**Lorax Test Plan for Login Page**

**1. Introduction**

This test plan outlines the testing strategy for the Login Page, which consists of a username field, a password field, and a "Remember Me" checkbox. The objective is to ensure that the login functionality works correctly under different scenarios, including positive and negative test cases.

**2. Scope**

**2.1 Features to be tested**

* Username input field
* Password input field
* "Remember Me" functionality
* Login button functionality
* Error messages
* Security aspects (e.g., SQL Injection, Brute force prevention)

**2.2 Features not to be tested**

* Backend database functionality
* Third-party authentication integration (unless specified)

**3. Test Strategy**

**3.1 Testing Approach**

* Functional Testing
* UI Testing
* Security Testing
* Usability Testing
* Performance Testing (if required)

**3.2 Test Case Prioritization**

**High Priority**

* Valid login credentials (positive scenario)
* Invalid login credentials (negative scenario)
* SQL Injection attack attempt (security test)
* "Remember Me" functionality persistence
* Session expiration behaviour

**Medium Priority**

* Field validations (empty username/password, special characters, etc.)
* Case sensitivity checks
* Browser compatibility testing

**Low Priority**

* UI appearance across different resolutions
* Accessibility compliance

**4. Test Environment**

* OS: Windows, macOS, Linux
* Browsers: Chrome, Firefox, Edge, Safari
* Network Conditions: Normal, Slow, No Connection

**5. Conclusion**

This test plan ensures comprehensive coverage of the Login Page, including functional, security, and usability tests. Test cases are prioritized based on their impact on user experience and security.