**Test Plan for Login Functionality**

**1. Test Plan ID**

TP-LF-001

**2. Introduction**

This test plan covers the testing strategy and approach for validating the login functionality of the application. The login feature allows users to securely access their accounts using a valid username and password.

**3. Features to be Tested**

* Username and password input fields
* Login button functionality
* Error messages for invalid inputs
* Successful login with valid credentials
* Session initiation on login
* "Forgot Password" link (if applicable)
* Input validations (e.g., empty fields)

**4. Features Not to be Tested**

* Backend encryption methods
* Third-party integrations (e.g., OAuth) if not in scope

**5. Test Strategy**

Manual testing will be performed across various browsers and devices to validate UI and functionality.

**6. Test Environment**

* Browsers: Chrome, Firefox, Safari
* OS: Windows, macOS, Android, iOS
* Test server: [Dev/QA server URL]

**7. Pass/Fail Criteria**

* A test case passes if the actual result matches the expected result.
* A test case fails if the actual result does not match expected result.

**8. Risks**

* Unavailable test data
* Server downtime during testing
* Delays in development may impact timelines

**9. Approval**

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