

Project Name: Login Functionality Testing

Project Version: v1.0

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Date: 21-12-2025

1. Overview

This document summarizes the results of testing the Login functionality of the application. The testing covered valid and invalid login scenarios, security checks, input validations, session management, and logout functionality.

2. Test Summary

| Test Area | Total Test Cases | Passed | Failed | Remarks |
|----------------------|------------------|--------|--------|------------------------------|
| Valid Login | 2 | 2 | 0 | All test cases passed |
| Invalid Login | 9 | 5 | 4 | Error message not clear |
| Input Validation | 6 | 0 | 6 | Validation works as expected |
| Security Testing | 2 | 1 | 1 | No security issues found |
| Session Management | 1 | 0 | 1 | Session behavior is correct |
| Logout Functionality | 1 | 1 | 0 | Logout works properly |

3. Defects Summary

- Total Defects Found:** 12
- Severity:** High
- Description:** Several defects were identified related to input validation, error message handling, session management, and security behavior. The system displays generic error messages that do not meet the client requirements, critical security such as account lock or CAPTCHA after multiple failed login attempts, session timeout handling are not implemented.

4. Conclusion

All planned test cases were executed successfully. A total of **12 defects** were identified. Critical defects related to **security and session management** must be fixed before production release. Once all reported defects are resolved and retested, the login functionality will be suitable for deployment to production.

5. Sign-Off

| Role | Name | Signature | Date |
|---------|--------|-----------|------------|
| QA Lead | Habiba | Habiba | 21-12-2025 |