# FINAL PROJECT

www.monamiagro.ro

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*DATE: 27.11.2023*

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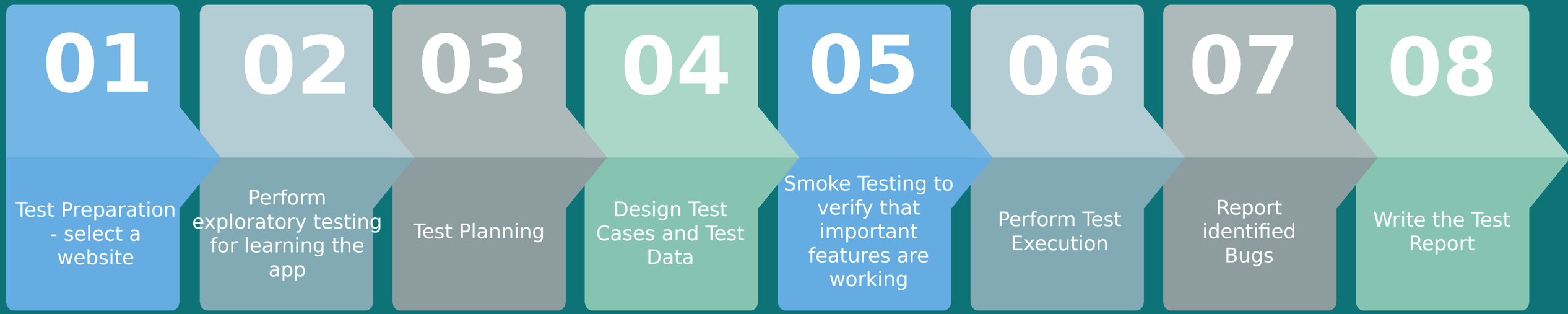
# INTRODUCTION

Monamiagro.ro:

- Software Application
- E-commerce Website
- National retailer – provides a wide range of phytosanitary products, fertilizers, tools and equipment for solariums, green spaces, irrigation systems and gardening

# TESTING APPROACH

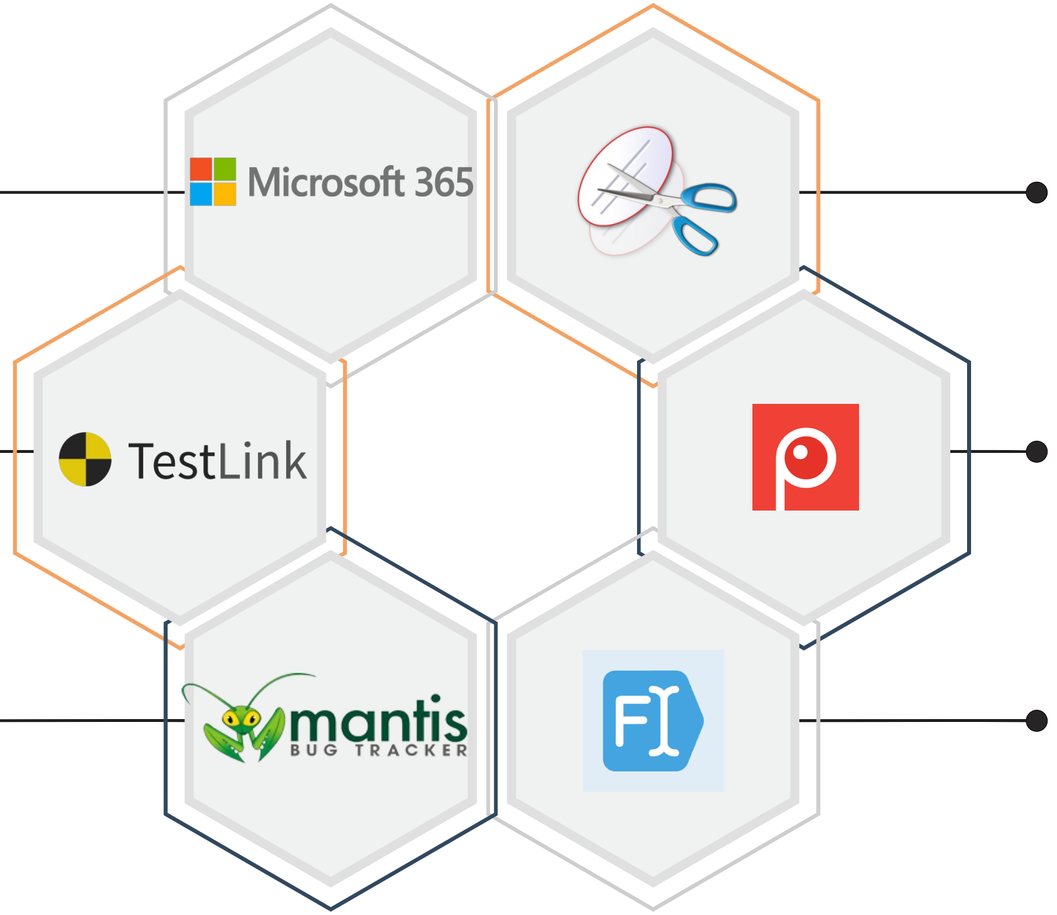


# TESTING TOOLS

Microsoft 365 (Office)

TestLink 1.9.20 –
Test Case Management
(Design and Execution)

Mantis Bug Tracker –
Bug Reporting

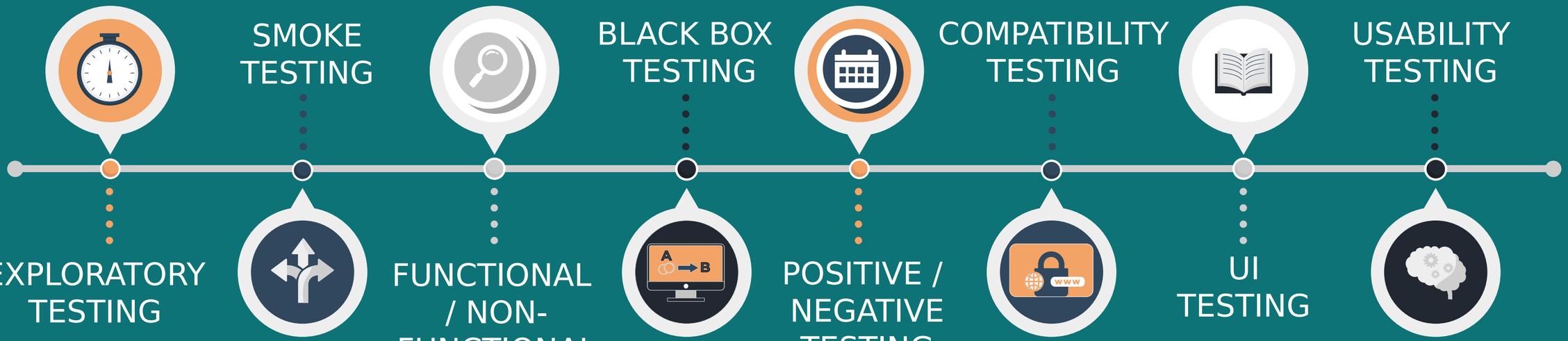



Snipping Tool for Windows

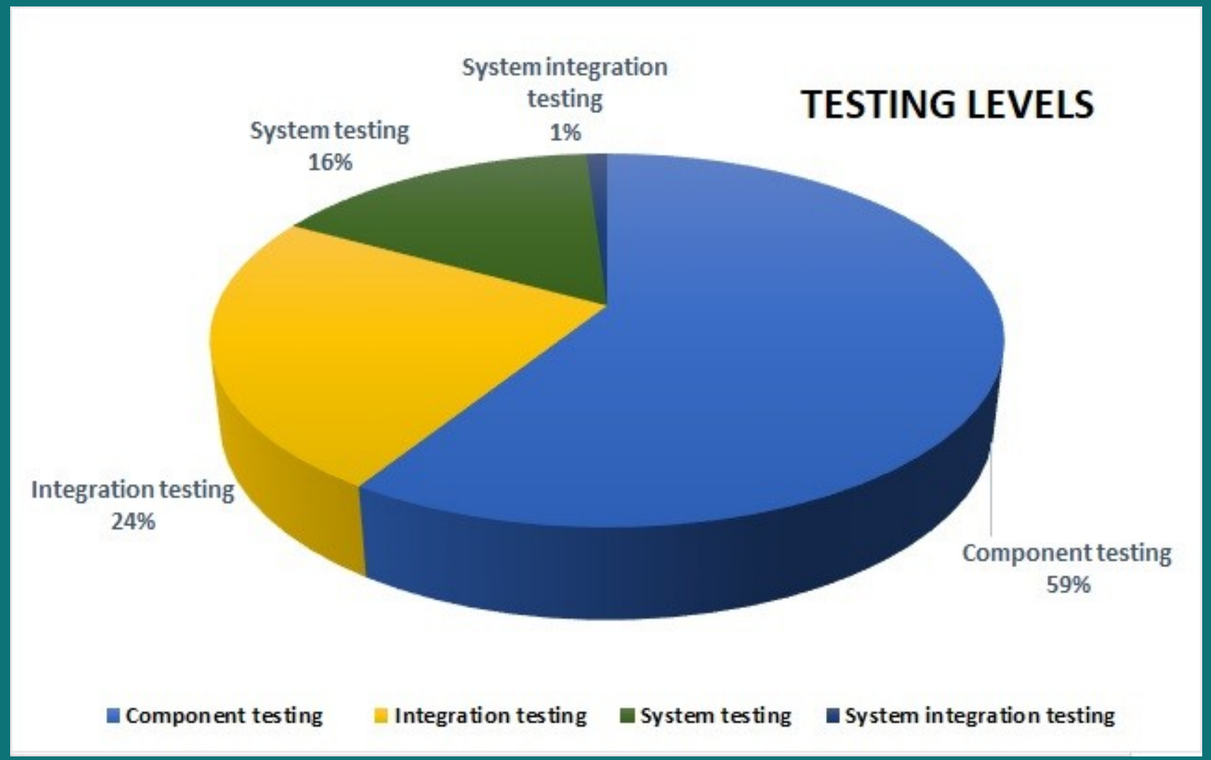
Screenpresso

Fake Filler Chrome extension

# TESTING TYPES USED



# TESTING LEVELS




## Component Testing

Indiv. testing of features: Login, Shopping Cart – largest share

## Integration Testing

Simultaneous testing of minimum 2 components

## System Testing

All internal components – end to end flows

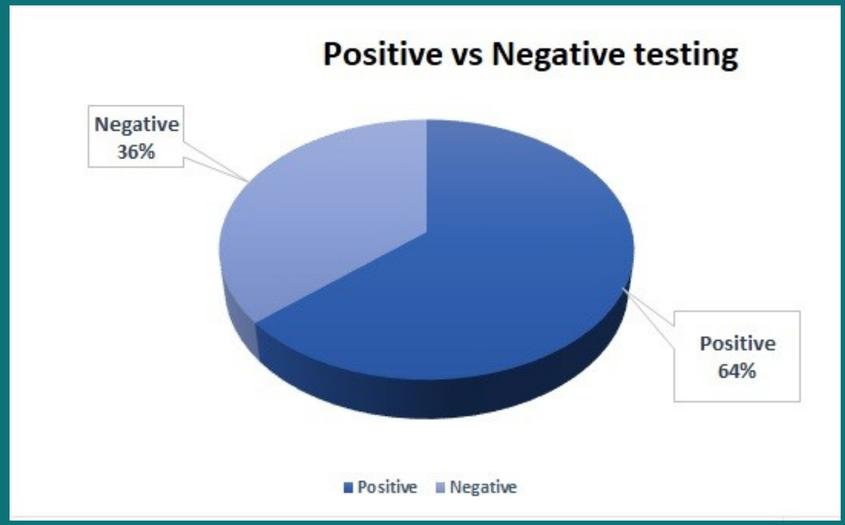
## System Integration Testing

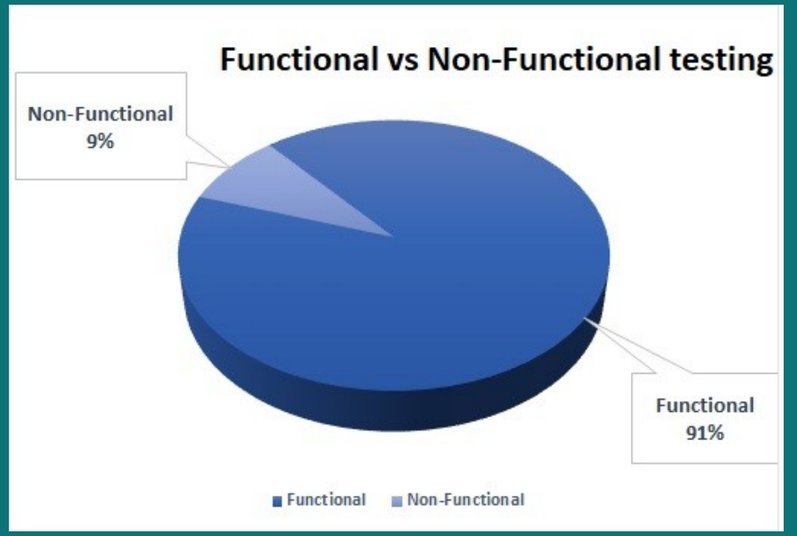
External payment system

# TEST CASES OVERVIEW

The executed tests can be included into Functional and Non-Functional types of testing. A number of **73 test cases** are checking the functionalities of the software system; the remaining **7 test cases** are testing the non-functional aspects: compatibility, usability, security.

**Smoke** suite includes **8 test cases** which were executed, representing 10 % of the total number of test cases and having a pass rate of 100 %.





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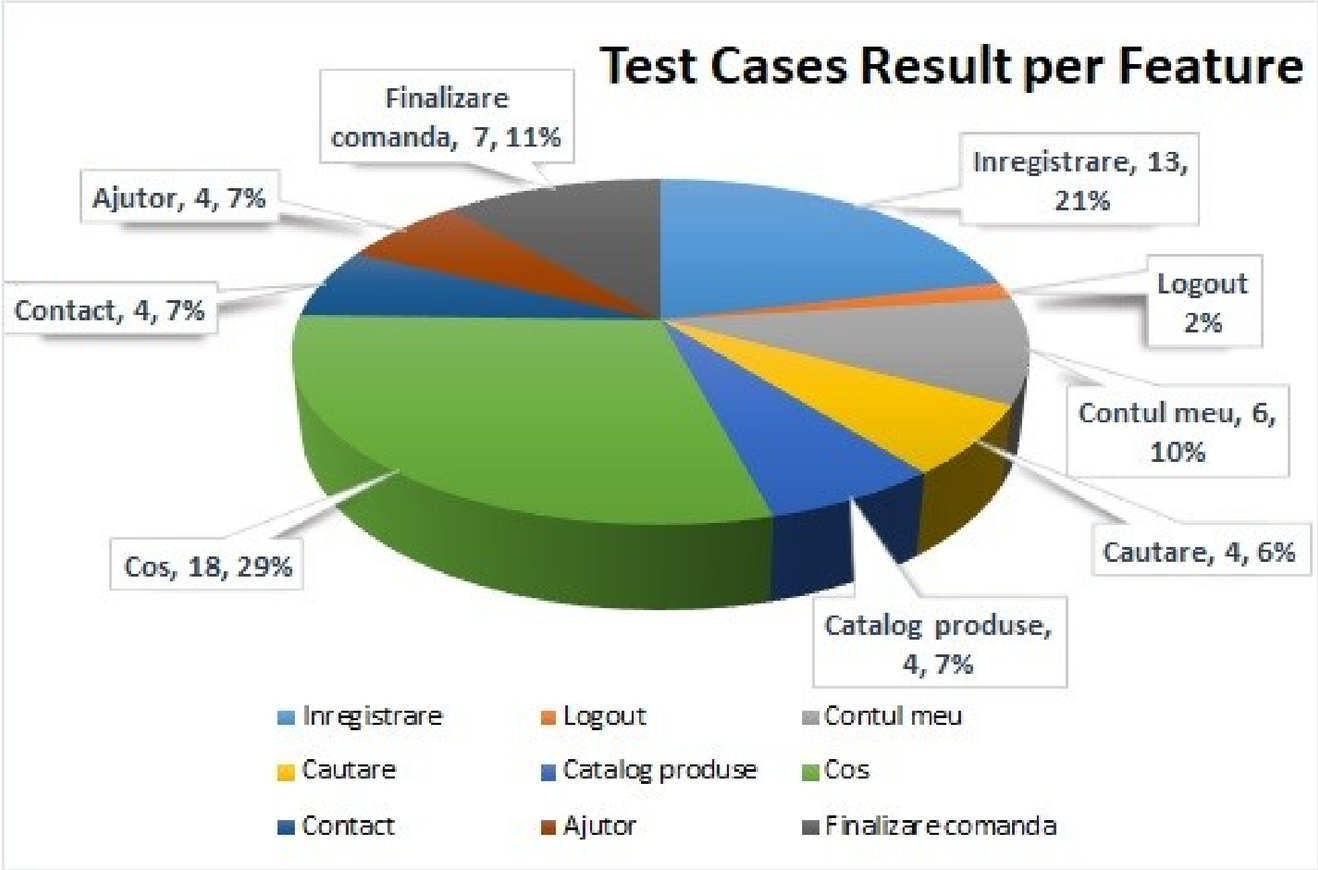


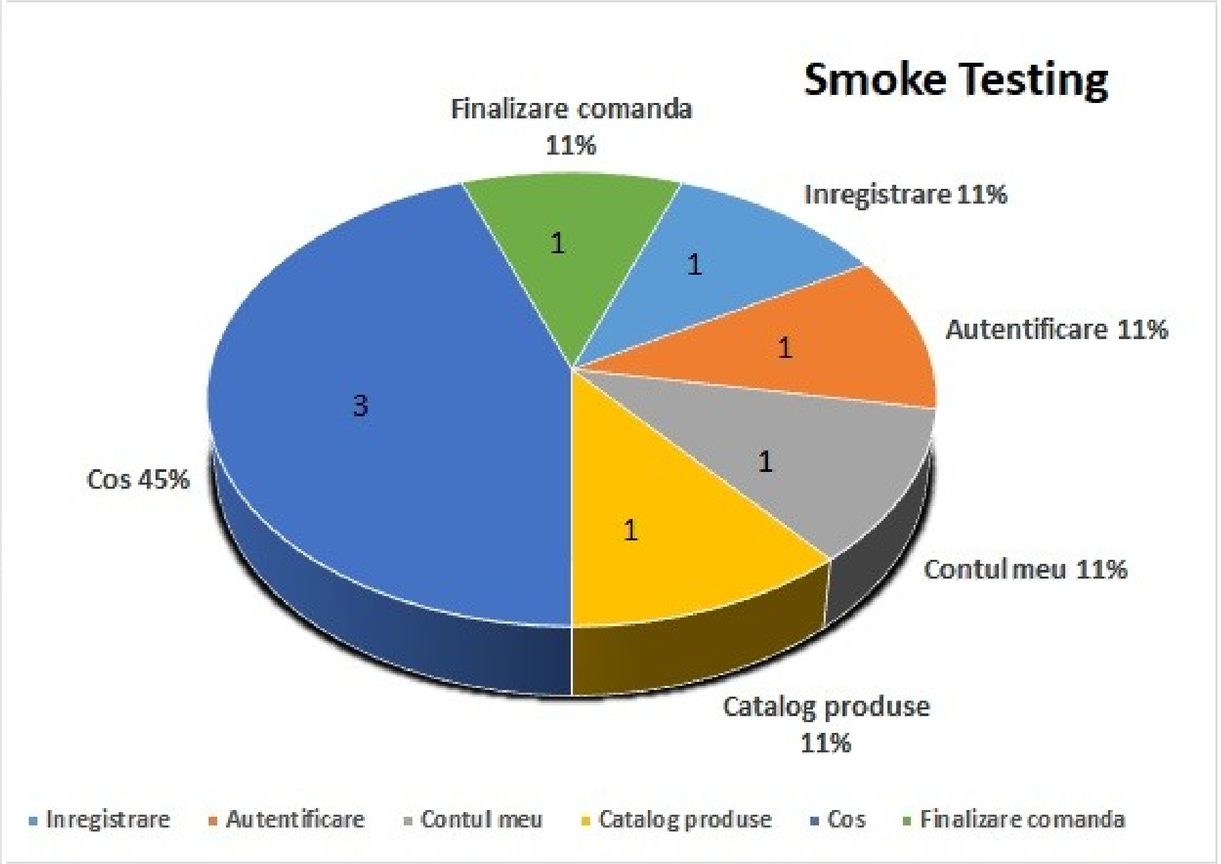

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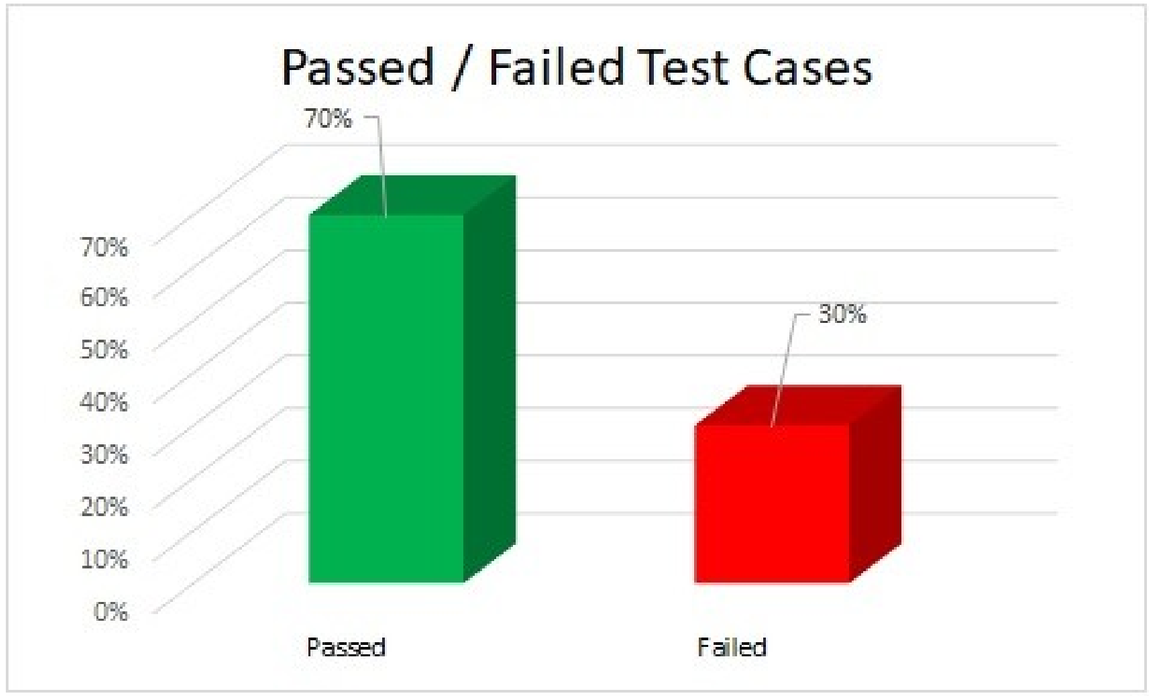
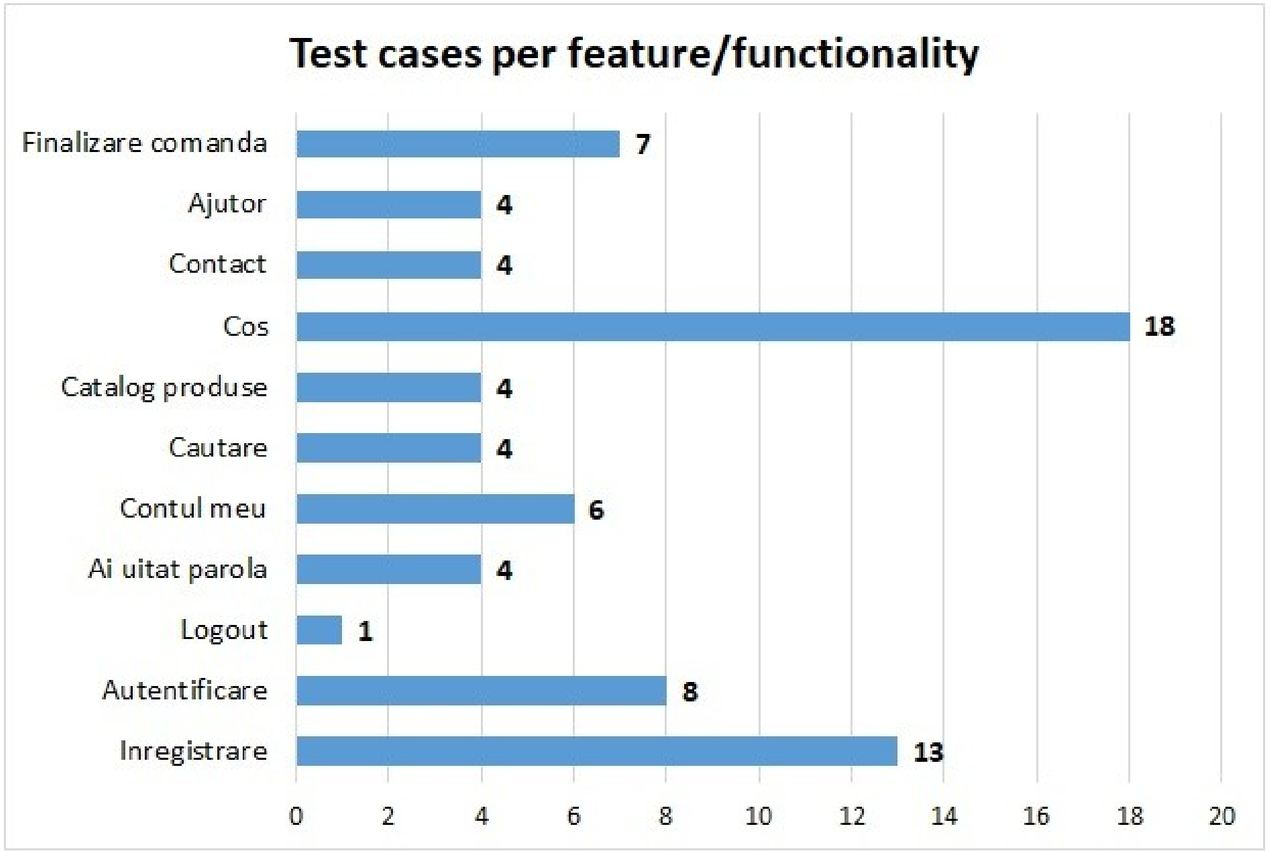
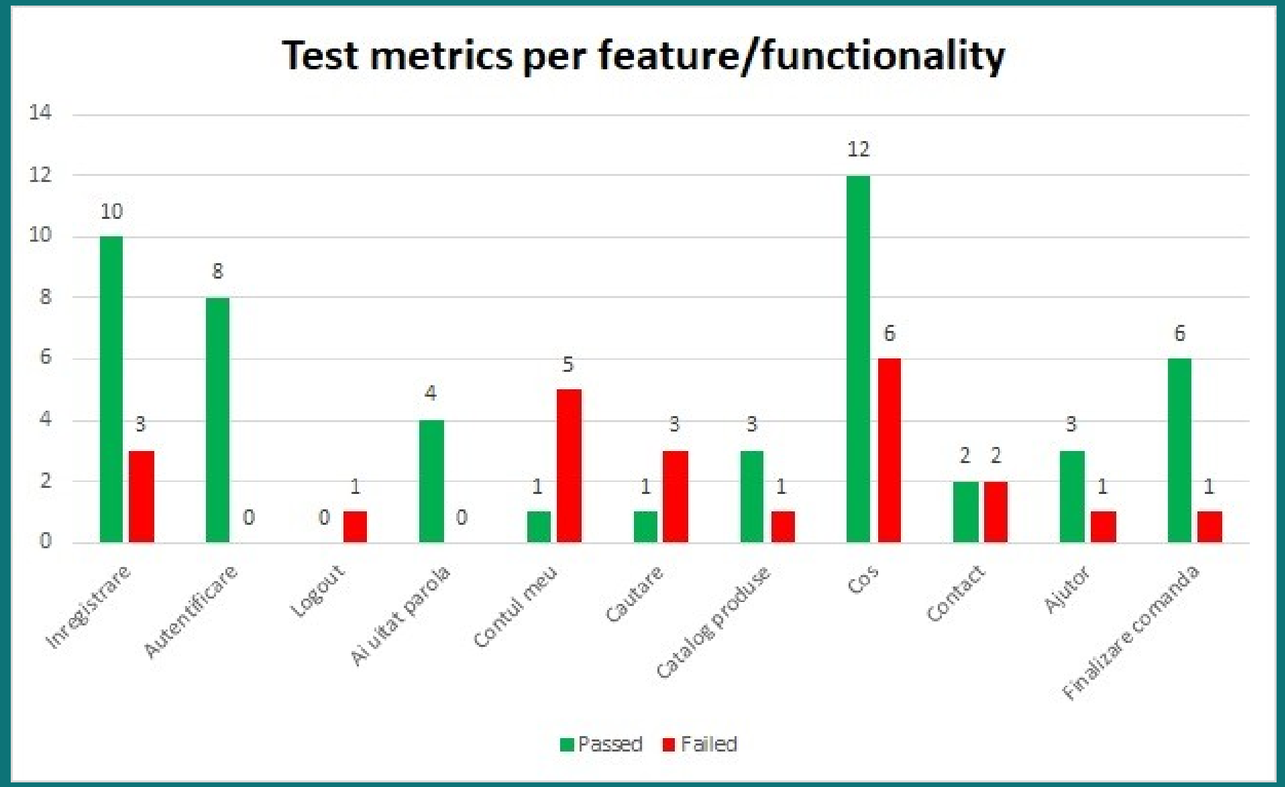
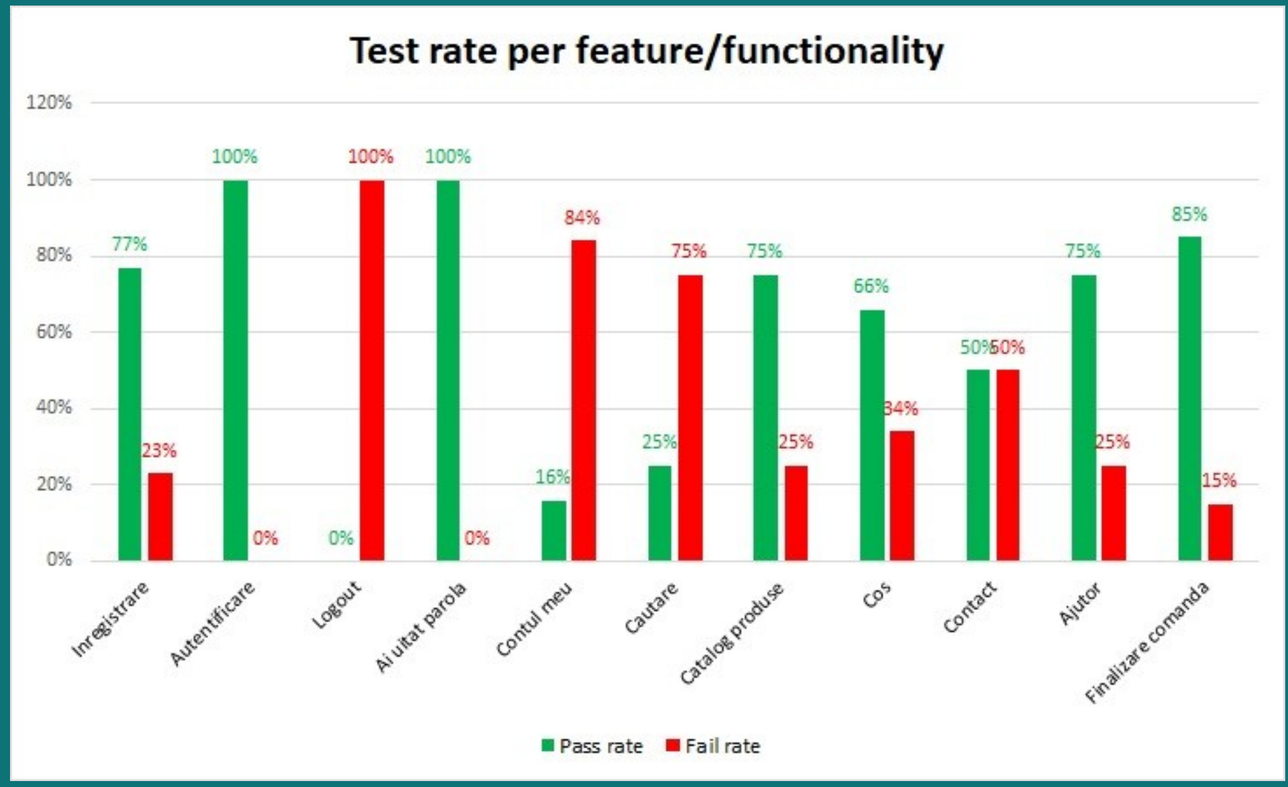


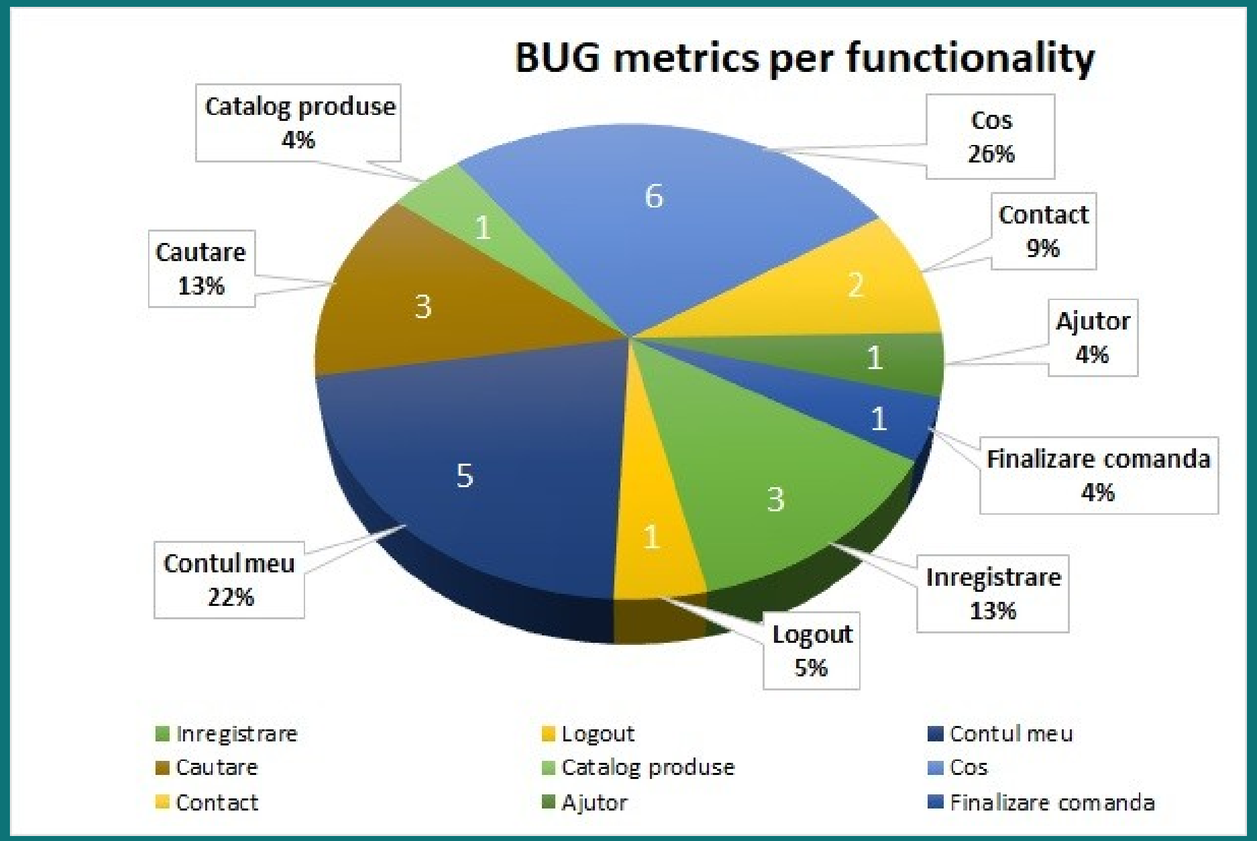
# TEST CASES RESULTS

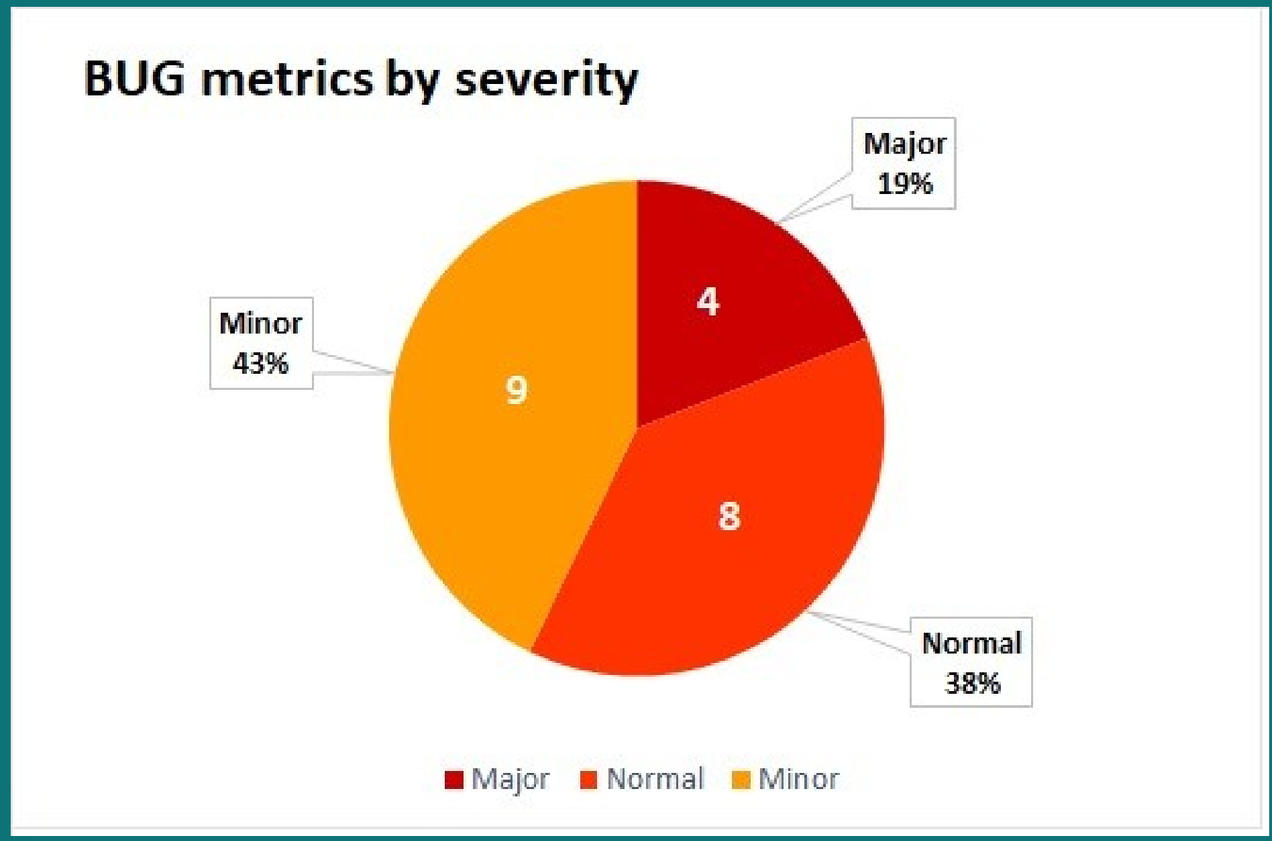



A total of **88 test cases** have been designed for this session and 88 (100%) - all of them were executed: **62 test cases passed** and **26 test cases failed**. “Cos” feature has been identified as the section with the highest number of bugs identified during testing (6). The severity of these bugs is from major to minor.

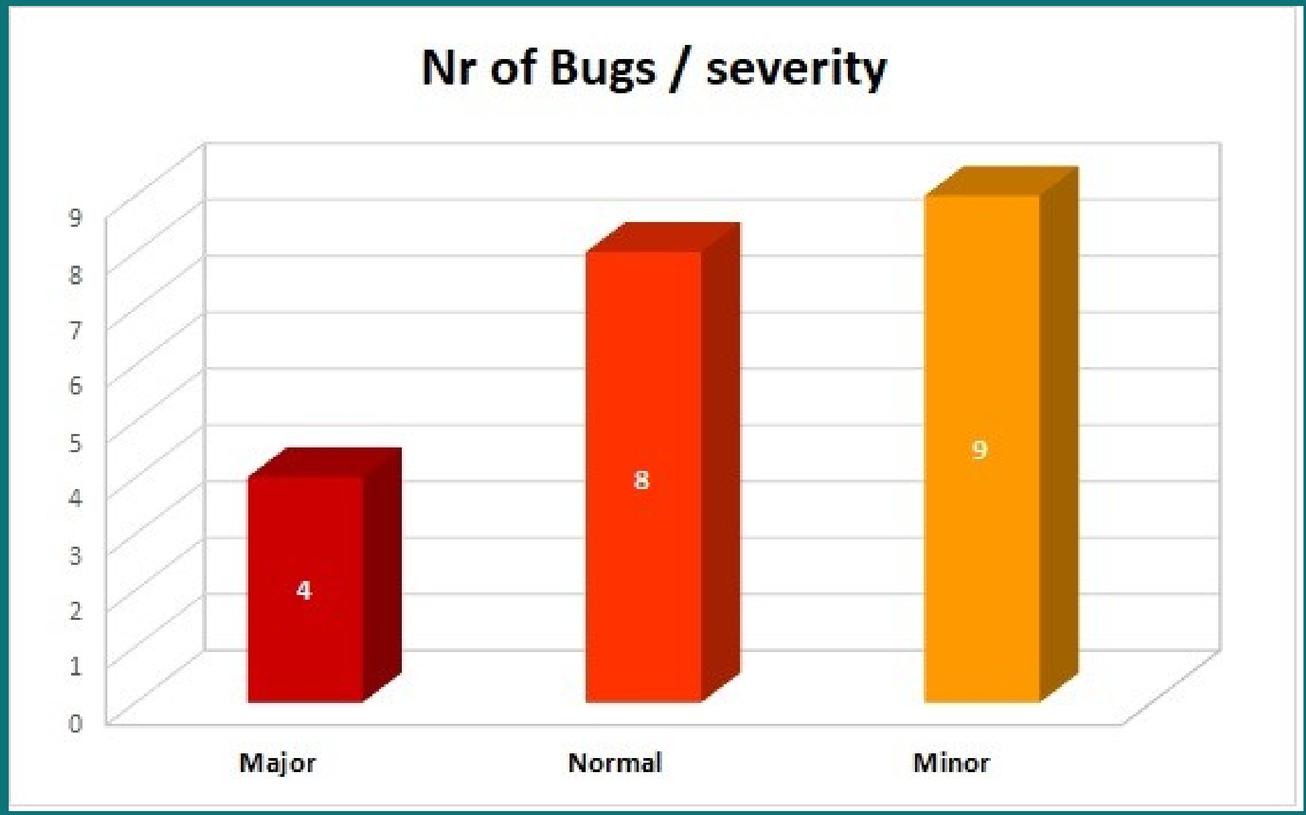
# BUGS OVERVIEW

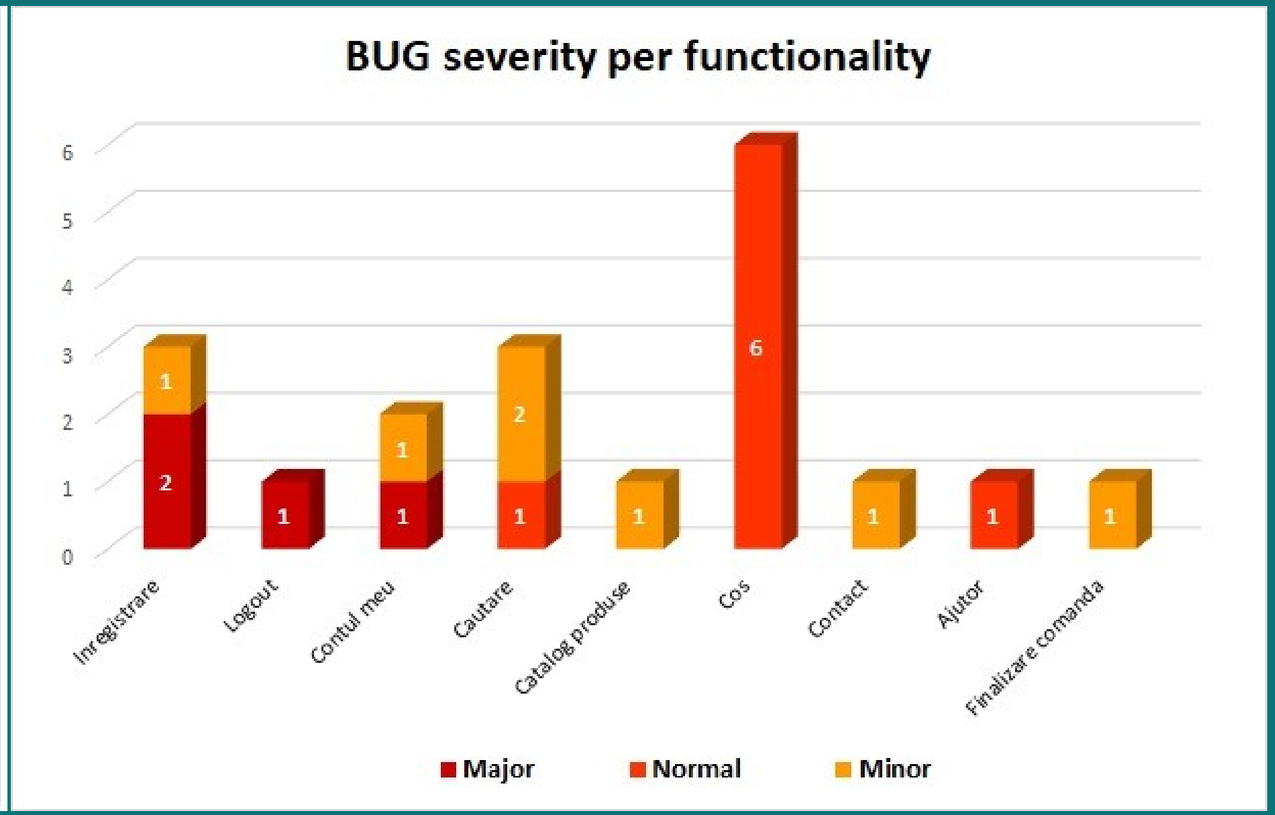



A total number of **21 Bugs** were identified: 4 major, 8 normal and 9 minor severity affecting **26 test cases**. There were **18 defecta** and **3 Improvements** logged into Mantis Bug Tracker. Most of the bugs were identified by performing Exploratory Testing and Negative Testing, in “Cos”, “Cautare” and “Inregistrare” functionalities.

# BUGS OVERVIEW



# Conclusions

A total of **88 Test Cases** were executed,
**62 passed** and **26 failed**

**21 Bugs** identified: 4 major, 8 normal and 9 minor, affecting 26 test cases. Most of the bugs were identified performing Exploratory Testing and Negative Testing, in “Cos”, “Cautare” and “Inregistrare” functionalities.

The system has a significant number of issues, that affect various areas, including **registration, shopping cart, my account** and **search** option.

The issues and the **lack of validation** for input fields could lead to incorrect data being inputted into the system database or the system not working as intended.

UI/UX elements are not properly developed - warning messages misspelled, the lack of information, pages or buttons.

Shopping cart Bugs, such as incorrect item quantities, pricing discrepancies, or inability to empty or update shopping cart, can discourage users from completing purchases.

From the user’s perspective, the website can be used for its intended purpose – user is able to create account, login, navigate the website, search for products, add them to cart and place an order.

Identified bugs demonstrate that the website needs improvements to make it more accessible and user-friendly.

# Lessons learned

Always start with a plan!

Follow the main deadlines as much as possible to avoid delays

Write simple steps for designing test cases / reporting bugs and listen to the team manager directions

It was very helpful to stay in touch with the team, learning from their experience, sharing ideas and helping to overcome a deadlock

Double check as much as possible

The testing session helped me learn better time management, better organizing and better focusing on details and correlating data. I improved my testing skills and staying focused for a higher purpose.

# THANK YOU!