

# Final Individual Executive Report of Testing



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# Executive Summary

This report summarizes the conclusions and individual results about the Testing process, personally carried out throughout the project for the eMercado site. The main goal was to evaluate quality, functionality, and security in certain areas of the system. Throughout the various phases of the project, we have worked diligently to identify and address any issues that could affect the integrity and usability of the system.

## General Conclusions

### Software Quality

The software did NOT demonstrate good quality in general terms. The regression tests confirmed that the new implementations introduced issues in the existing areas.

### Functionality

The main functionalities of the system, including User Authentication, User Management, Search and Display, have been thoroughly tested and have not been found to be functioning as expected. Were corrected a few issues, and with low severity.

### Security

The system has lacked implementation of key security functionality.

## Key Results

1. **Percentage of Test Coverage:** 100% coverage was achieved, covering functionality tests, security tests, confirm tests, and regression tests.
2. **Number of Corrected Issues:** 8 issues were found during the Testing process, 3 were corrected and verified correctly, and after these were corrected, a critical issue was found.
3. **Security Evolution:** The function "Password Recovery" was not implemented in any phase of the project.

# Final Observations and Recommendations

During the course of the project, various situations and challenges were observed and addressed. Some final observations and recommendations include:

- **Interdepartmental Collaboration:** Effective communication between the development team and the testing team, is fundamental for the project's success. No communication was obtained between these teams, it is recommended to apply this collaboration in future projects.
- **Documentation:** The documentation on the system and its functionalities (ESRE) contains ambiguities and a lack of data, which is linked to the lack of communication. The detailed documentation of test cases and testing processes facilitated the quick identification and resolution of problems. It is suggested to maintain and improve the documentation for future projects.
- **Usability Tests:** Although the primary focus was on functionality and security, it is suggested that more detailed usability testing be included in future projects to ensure an even more refined user experience.

## Acknowledgments

I want to express my acknowledgment to all members of the testing team, and to all parties involved in the project. The collaboration and conjunctive effort have been fundamentals for the good course of the project.

## Final Conclusion

The eMercado project has NOT been concluded success and the resulting software throughout undergone a rigorous testing process. My conclusion is that the product delivered does NOT reach the established quality and safety standards.

The results of the tests realized in the different phases of the project made it clear that the system needs to be improved because it has failures that cause the path established for the user to be unsatisfactory. It is recommended in the first place to prioritize the functionalities and aspects of the system that allow the user to use the product in the way that was planned.

Sincerely,  
Jordan Villoldo,  
member of Bugbusters.