FINAL PROJECT -PRESENTATION-
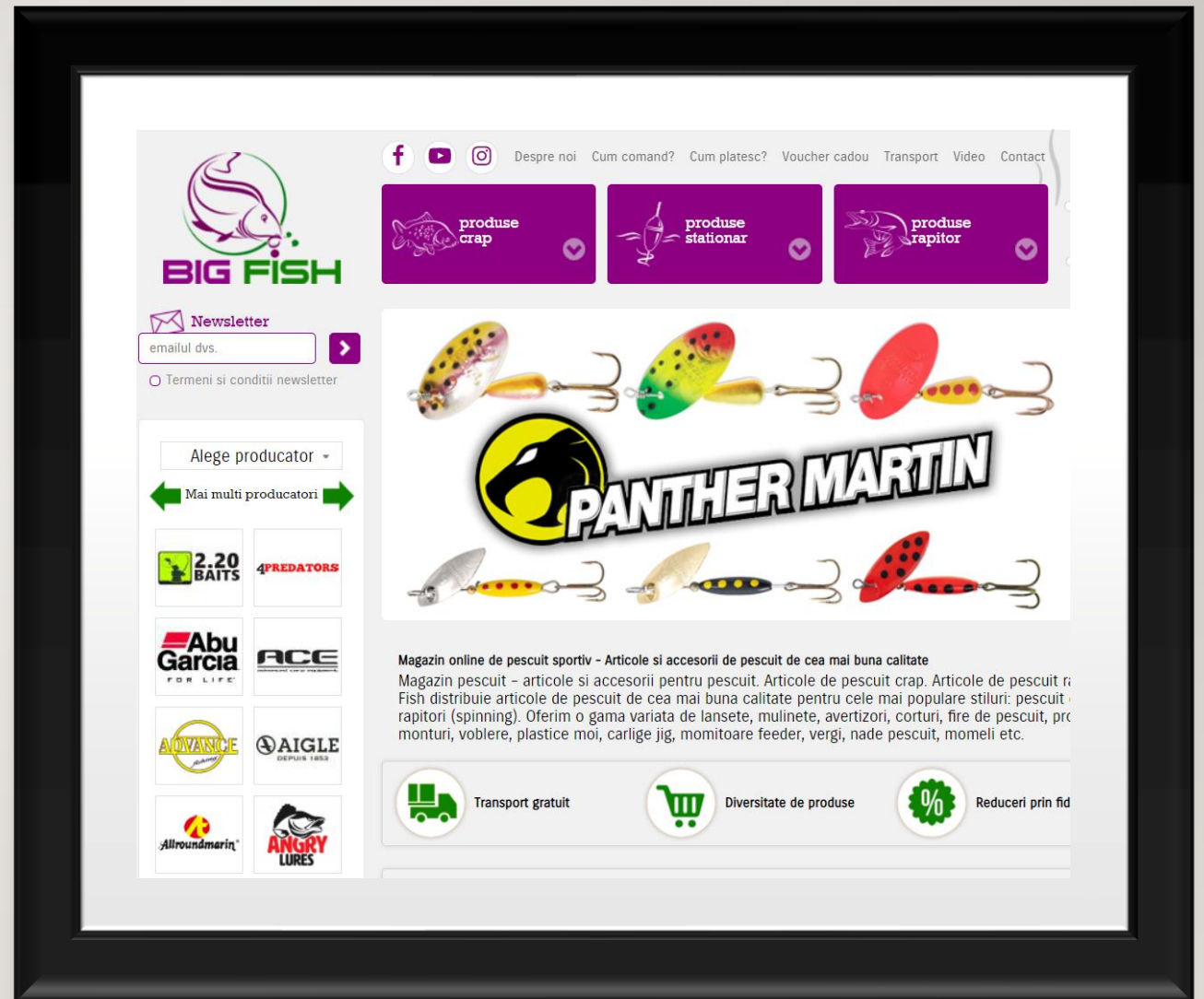
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AGENDA

- ❖ App Description
- ❖ Testing Approach
- ❖ Testing Tools
- ❖ Testing Types Covered
- ❖ Test Cases Overview
- ❖ Bugs Overview
- ❖ Test Cases Results
- ❖ Conclusions
- ❖ Lessons Learned

APP DESCRIPTION

BIGFISH (https://www.bigfish.ro)

➢ Software application

➢ E-commerce website

➢ International retailer, provides a wide range of fishing tackle for all categories of fish at affordable prices.
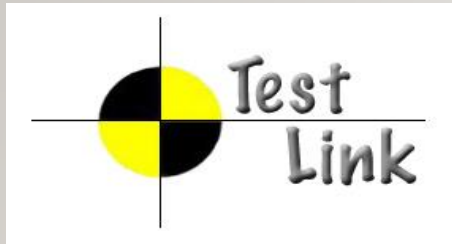
TESTING APPROACH

❖ Ad-hoc Testing (decide if the application is suitable for the project)

❖ Exploratory Testing for learning the application and discovering bugs

❖ Documenting the Exploratory Testing Session

❖ Planning the Testing process

❖ Designing Test Cases based on Functional/Non-functional requirements

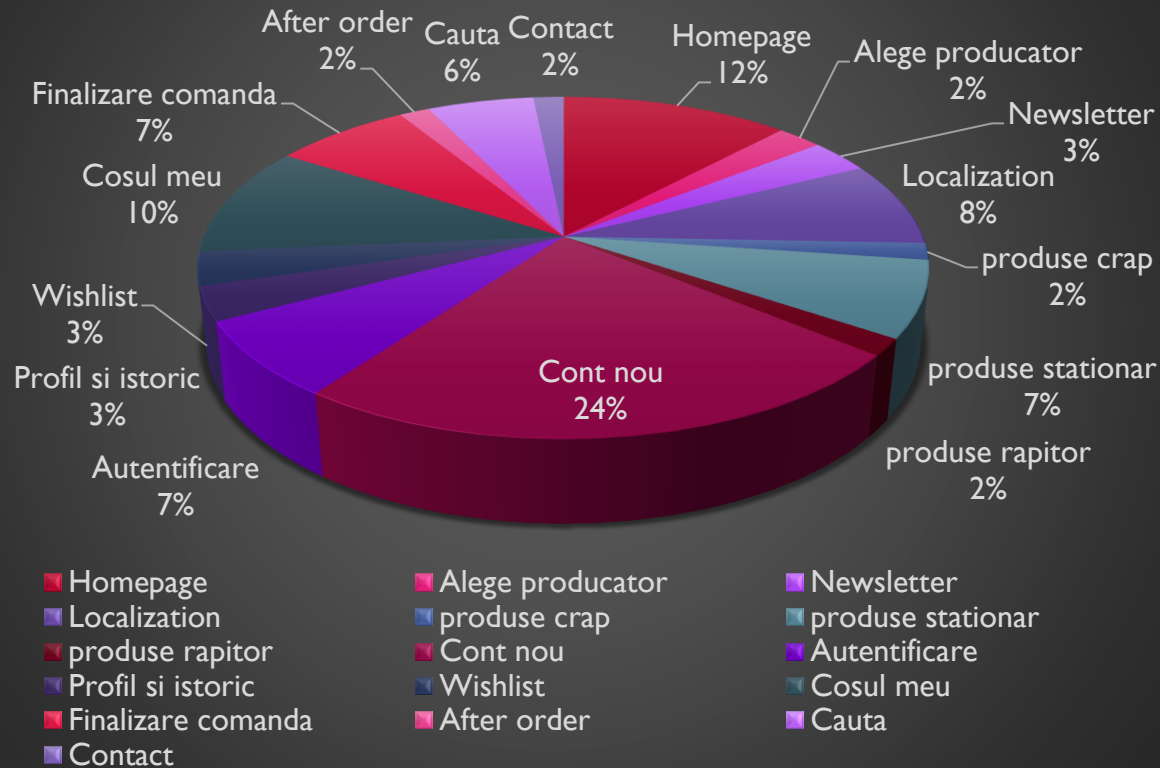❖ Executing Test Cases and Logging Defects
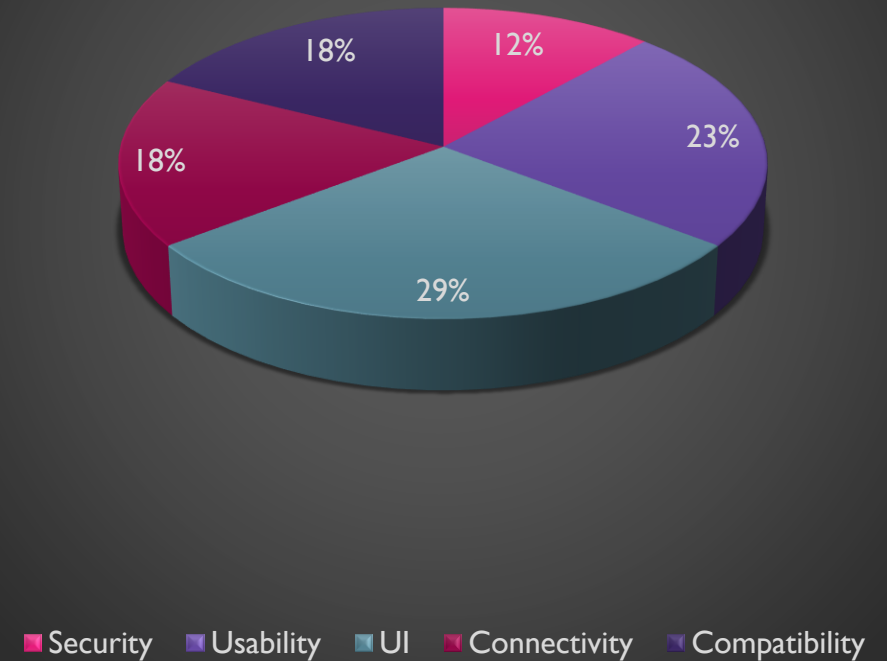
❖ Writing Test Report

TESTING TOOLS

TESTING TYPES COVERED

A total of **142 Test Cases** → **125** (88%) **Functional testing** and **17**(12%) **Non-functional testing**

FUNCTIONAL TESTING BY FEATURE

After order 2%
Cauta 6%
Contact 2%
Homepage 12%
Alege producator 2%
Newsletter 3%
Localization 8%
produse crap 2%
produse stationar 7%
produse rapitor 2%
Cont nou 24%
Autentificare 7%
Profil si istoric 3%
Wishlist 3%
Cosul meu 10%
Finalizare comanda 7%

- Homepage
- Alege producator
- Newsletter
- Localization
- produse crap
- produse stationar
- produse rapitor
- Cont nou
- Autentificare
- Profil si istoric
- Wishlist
- Cosul meu
- Finalizare comanda
- After order
- Cauta
- Contact

NON-FUNCTIONAL TESTING

12%
23%
29%
18%
18%

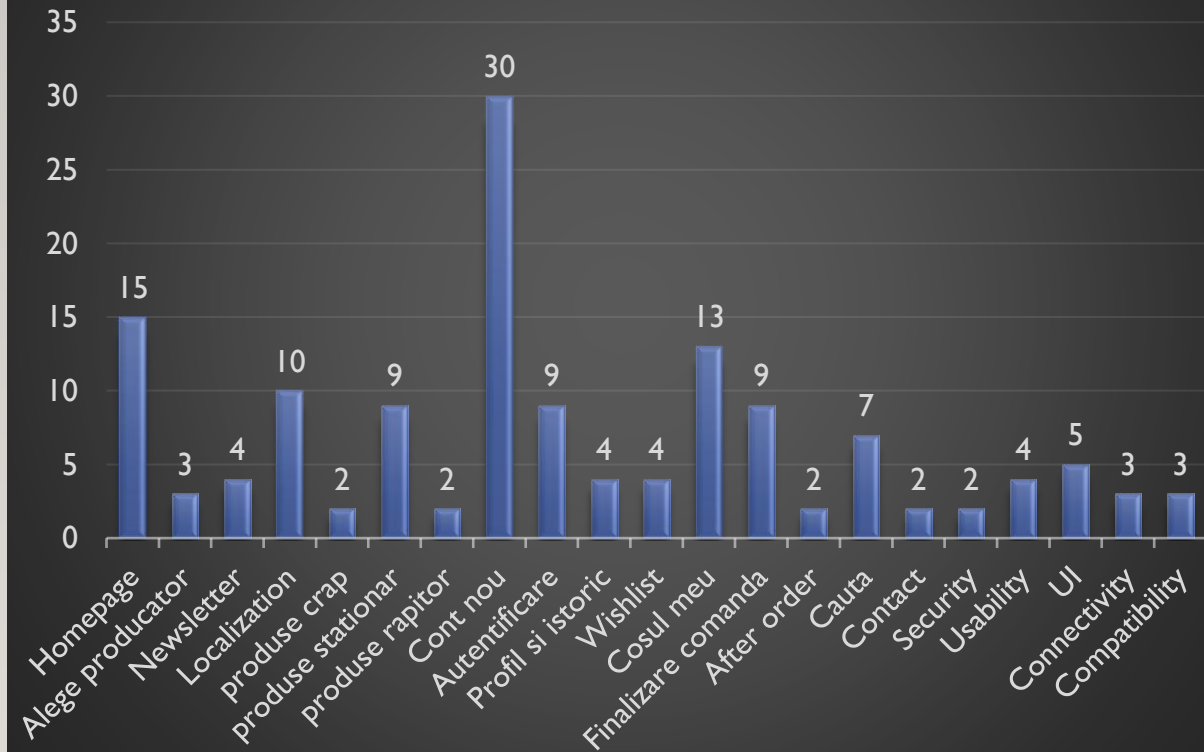- Security
- Usability
- UI
- Connectivity
- Compatibility

Other testing types used: **Exploratory, Smoke, Black-box, Localization, Positive, Negative, Manual and Dynamic**

Testing levels applied: **Component testing,Integration testing,System testing and System integration testing**
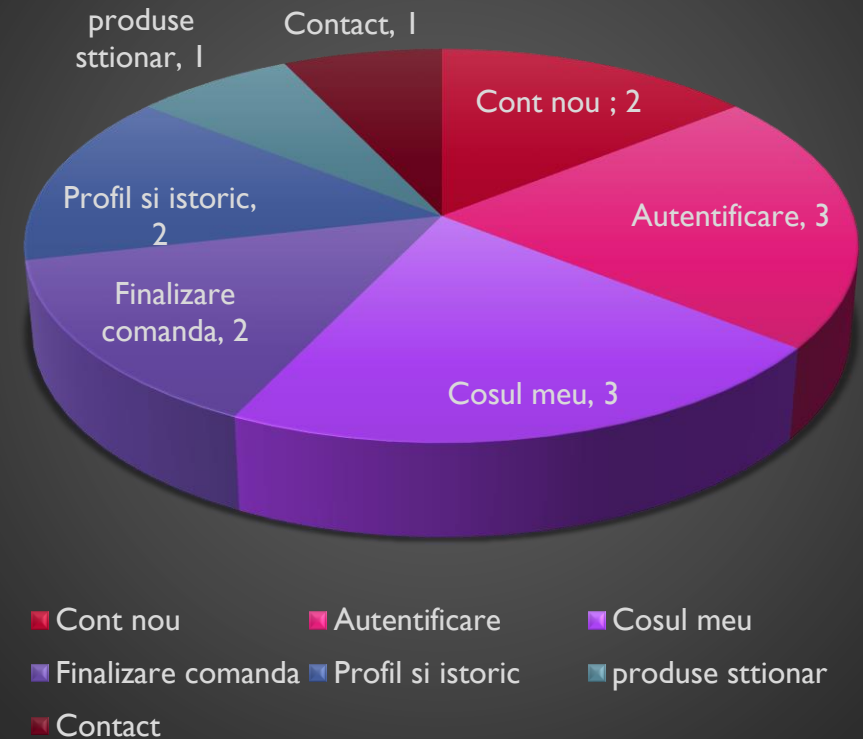
TEST CASES OVERVIEW

A total of **142** test cases designed for this session and **142** (100%) were **executed**

Out of a total of **142** test cases, **14** (9.85%) test cases were selected to form the **Smoke Suite**

TESTING TYPES PER FUNCTIONALITY/FEATURE

Values by feature:
- Homepage: 15
- Alege producator: 3
- Newsletter: 4
- Localization: 10
- produse crap: 2
- produse stationar: 9
- produse rapitor: 2
- Cont nou: 30
- Autentificare: 9
- Profil si istoric: 4
- Wishlist: 4
- Cosul meu: 13
- Finalizare comanda: 9
- After order: 2
- Cauta: 7
- Contact: 2
- Security: 2
- Usability: 4
- UI: 5
- Connectivity: 3
- Compatibility: 3

SMOKE TEST BY FEATURE

- produse sttionar, 1
- Contact, 1
- Cont nou ; 2
- Autentificare, 3
- Profil si istoric, 2
- Finalizare comanda, 2
- Cosul meu, 3

Legend:
- Cont nou
- Autentificare
- Cosul meu
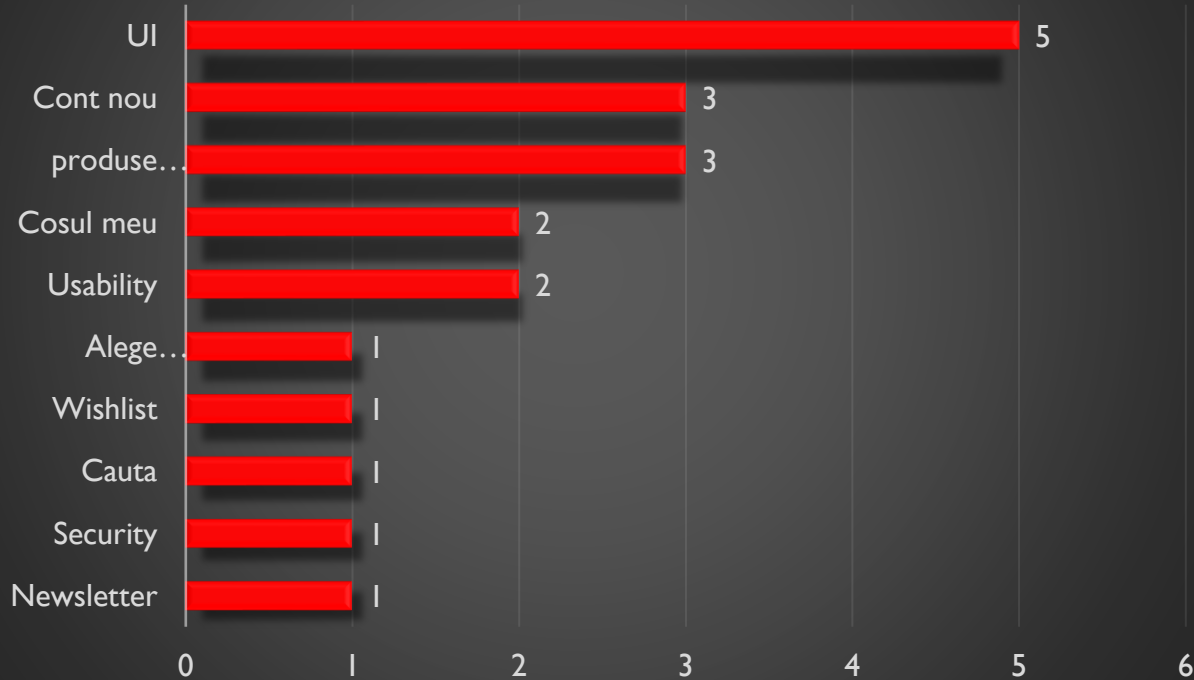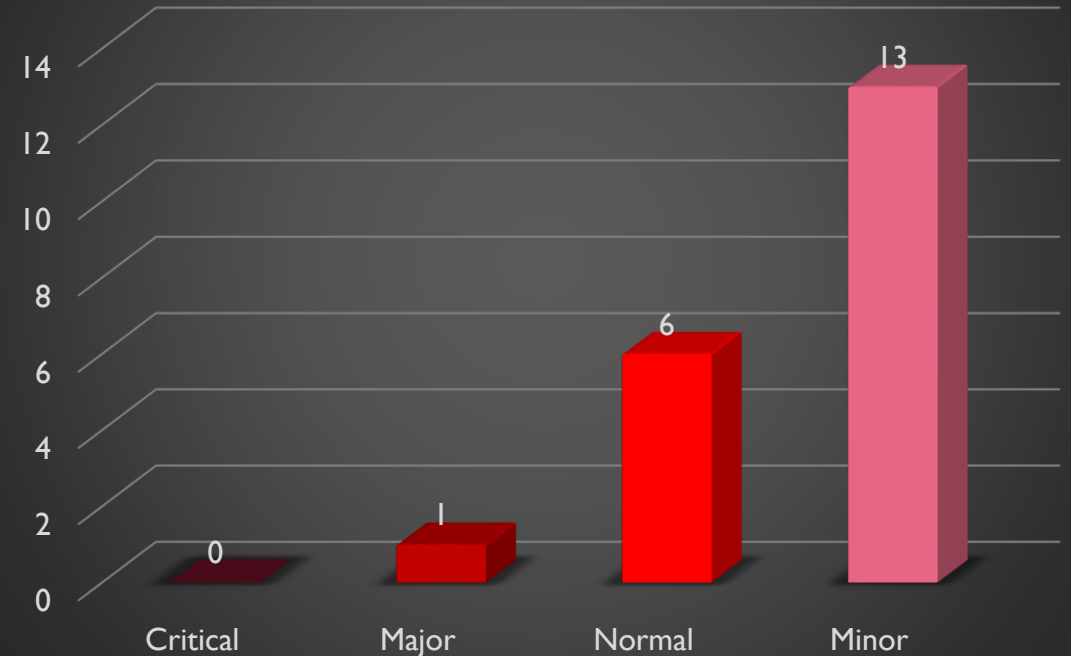- Finalizare comanda
- Profil si istoric
- produse sttionar
- Contact

BUGS OVERVIEW

➢ **20 defects** identified (**1 Major, 6 Normal, 13 Minor**)

➢ **2 improvements** proposed (adding option for user to cancel the order and adding info message to inform the user that is not possible to update quantity with negative numbers)
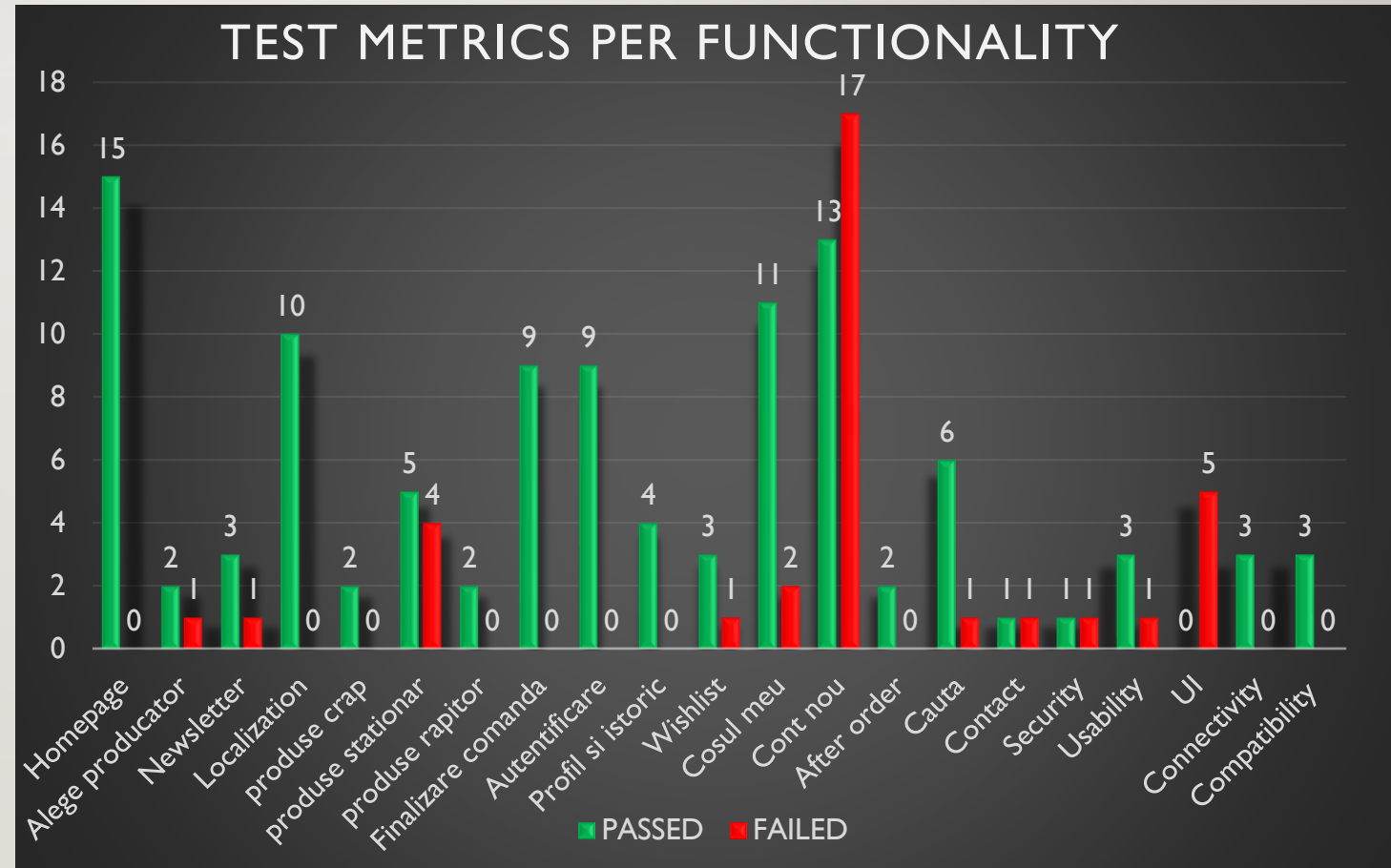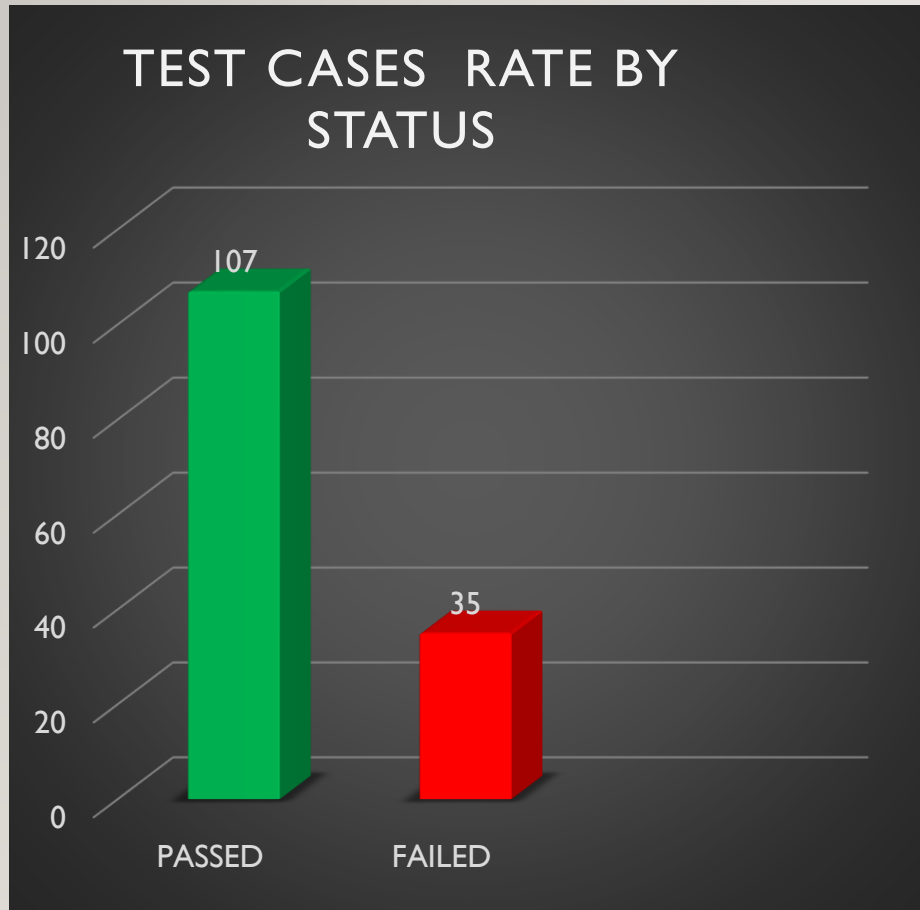
DEFECTS RATE PER FEATURE

Feature	Value
UI	5
Cont nou	3
produse…	3
Cosul meu	2
Usability	2
Alege…	1
Wishlist	1
Cauta	1
Security	1
Newsletter	1

DEFECTS RATE BY SEVERITY

Severity	Value
Critical	0
Major	1
Normal	6
Minor	13

TEST CASES RESULTS

Out of **142** test cases, **107**(75%) **passed** and **35**(25%) **failed**

CONCLUSIONS

➢ **From a user 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

➢ **Most of defects** were identified in **UI** area and **„Cont nou"** section, but **they are not grave** defects, so do not inerfere with the correct functionality of the website

➢ **I would recommend** this website to be used as its major functions work good enough for user to fulfill the need of buying fishing tools and products online and does not raise any major security concerns

➢ **Test coverage →70 %**

LESSONS LEARNED

➢ Before starting testing a good test plan is absolutely   necessary
➢ It would be good to double check before doing any action
➢ Teamwork is very beneficial and useful in testing
➢ It is very useful to keep in touch with colleagues, they can help you when you are in a deadlock and have no idea how to handle a certain situation.
➢ The course homework was very useful for making this project

The End

→ *For your attention and your support throughout the 4 months spent together*