objective of this project was to demonstrate **a structured QA testing process**, including planning, execution, defect reporting and test analysis – as part of a **baseline QA portfolio project**.

2. Test Scope

In Scope:

- **Functional validation** of the login process.
- Input validation for **username and password fields**.
- **Negative testing scenarios**.
- Basic **usability and accessibility** checks on desktop and mobile platforms.

Out of scope:

- Backend authentication mechanism.
- Database-related operations.
- Performance, load and security testing.

3. Test environment

- **Application:** DemoQA Web Application - Login Module (<https://demoqa.com/login>).
- **Browser:** Google Chrome.
- **Desktop OS:** Windows 11.
- **Mobile OS:** Android.
- **Devices:** Desktop PC, Mobile Device (smartphone).

4. Test Execution Summary

- **Total Test Cases Executed:** 10.
- **Passed:** 10.
- **Failed:** 0.
- **Blocked:** 0.
- All planned test cases were executed successfully according to the defined test scenarios.

5. Defects Summary

- **Total Defects Found:** 2.
- **Severity Level:** Minor – 2.
- **Issue Type:**
 - Usability / Accessibility.
 - Usability / Validation.
- **Defects Reference:**
 - **BUG-001:** Missing validation message on mobile when tapping mandatory field indicator.
 - **BUG-002:** Same error message displayed for multiple invalid username/password input types.
 - No critical or major defects were identified during the testing phase.

6. Key Findings

- Validation feedback for required fields behaves **inconsistently between desktop and mobile platforms.**
- On desktop, validation indicators include additional explanatory feedback, while on mobile devices this feedback is **missing**.
- Error messages for invalid login attempts are **generic** and don't differentiate between different invalid input scenarios.
- Overall login functionality behaves as expected under standard usage conditions.

7. Test Conclusion

- The Login functionality of the DemoQA Web **application meets the functional requirements** defined in the Software Test Plan.
- While no functional blockers were identified, **minor usability improvements** are recommended to enhance user guidance and consistency across platforms.
- This project successfully demonstrates a **complete QA testing flow**, including test planning, execution, defect reporting and final analysis.