Testing for maximizing value and minimizing costs

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06.2023

About me

GRADUATED
Systems Engineer
Psychologyst

PRODUCE VIDEOS

+17 YEARS OF EXPERIENCE
Testing and Quality

WRITE ARTICLES AND BOOKS

CERTIFIED
IBM Rational Functional Tester
Fundamentals Software testing
Scrum Foundations

GIVE CONFERENCES

ACTIVELY PARTICIPATE IN THE TESTING COMMUNITY

RECOGNIZED
As digital leader by Globant
One of the most influential women in testing by Abstracta
Global Excellence Awards Finalist by ISTQB

Defining testing

- Take care user requirements
- Propose improvements
- Ask the right questions
- Provide objectivity and constructive feedback
- Get into paths that no one else has explored before
- Gain confidence in the software
- Help to mitigate risks

Demystifying testing

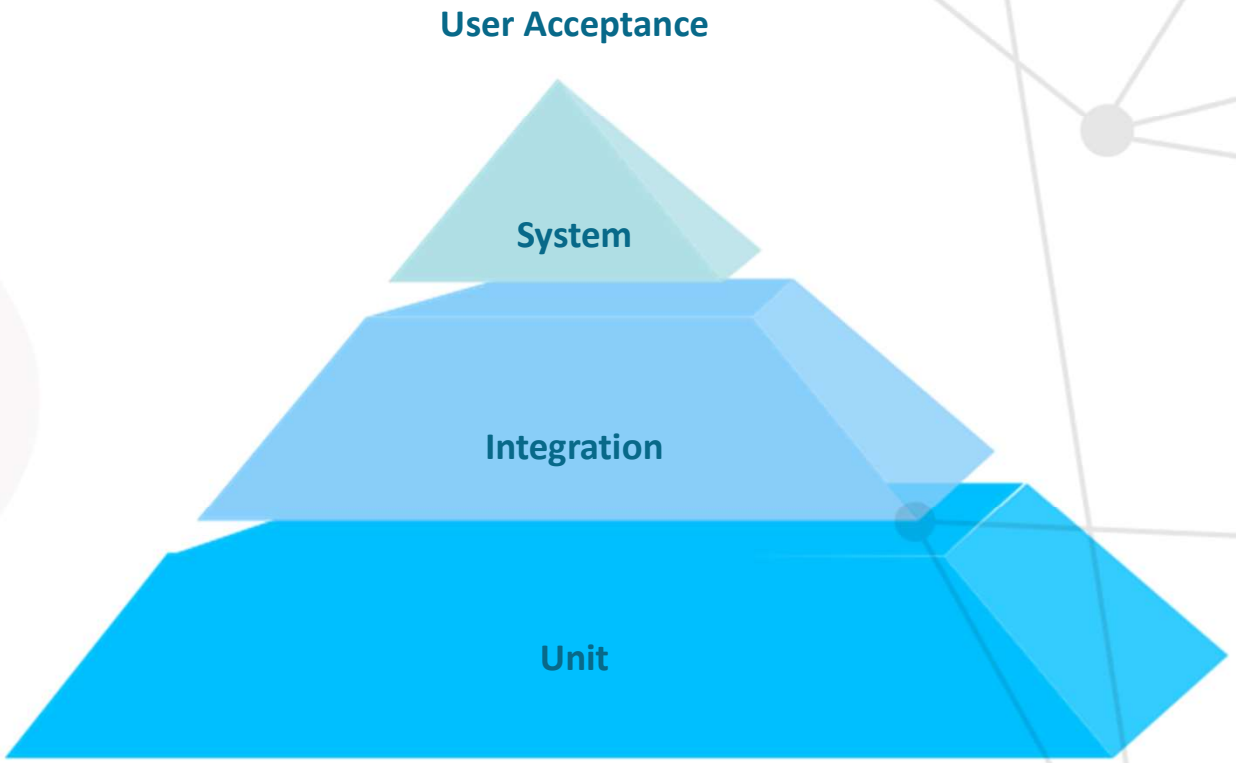
- Testing is a boring and monotonous task
- Testing is only done at the end of the project
- Only testers perform testing
- Too much time is wasted for documenting tests
- I prefer to hire a senior developer who delivers a quality product rather than hiring a tester
- Testing is an unnecessary expense

TYPES OF TESTING

Functional and non functional

- Portability
- Location
- Compatibility
- Performance
- Security
- Usability
- Accessibility

Test levels



Other types of tests

- Exploratory
- Regression
- Automated
- Static

TEST PRACTICES

Practices that help us save money

- Shift left testing
- Shift right testing
- Pairwise testing
- Risk based testing
- Agile practices (BDD, ATDD…)
- Continuous integration
- Test automation
- Virtualized environments
- Effective test data management
- Tools
- Configuration management
- Artificial intelligence

TESTING BENEFITS

The 10 most important benefits

1. Early detection of errors
2. Improved software quality
3. Risk reduction
4. Cost savings
5. Compliance with requirements and standards
6. Improve user experience
7. Facilitates software maintenance and evolution
8. Improved company image
9. Accelerated development cycle
10. Increased customer confidence

Learning from Mistakes: Real-Life Examples

CONCLUSIONS

QualisLab

Thank you!

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