Final Executive Testing Report

Group 1
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Executive Summary

This report summarizes the conclusions and results of the testing process done during the Veterinaria Guau Guau project. The main goal of the testing was to check the system's quality, functionality, accessibility, and performance, in general and specific areas. Specific areas included the New Vaccine Registration as a functional requirement, and accessibility and performance testing as non-functional requirements. During the project, the testing team worked hard to find and fix any problems that could affect the system's quality and ease of use.

General Conclusions

Software Quality.

The software demonstrated issues with stability and reliability. Regression testing revealed that some of the reported bugs were not fully resolved. Additionally, the provided testing environments were insufficient for evaluating critical aspects such as system performance.

Functionality.

The main functions of the new vaccine registration process were thoroughly tested. Issues related to boundary values and equivalence partitions were identified in the system's behavior. These issues were reported, but not all of them were fixed during the project.

Accessibility.

The system did not pass all accessibility tests, and the improvements that were planned at the beginning were not fully addressed. Although some improvements were made, not all issues reported were fixed.

Performance.

Performance testing could not be carried out due to the lack of an appropriate testing environment to assess the system's performance. As a result, we cannot be certain that the system will perform well under heavy load, which could negatively impact the user experience.

Key Results

1. **Test Coverage Percentage:** The team achieved 100% test coverage for functional requirements and accessibility tests. However, performance tests could not be done because the testing environment was not suitable.

2. **Number of Fixed Bugs:** Three bugs were identified during the testing process. Of these, only one has been fixed and verified successfully. The fixed bug was related to the entry of invalid doses. This issue was corrected and confirmed during the retesting process.

3. **Number of Unresolved Bugs:** Three main bugs were identified during the testing process, two of which were not resolved. The first is related to the lack of validation in the vaccine name when an excessively long text is entered, allowing the registration without showing any error message. The second bug refers to the absence of a warning or block in the system when entering an expiration date earlier than the application date, resulting in incorrect behavior.

Final Observations and Recommendations

During the project, the team faced and solved several problems. Some final observations and recommendations include:

- **Interdepartmental Collaboration:** Effective communication between the testing team was crucial for the success of the project. It is recommended to maintain this collaboration in future projects.

- **Documentation:** Detailed documentation of the test cases and testing processes helped the team to find the problems quickly. It is recommended to continue keeping and improving the documentation for future projects.

- **Performance Testing:** Even though the main focus was on functionality, it is recommended to provide a proper environment to test performance, to make sure the user experience is smooth and efficient.

Acknowledgments.

I want to thank all the members of the testing team for their cooperation, hard work, and dedication, which were very important for the success of this project. I also want to thank my technical mentor, Carlos Da Rosa, and my reference, Paula Rodriguez, for their support and guidance during this phase, which were key to the successful completion of the project.

Final Conclusion.

The Veterinaria Guau Guau project is finished, even with some issues that were not solved. The software has gone through a thorough testing process. The final product works for basic vaccine registration, but it does not meet all the quality and functionality standards that were set. I am available for any further questions or future collaboration.

Sincerely,
Belén Mundemurra