

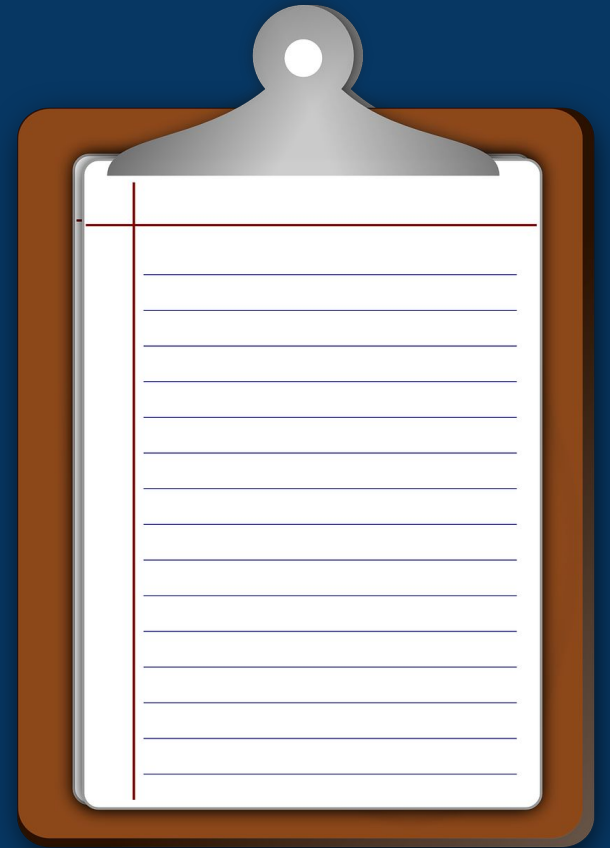
Creating dashboards to drive team conversations

Speaker: Melissa Fisher



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- 1. Introduction to me and the topic**
2. Examples of metrics and dashboards
3. What conversations do you want to have?
4. Reflection - Option to share



Introduction to me!

- Software Testing. She/Her.
- Creating awesome products!
- QE Lead at Vitrifi
- leanpub.com/testing_stories
- fishoutthebox.medium.com



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Metrics are numbers, and dashboards are pictures of those numbers.

Numbers are data.



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Why is data important?

1. Make informed decisions
2. Understand problems and find solutions
3. Back Up your arguments
4. Be strategic
5. Know you are on track



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- Pass and Fail Rates
- Number of Tests



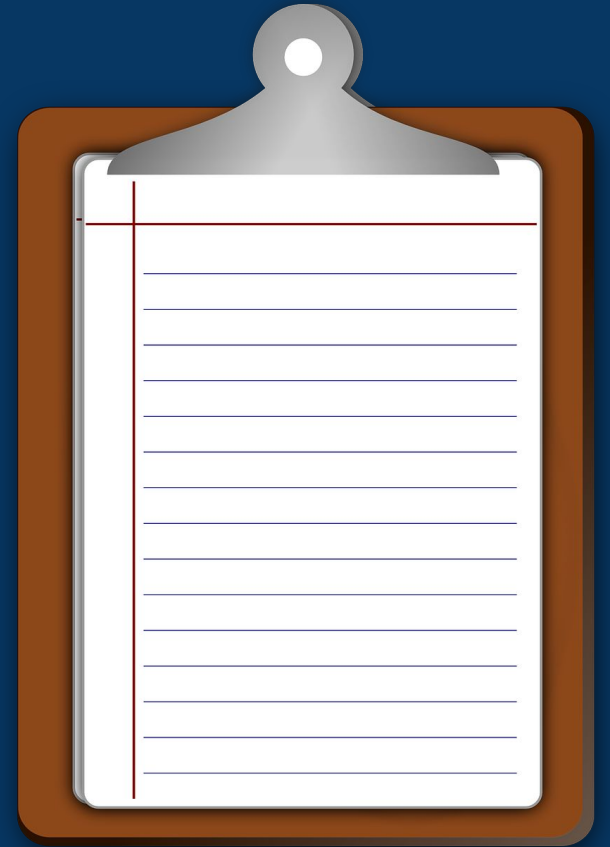
Summary of why

- Educate team members on what testing is about.
- To help make informed decisions, support strategies and make improvements.
- I like to experiment!



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Example 1: Risk baked regression strategy

Example 2: Holistic look at quality criteria

Example 3: Build up the data



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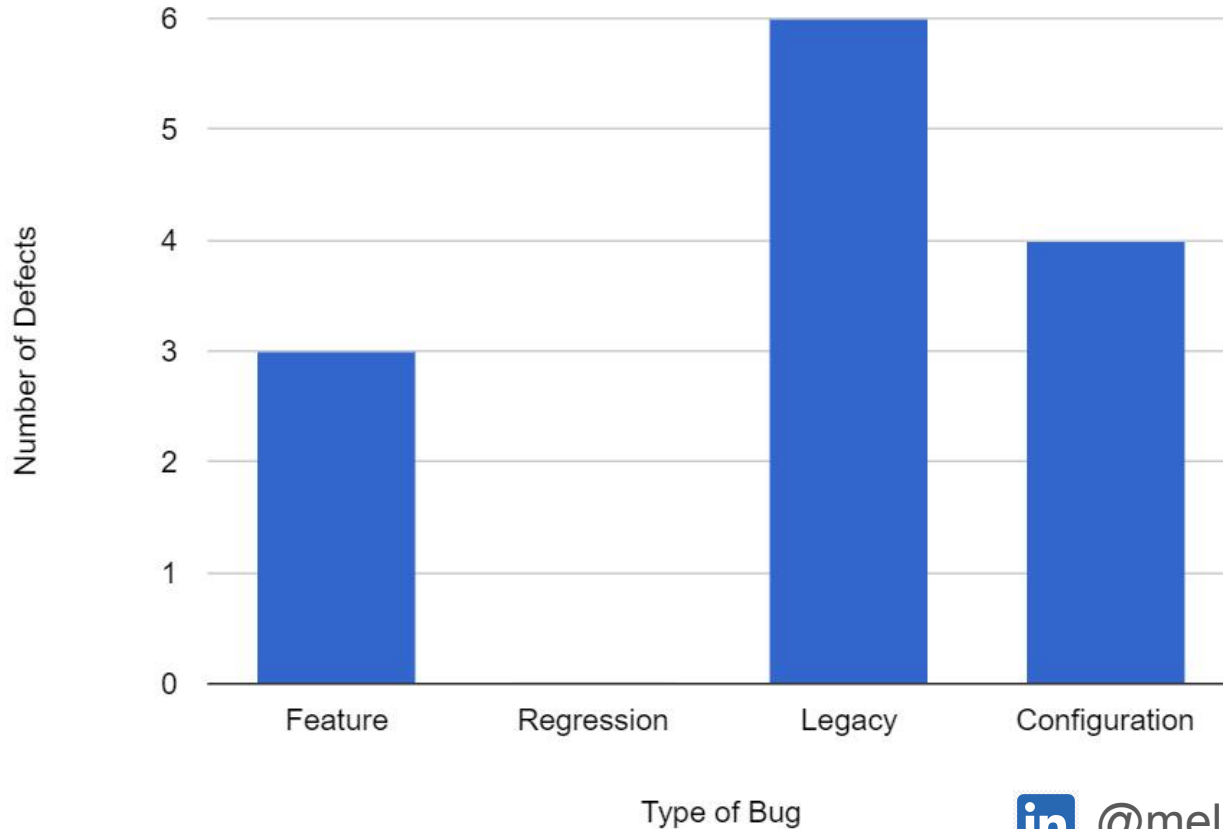
Example 1: Introduce risk based regression

- Regression taking 1 week
- Introduced new approach of running tests according to risk
- We are going to get more production bugs



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Risk Based Regression Strategy



Takeaways from risk based regression

- Opinions and thoughts are encouraged, however, data are facts!
- Math of Risk by Jenna Charlton was crucial to success



Reference: Club Discussion on Risked Based resources



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2: Holistic look at Quality Criteria

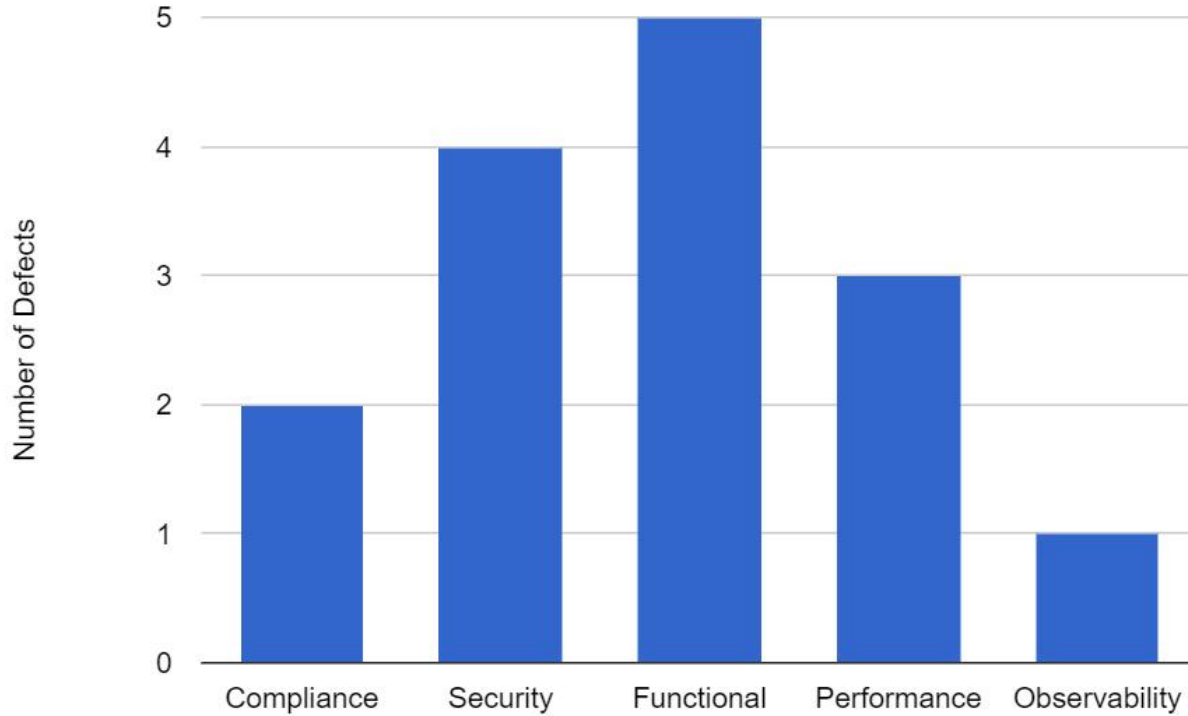
Looking at all quality criteria (functional and non functional)

Track the quality criteria of the bug.



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Quality Strategy



Quality Criteria

Takeaways from holistic strategy

- Conversations about quality criteria
- Gave my team confidence they could be more than functional testers
- Showcased to stakeholders what value we add



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3. Continuous Improvement: Building up the data!

- What environment
 - Dev
 - Test
 - Staging
 - Production
- What type of Issue
 - Feature - New capability
 - Regression - Break existing
 - Legacy - Old bug
 - Observation



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3. Continuous Improvement: Takeaways

- Lost the purpose
- Do I need to have data to showcase a shift left strategy?
Probably not.
- What data would be important to gather?
- Back to square one - what's my next experiment?



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Types of conversations

Stakeholder



Goals



Improvement



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What are your quality standards?

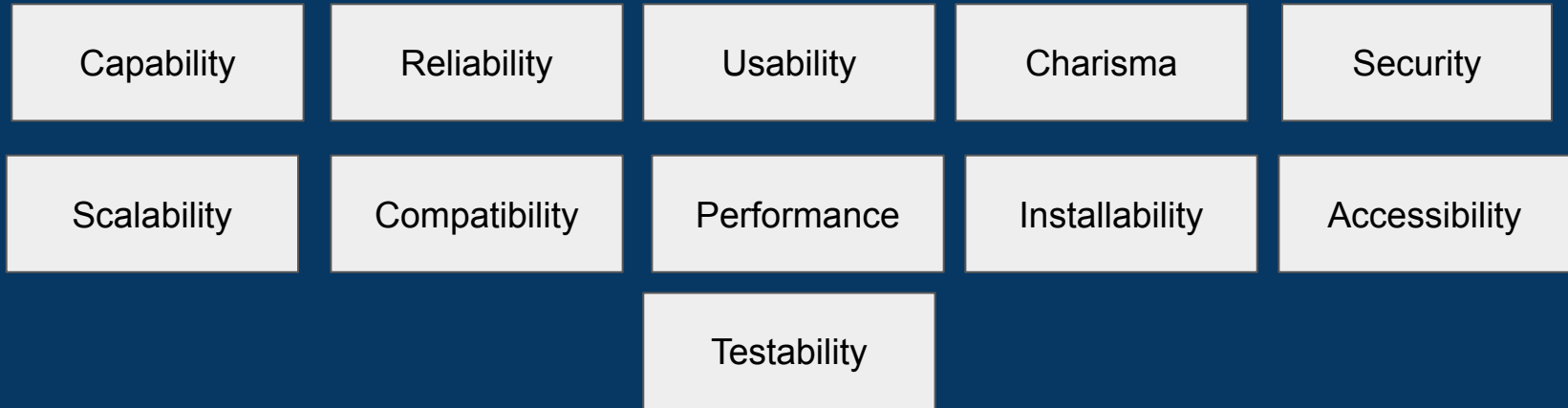
External Quality Standards
E.g. GDPR

Internal Quality Standards
E.g. Exit criteria



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Quality Criteria - Where are you right now?

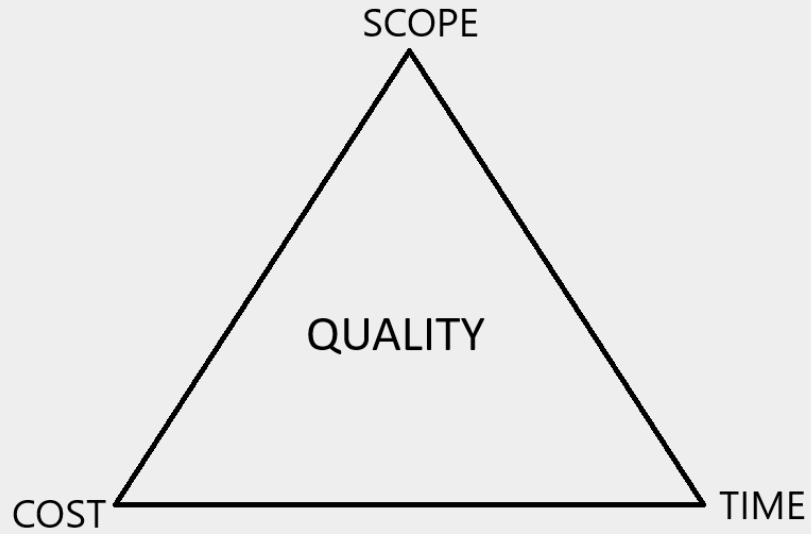


Time - What slows you down?



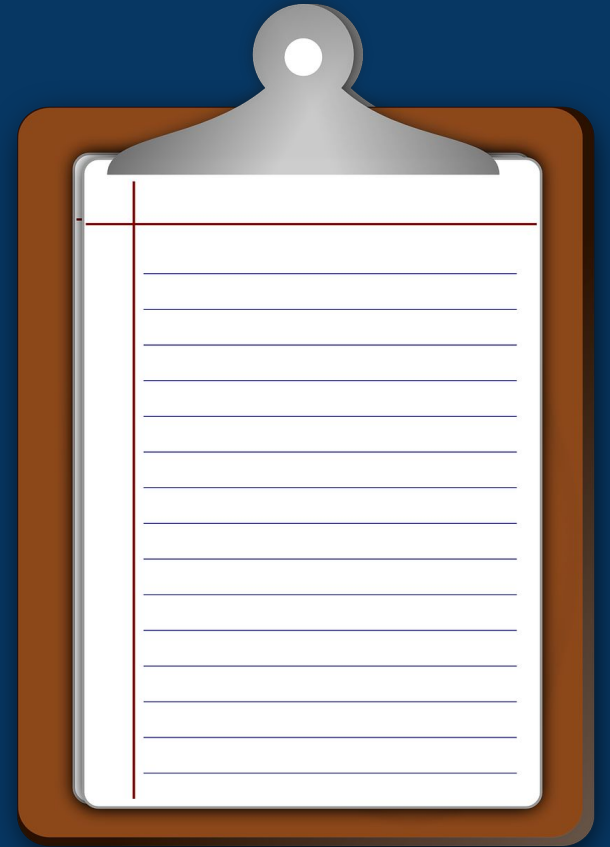
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Scope - How much?



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4. **Reflection - Option to share**



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Self reflection questions to end

- What metrics and dashboards do you currently have?
- Are they top down or bottom up?
- What are they telling you?
- What are they not telling you?
- What do you want as a team - what are your goals?
what do you want to improve?



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Q & A



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References

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<https://club.ministryoftesting.com/t/risk-based-testing-resources/44859>
6. Dashboards in excel:
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7. Jira Dashboard: <https://idalko.com/jira-dashboards/>



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