

FINAL PROJECT

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LEVELS





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INTRODUCTION



- Romanian ecommerce website <https://www.zootehnice.ro/>
- Registered domain in Romania
- Specializes in the sale of products related to animal husbandry
- Offers a variety of products
- Includes items for both farm management and household use



TESTING APPROACH

1. Select a website



3. Test planning



5. Test execution



7. Test report



2. Exploratory testing



4. Design TC and TestData



6. Bug reporting



TESTING TOOLS



**Microsoft office 2010 –
Word, Excel,
PowerPoint**



Bug reporting



**Test case design
and test execution**



**Windows snipping
tool – to capture the**



TESTING TYPES AND LEVELS



SMOKE



**FUNCTIONAL &
NON-FUNCTIONAL**



**POSITIVE &
NEGATIVE**



**BLACK BOX
TESTING**



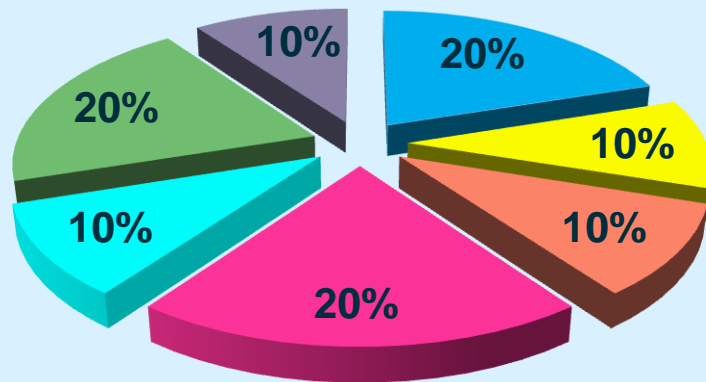
**EXPLORATORY
TESTING**



**DYNAMIC
TESTING**

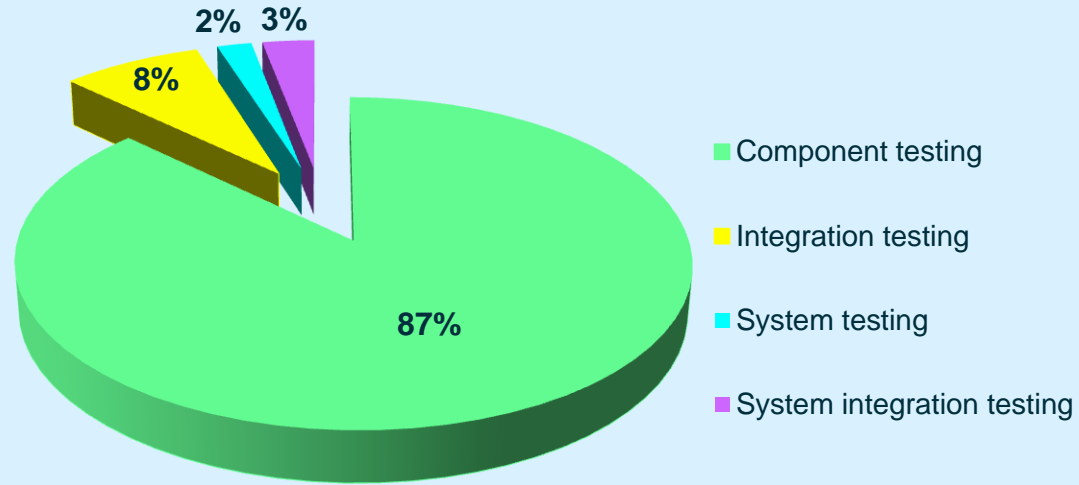


Smoke testing



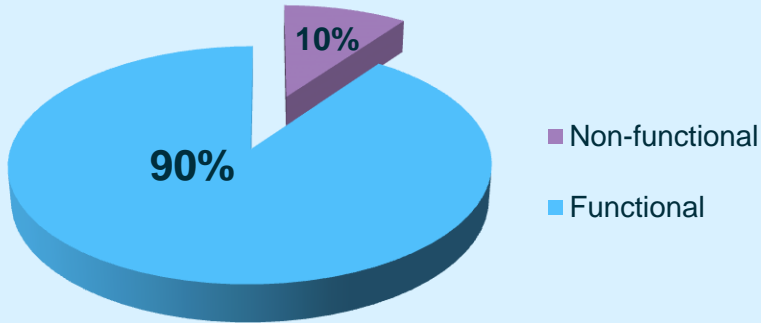
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Testing levels

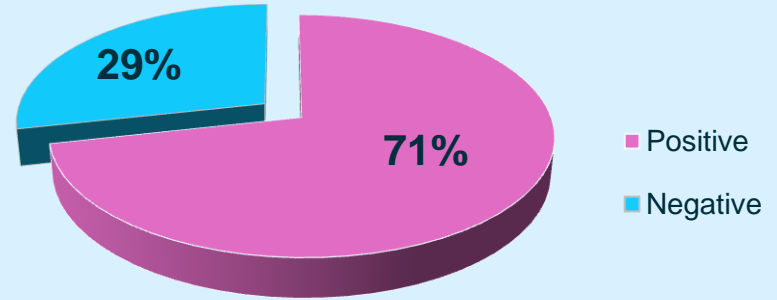


TEST CASES OVERVIEW

Functional vs Non-functional

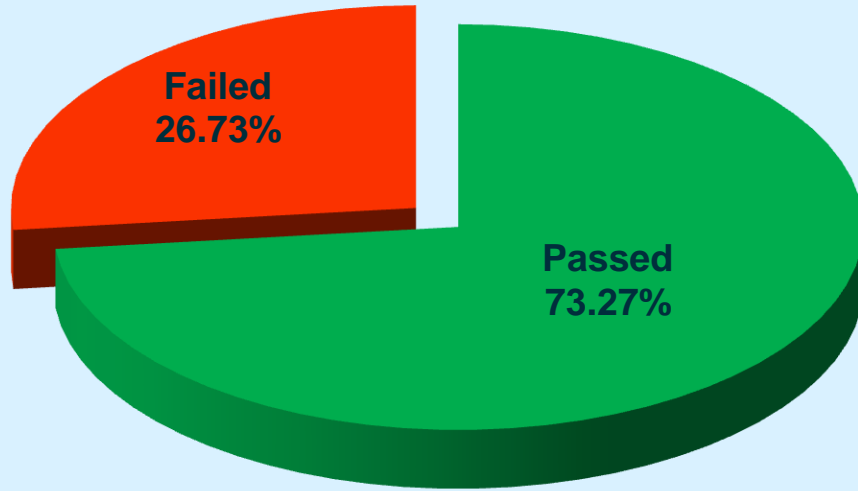


Positive vs Negative

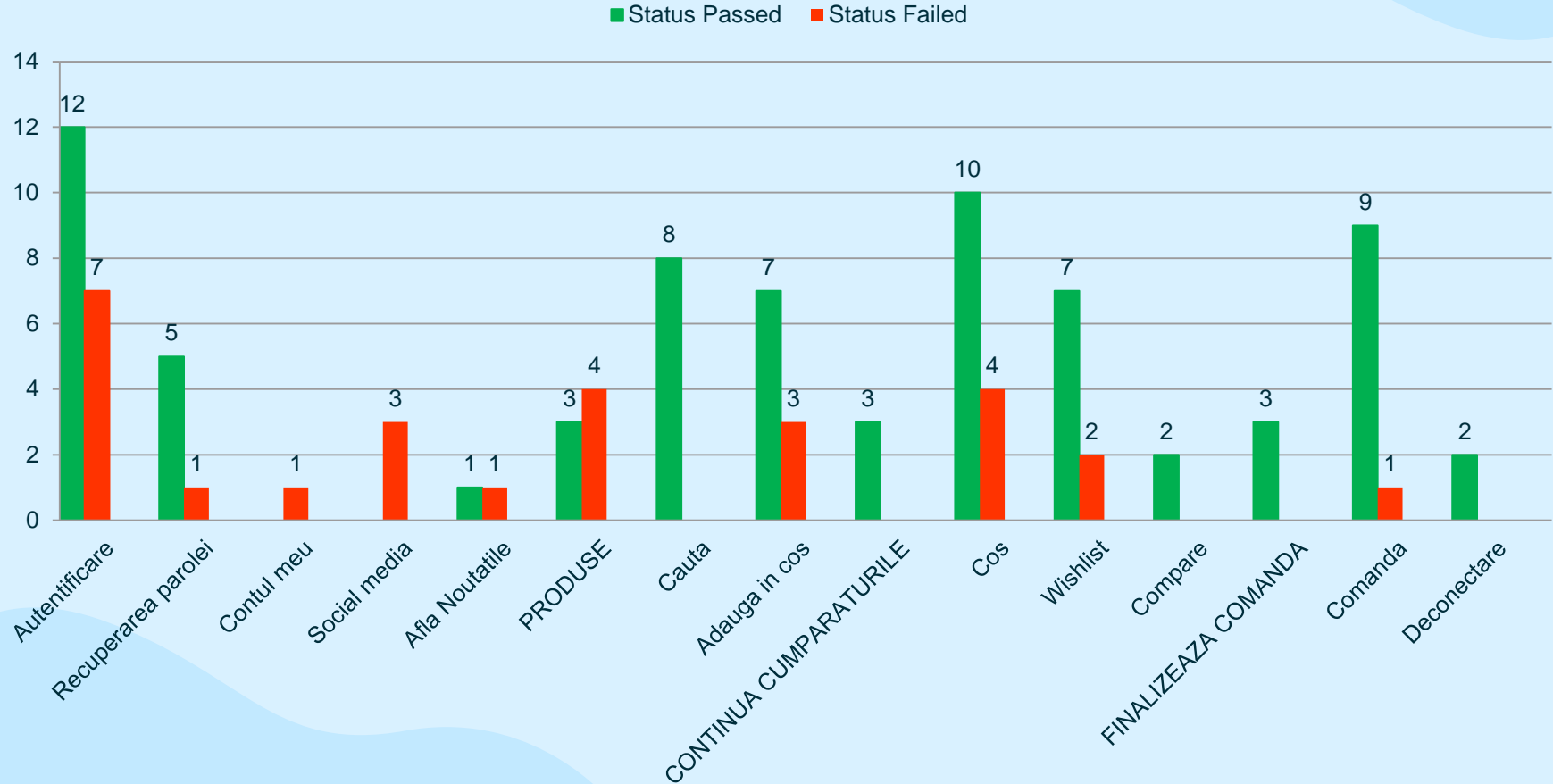


TEST CASES RESULTS

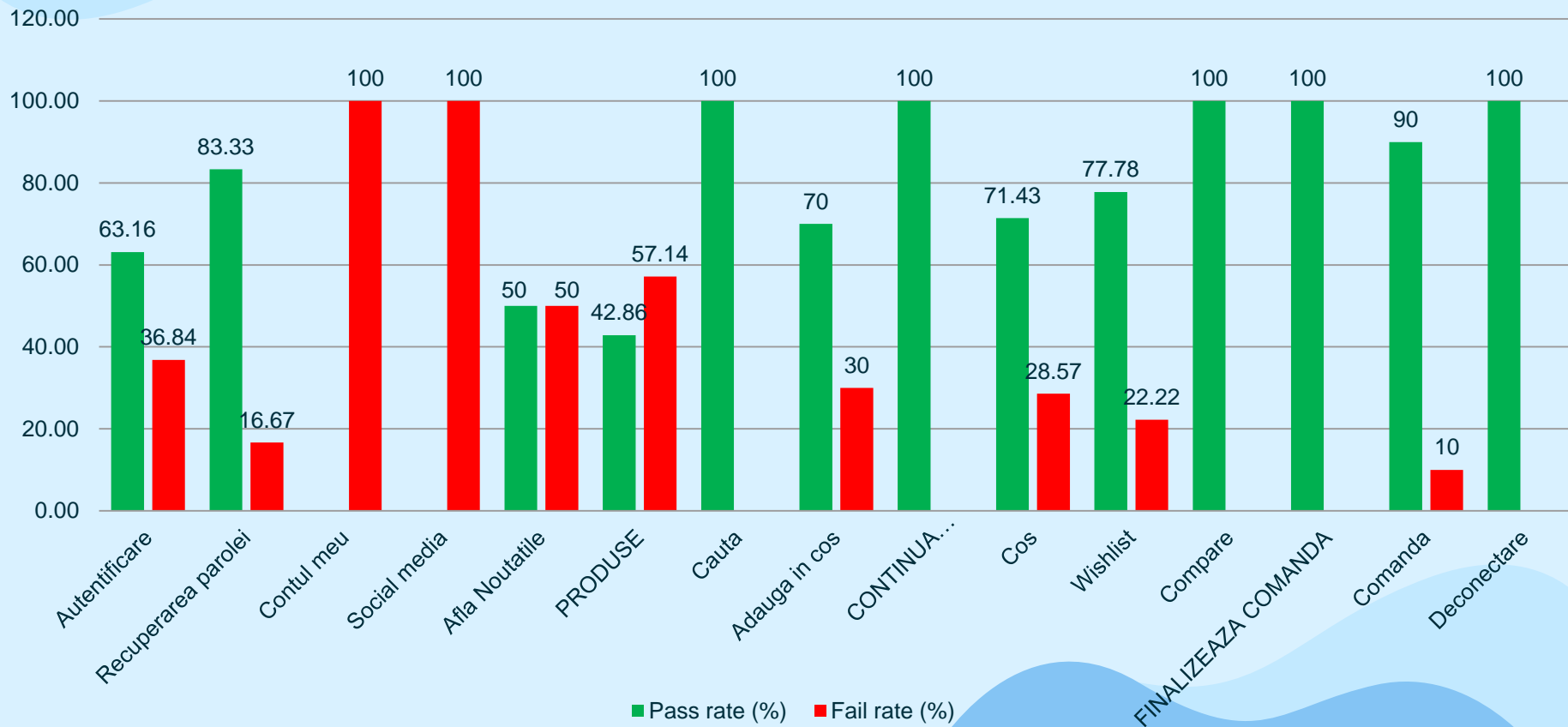
Test results - Passed vs Failed



Test Metrics per Feature/Functionality

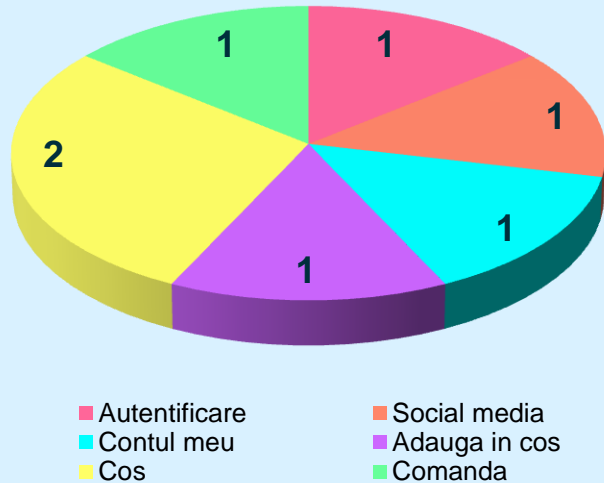


Test Rate per Feature/Functionality

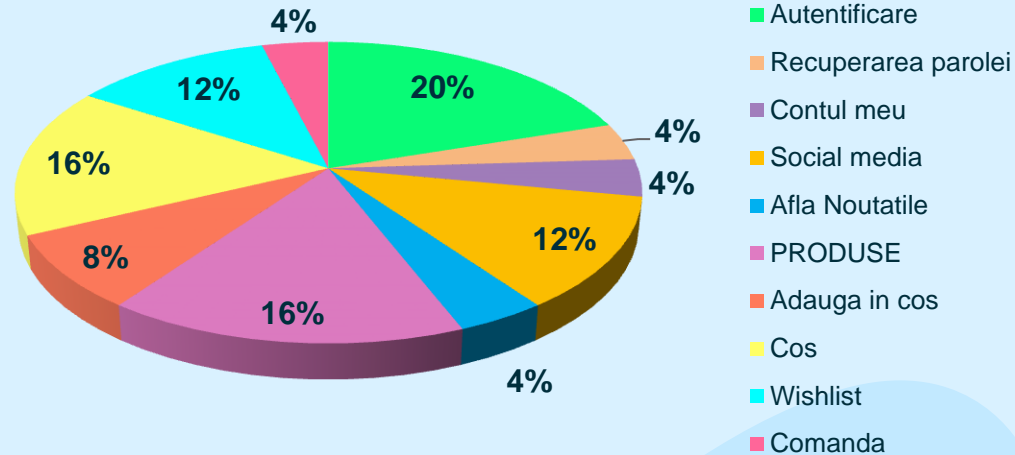


BUGS OVERVIEW

BUG metrics per functionality
(identified during exploratory testing)



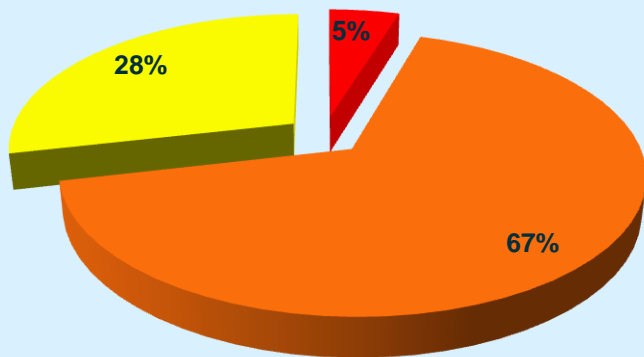
BUG metrics per functionality
(identified during the overall testing session)



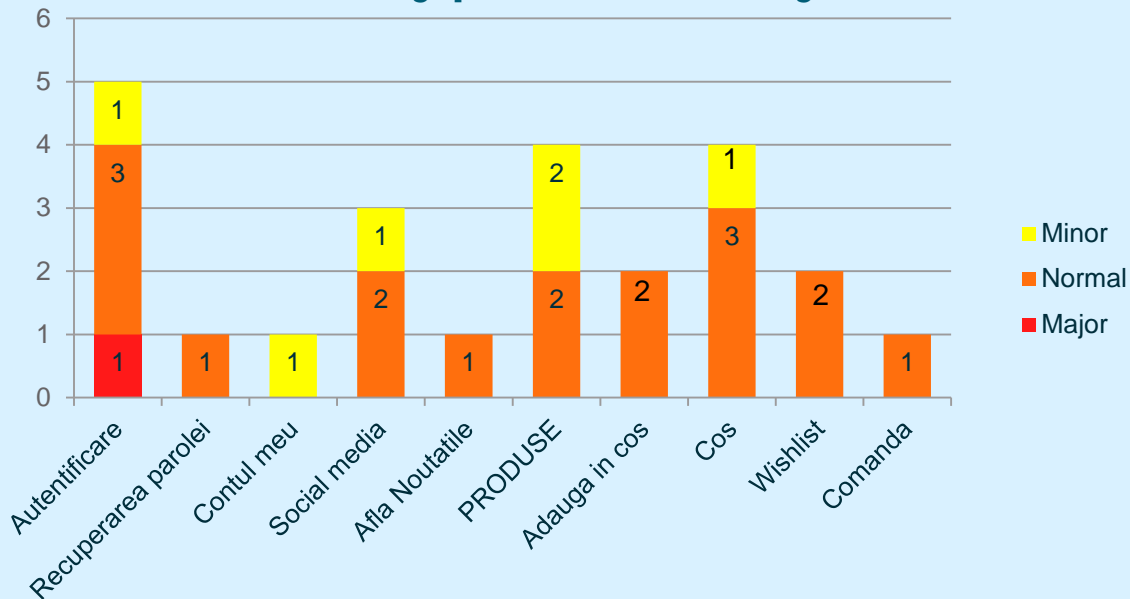
BUG metrics by severity

(identified during test execution and exploratory testing)

■ Major -1 ■ Normal -14 ■ Minor -6



BUG severity per functionality/feature



CONCLUSIONS

- **Smoke Testing Session:** Conducted 10 test cases, all of which passed successfully;
- **Bugs Identification:** A significant number of bugs were uncovered during broader test execution, pointing to substantial issues;
- **Challenges and Gap:** Challenges exist in defining coverage due to a lack of explicit requirements, coupled with a limited scope in non-functional testing;
- **Testing Approach:** Despite challenges, the current testing approach emphasizes critical functionalities;
- **User Experience:** The overall user experience is positive, featuring intuitive navigation, while acknowledging areas for improvement.

LESSON LEARNED

- **Testing without requirements** is like trying to assemble IKEA furniture without instructions — you might end up with a chair that looks more like a coffee table;
- **Exploratory testing paradox** – I went on a bug-hunting expedition before even deciding on the rules, making every bug I found a result of my unintentional pre-test exploration;
- **Organized execution yields success** – the significance of meticulous organization and planning in the testing process cannot be emphasized enough;
- **Team collaboration amplifies effectiveness**



**THANKS!
AND THANK
YOU, FLORIN!**

