

Test Plan Results

1. Summary of Test Execution

- Total Test Cases Executed: 15
- Test Cases Passed: 14
- Test Cases Failed: 1
- Test Coverage: %100
- Overall Success Rate: %93.33

2. Detailed Results Table

TC ID	Feature	Description	Result
LG.LOG_B.01	Login	Valid credentials login	Pass
LG.LOG_B.02	Login	Blank password	Pass
LG.LOG_B.03	Login	Invalid email & password	Pass
LG.SR_B.01	Sign Up	Navigates to register page	Pass
LG.FP_B.01	Forgot Password	Password reset link sent	Fail
REG.PW.01	Register	Password too short	Pass
REG.PW.02	Register	Mismatched passwords	Pass
REG.PW.03	Register	Valid matching passwords	Pass
REG.EM.01	Register	Invalid email format	Pass
REG.NM.03	Register	Invalid name	Pass
HM.UP.0	Home - Upload Photo	Valid photo upload	Pass
HM.UP.2	Home - Upload Photo	Unsupported file format	Pass
HM.AN_B.0	Home - Analyze Photo	Analyze valid photo	Pass
HM.AN_B.2	Home - Analyze Photo	Analyze invalid format	Pass
HM.SH.0	Home - Show History	Display previous analyses	Pass

3. Summary and Recommendations

During this testing phase, a total of 15 test cases were executed to validate all critical functionalities of the application. Fourteen of these passed successfully, while one failed—specifically in the password-reset link functionality of the “Forgot Password” feature—resulting in an overall success rate of 93.33%. It is recommended to investigate and resolve the root cause of that failure to ensure reliable account recovery, to design additional negative test scenarios for the photo upload and analysis modules in order to strengthen error handling, and to incorporate performance and security testing in the next cycle to assess system robustness under load and detect potential vulnerabilities.

Test coverage for this cycle reached 100%, as all planned test cases were executed and mapped to the defined functional requirements. This full coverage confirms that the evaluation encompassed the entire scope of the application’s intended functionality and no areas were left untested.

Overall, the application demonstrates stable operation across its core features, with the lone exception of the password-reset process. By addressing this issue and carrying out the recommended comprehensive tests—including performance and security evaluations—the system’s reliability will be enhanced and its readiness for production release assured.

4. Conclusion

Overall, the application demonstrates stable functionality across its core features, with the exception of the password reset process. Addressing this issue and conducting further comprehensive testing (including performance and security evaluations) will enhance system reliability and readiness for release.