

Agile QA Test Plan #1

Feature - Login

Objective

Ensure that the login functionality on www.demoblaze.com works as expected and meets the requirements/standards of the stakeholders

Scope

This test plan covers the testing of the login functionality on www.demoblaze.com for the following scenarios:

- A registered user logging in with valid credentials
- A user attempting to log in with invalid credentials
- A user attempting to log in with an account that does not exist
- A user attempting to log in with an account that has been disabled or deleted

Test Approach

The testing will be conducted using a combination of manual and automated testing methods, including:

- Functional testing to ensure that the login functionality works as intended
- Security testing to ensure that the login process is secure and that user data is protected
- Performance testing to ensure that the login process is fast and responsive

Defects will be tracked and reported using the project management tool Jira.

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Test Environment

The testing will be conducted using a combination of manual and automated testing methods, including:

- Local development environment with Virtual Machine & Cloud Servers
- Software QA Testing Environment with dedicated QA Server for testers
- Development and Production Environment for Release Builds

Defects will be tracked and reported using the project management tool Jira.

Test Data

The following test data will be used during testing:

- Valid user credentials for a test account
- Invalid user credentials for a test account
- Test data from previous login tests

Risks & issues

The following risks and issues have been identified:

- Issues with dependencies on external services, such as third-party authentication providers
- Security vulnerabilities in the login process, such as weak password policies or unencrypted transmission of user data
- Performance issues related to high user traffic or server load

There may be other risks during the test process that are not included here

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Schedule

The testing will be conducted during the current sprint, with the following milestones and deadlines:

- Test plan completion: Day 2 of the sprint
- Manual testing: Days 3-4 of the sprint
- Automated testing: Days 5-6 of the sprint
- Defect tracking and reporting: Ongoing throughout the sprint

Resources

The testing will be conducted during the current sprint, with the following milestones and deadlines:

- Business Analyst: Alex Smith
- QA team members: James Allen (QA lead)
- Development team members: David Barnes (developer)
- Test management tool: Jira
- Test automation tools: Selenium WebDriver, TestNG
- Test data management tool: Apache POI
- Test environments: Windows 10, IntelliJ IDEA, Chrome browser