



Web Application Testing Adinish

Final Project

Graduate:
Miresan Sonia-Florina

Agenda

- **Application Description**
- **Testing Approach**
- **Tools Used**
- **Testing Types**
- **Bugs Overview**
- **Test Rate Per Functionality**
- **Test Cases Results**
- **Conclusions**
- **Lessons Learned**

Application Description

- Adinish.com
- Web application
- Online store specialized in selling Baby & Maternity products
- International shipping



Adinish
_____.com





Testing Approach

- Ad-hoc Testing – determine if the application is worth further testing
- Smoke Testing – structured to test the website's main functionalities
- Exploratory Testing – learn how the application works
- Planning the Testing process
- Designing and executing Test Cases based on Functional requirements
- Bug Reporting
- Writing the Test Report

Tools Used



Bug Reporting



TestLink Test Cases Management



Screenshots Capture



Screen Recording



Test Report



Test Data

Testing Types

FUNCTIONAL TESTING

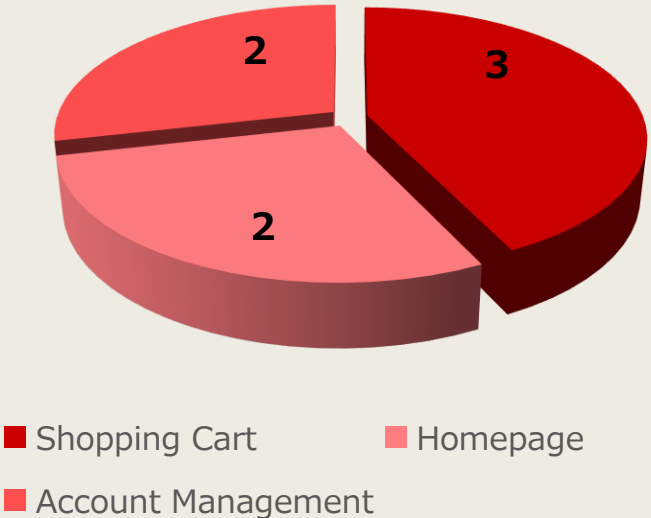
- Smoke Testing
- Exploratory Testing
- Negative Testing
- Positive Testing

NON-FUNCTIONAL TESTING

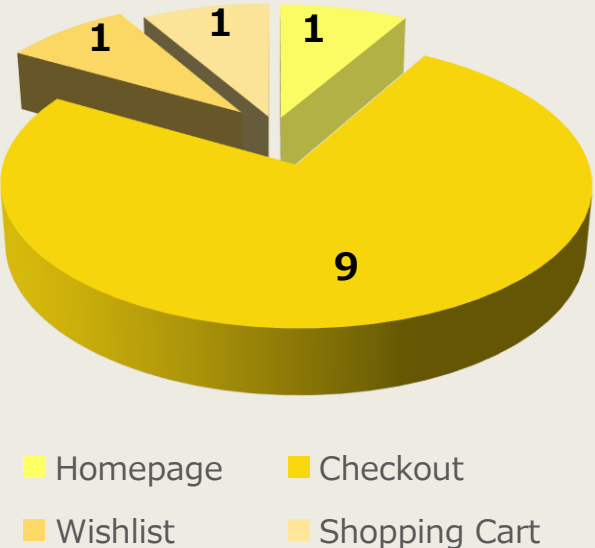
- UI Testing
- Compatibility Testing
- Connectivity Testing

Bugs Overview

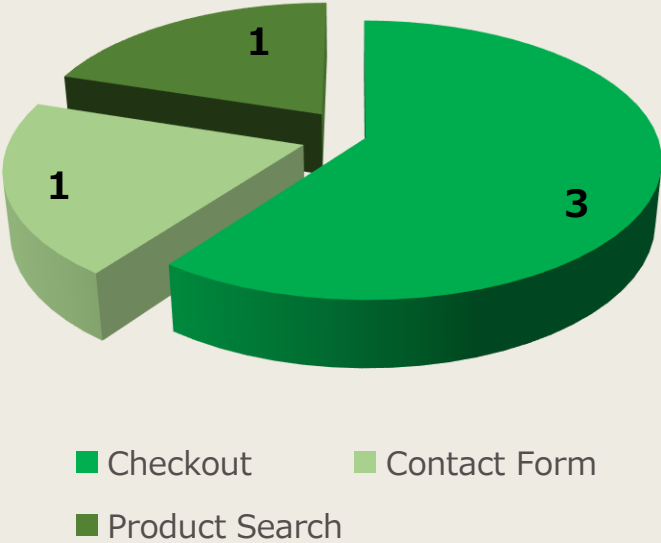
7 Major Bugs



12 Normal Bugs



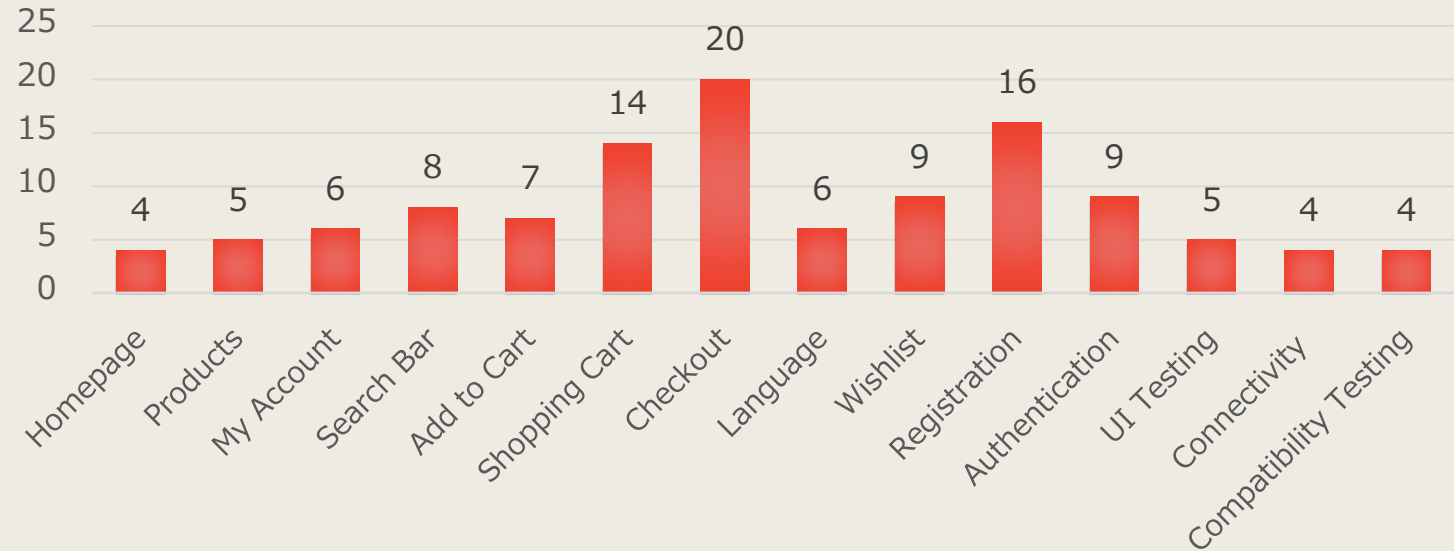
5 Minor Bugs



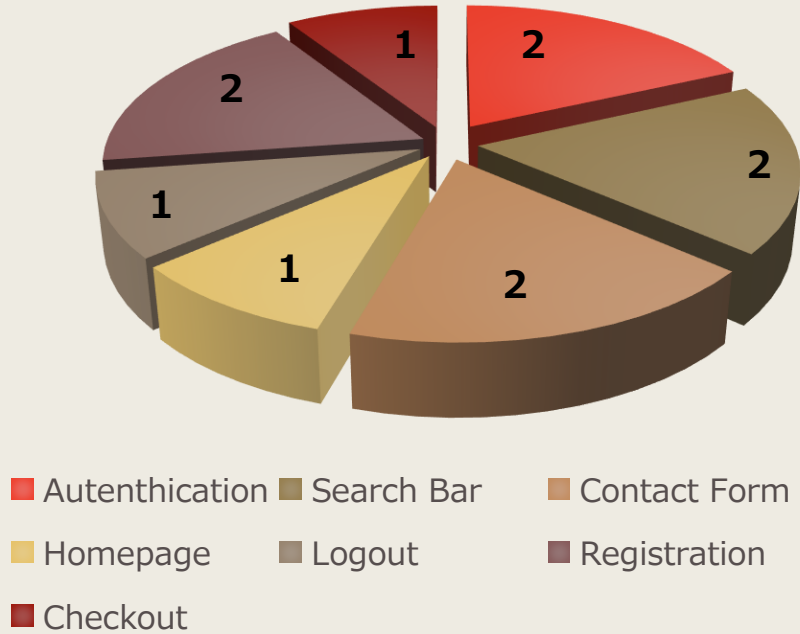
TOTAL: 24 BUGS

Test Rate Per Functionality

TEST CASES PER
FUNCTIONALITY/FEATURE

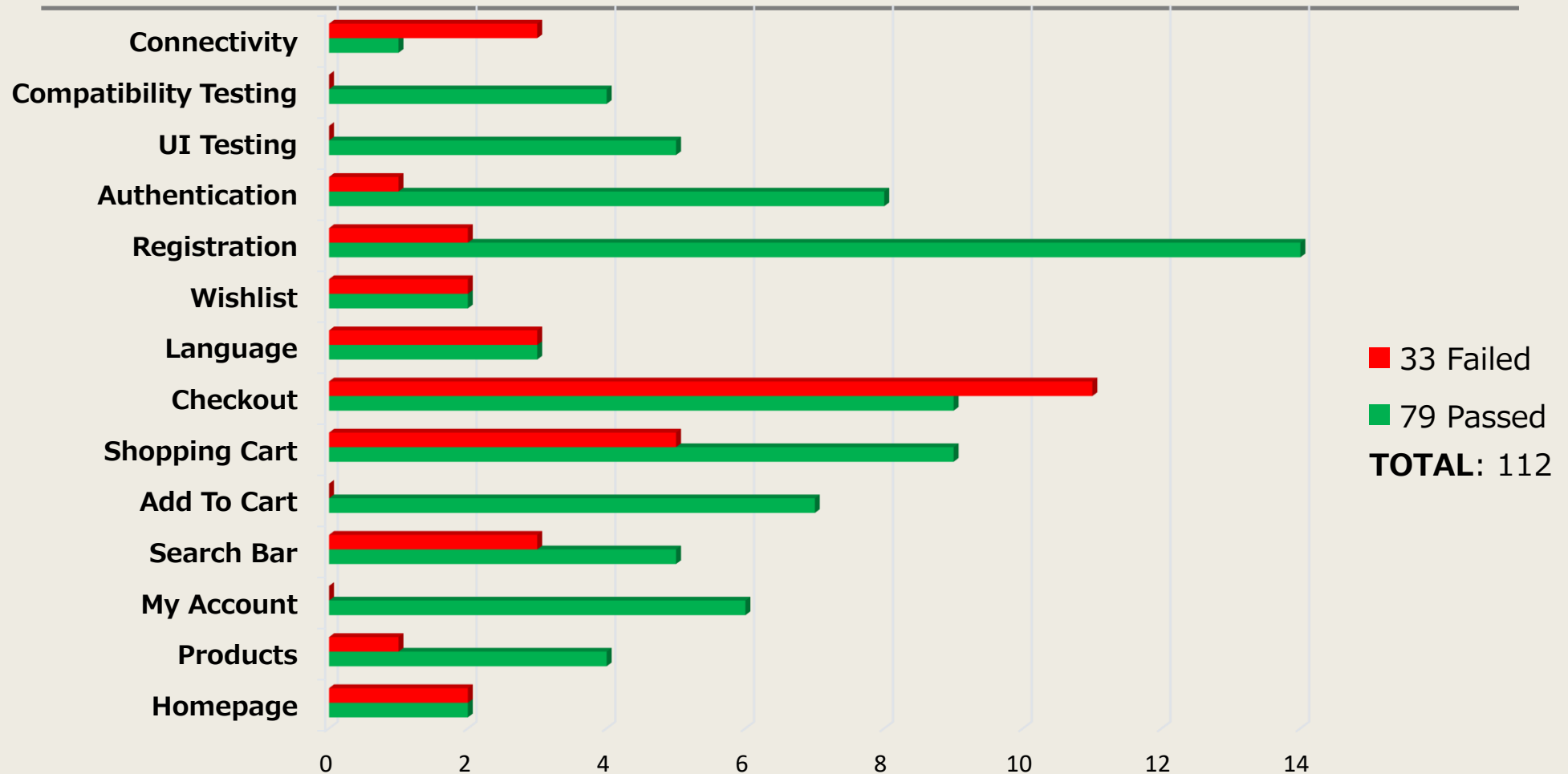


SMOKE TEST BY FEATURE



A total of **112** test cases were designed for this session and **112** (100%) were **executed**.
Out of **112** test cases, **11** (9.82%) test cases were selected to form the **Smoke Suite**.

Test Cases Results



Conclusions

- 112 Test Cases were executed: 79 (70.54%) passed and 33 failed (29.46%)
- 24 bugs were identified: 7 major (29.17%), 12 normal (50%) and 5 minor (20.83%)
- Majority of the bugs were identified by performing Negative and Exploratory Testing
- Data types used during testing: Blank, Valid, Invalid, Big Data
- Fixing the major severity bugs is recommended
- Website can be used for its intended purpose

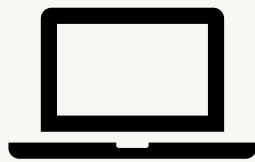
Lessons Learned

CHALLENGES

- The main challenge was finding a buggy app worth testing
- Lack of client requirements
- Keeping the bug report easy to follow
- Writing clear, simple and easy-to-understand test cases

LESSONS

- Exploratory Testing facilitates learning of main functionalities
- A good test plan is necessary before starting testing
- Invalid data helps in understanding that the functionality was not implemented correctly
- It is important to double-check before doing any action
- The testing process is complex and time-consuming



Thank you!