

bugs'a'loud

QA Meetup

Hackathons for testers

Lessons learnt

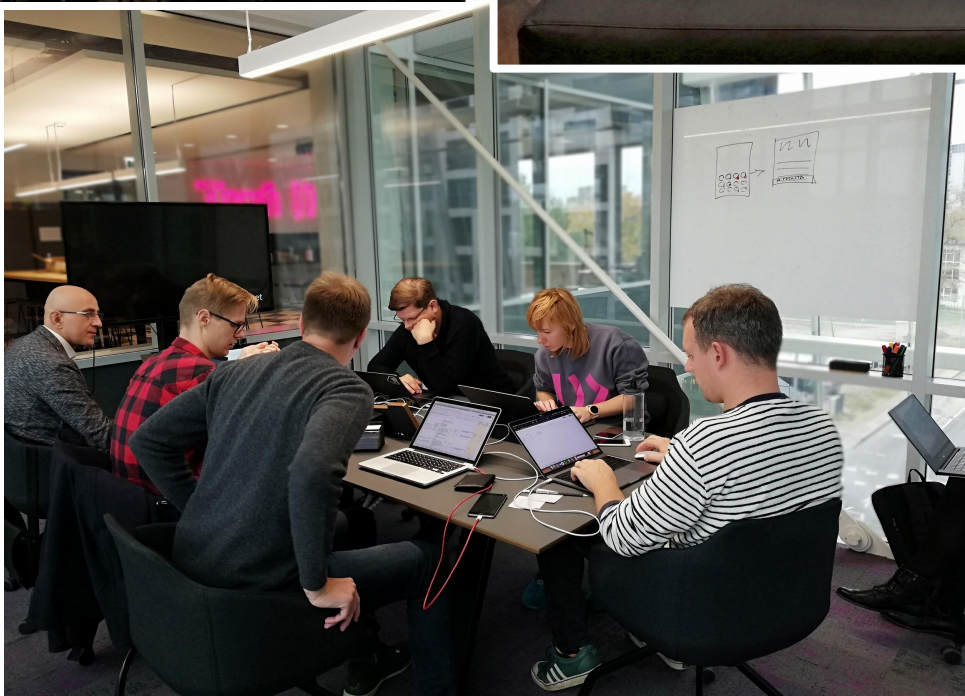
transferGo[™]

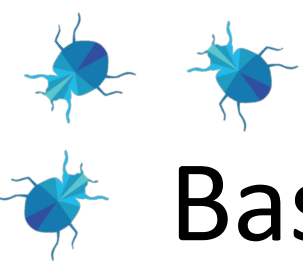
Trafi I>>



Retrospective







Basic stats

1st event

2nd event



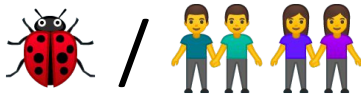
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13



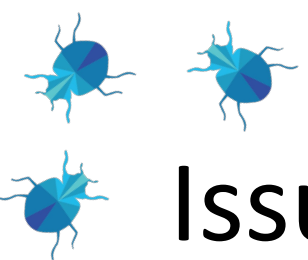
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526

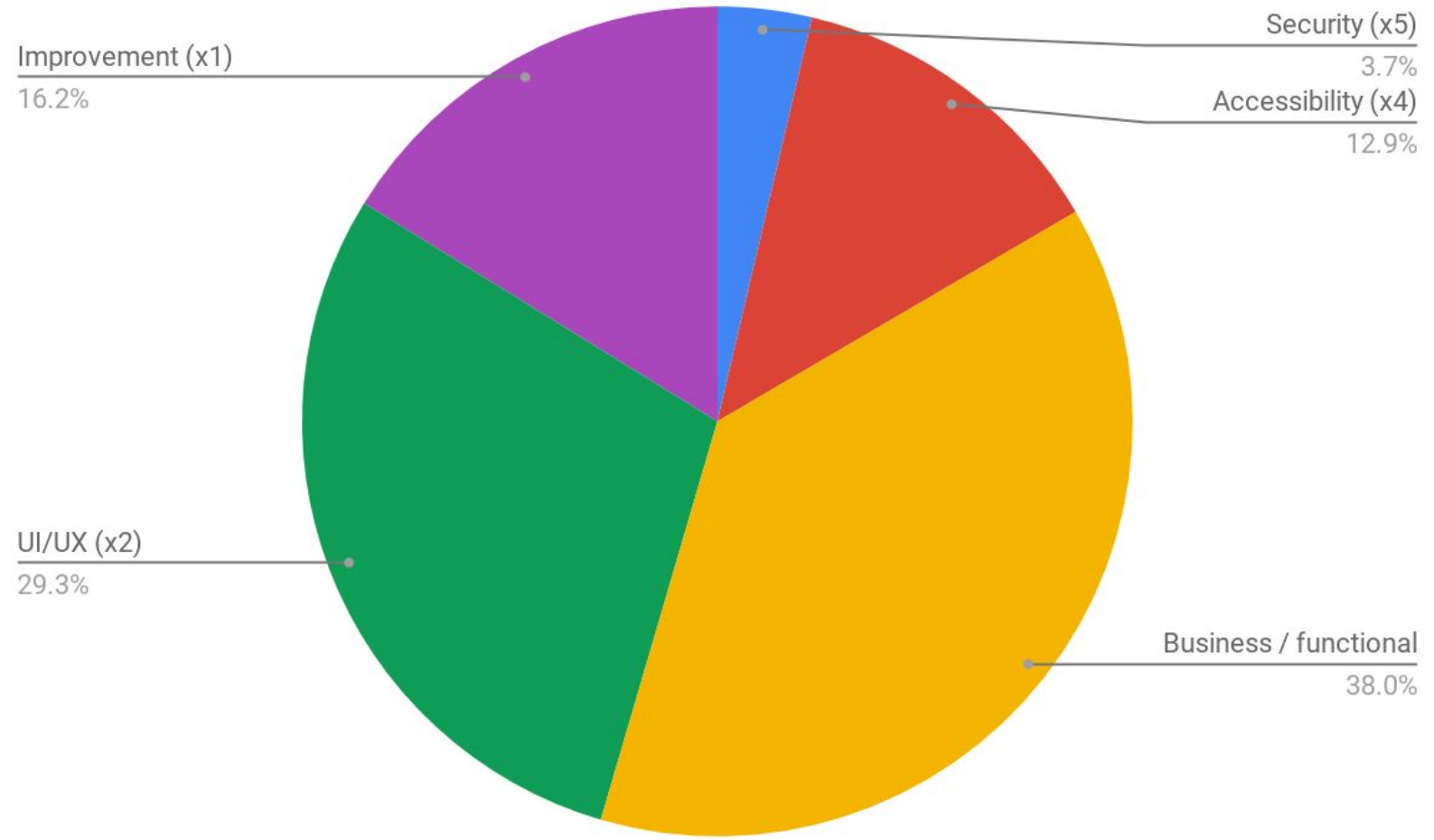


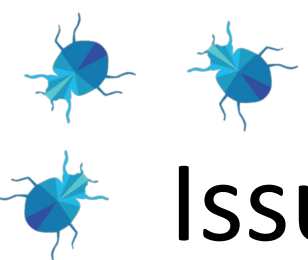
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40

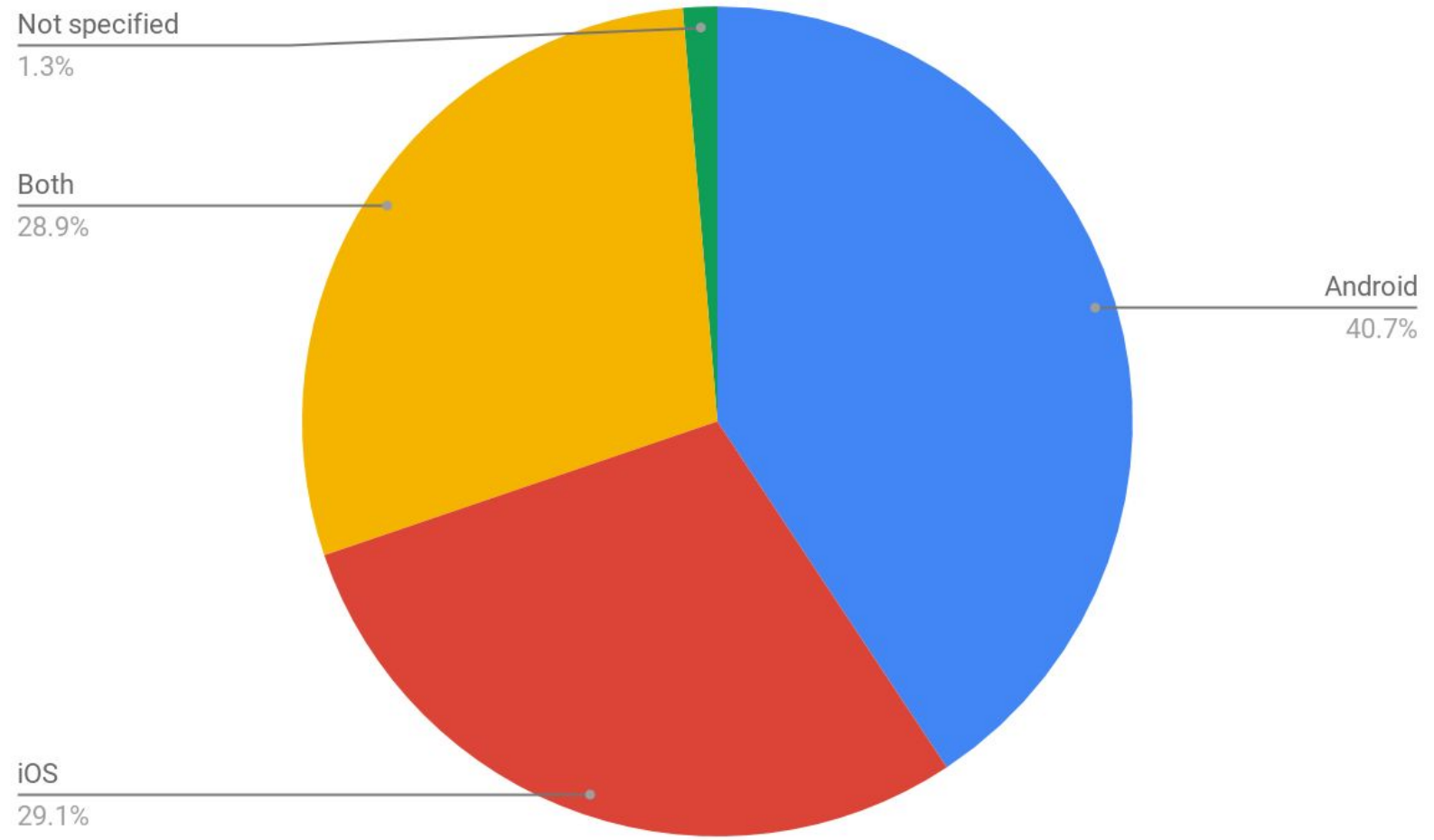


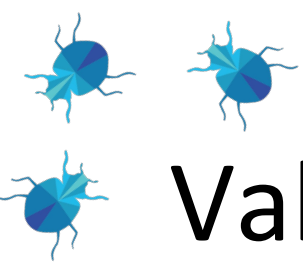
Issues found - by type





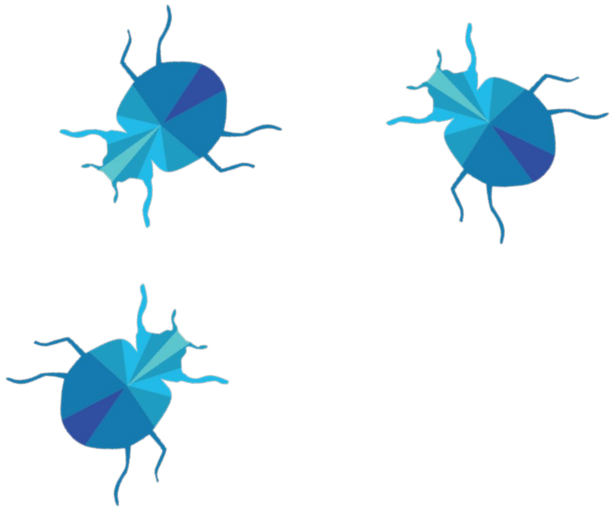
Issues found - by platform



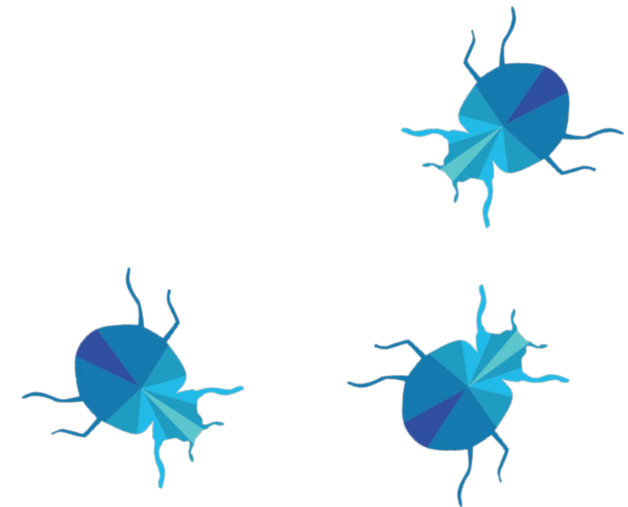


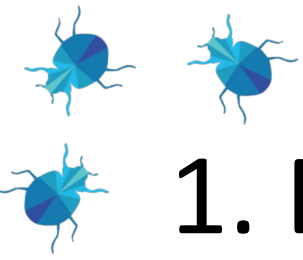
Value for Trafi

- **Newly discovered issues: 77**
 - **High:** 10
 - **Medium:** 34
 - **Low:** 33
- **Improvements: 37**
- Known issues: 54
- Cannot reproduce: 61
- Not a bug: 159
- By design: 8
- Duplicate: 130
- To be investigated further: 2



Learnings - for testers



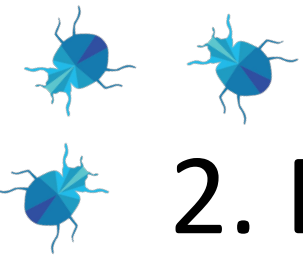


1. Bug type and severity matters

- **19 security bugs (x5)**
 - 7 by 1st prize winners
- **67 accessibility bugs (x4)**
 - 19 by 2nd prize winners

Real life:

- Best tester is not who raises most bugs, but whose bugs are fixed
- We should not only test functionality for healthy people with good intentions

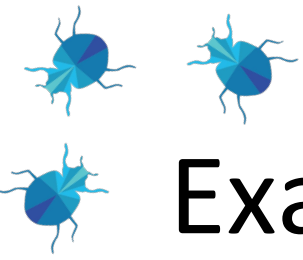


2. Description quality matters

Average bug description quality multiplier: 0.89

- *Possible range: 0.5 - 1*

Real life: impacts bug resolution time



Examples

Paspaudus prideti identity card gaunu klaisa kad neimanoma

Accessibility | Critical

Uzlusta VERIFF

Security | Medium

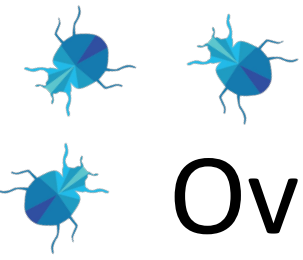
"Unlock all travel options" or "activate your account" shows empty field when airplane mode is on. Only "Later" and "Continue" options are visible. Some kind of popup should appear.

Improvement | Low | No attachment

User data is not transfered from iOS to Android when logged in.

and string is not translated

Attachment only from Android



Overall

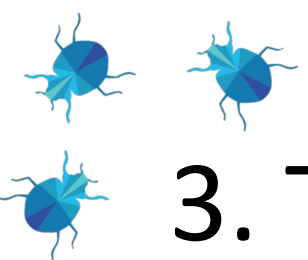
It's more about strategy and quality, than quantity

1st prize: 296 points; 62 🐞, 4.77 points per 🐞

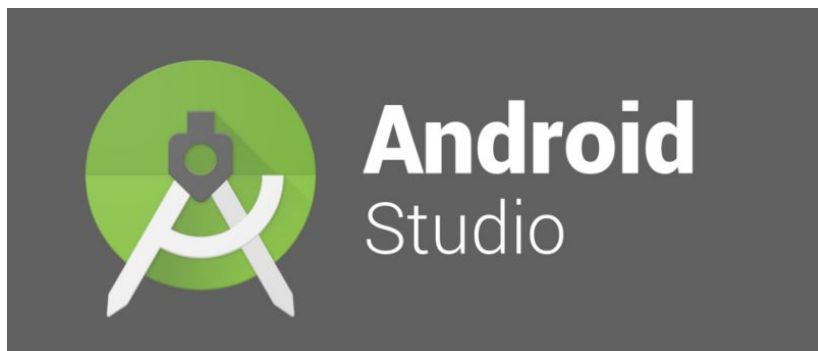
2nd prize: 175 points; 48 🐞, 3.67 points per 🐞

3rd prize: 158 points; 57 🐞, 2.77 points per 🐞

4th: 147 points; 53 🐞, 2.77 points per 🐞



3. Tools used by the winners *



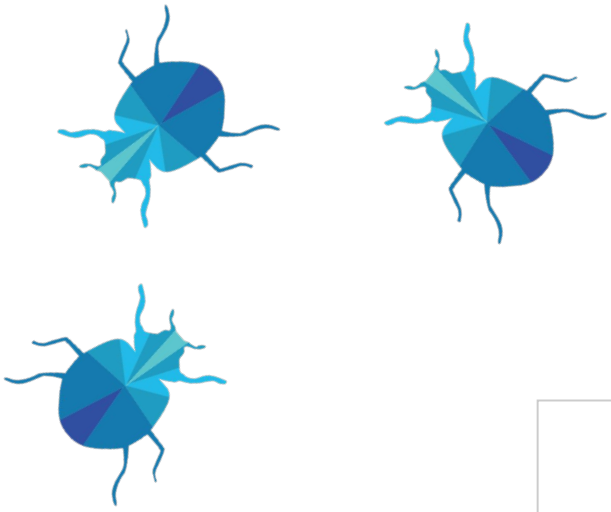
Android Accessibility Suite

Google LLC Tools

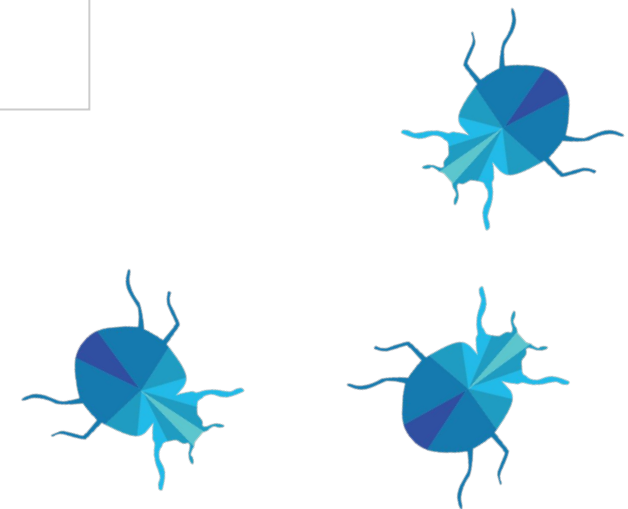
★ ★ ★

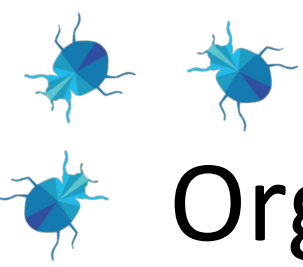
 PEGI 3

 This app is compatible with all of your devices.



Learnings - for organizers

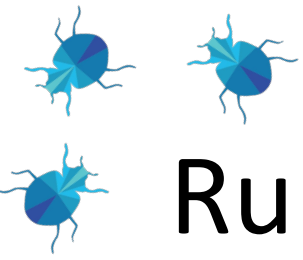




Organization

- Make sure there is only 1 way to register for an event!
- Estimate WiFi just like development tasks - multiply by π :)
- Prepare more than 1 way to install app
- Test everything beforehand: not too late + not too early 🤖





Rules

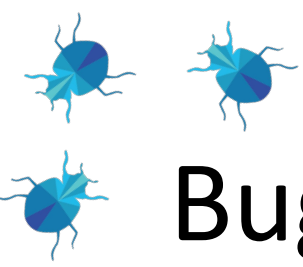
What should be the correct bug weights?

- UI / UX: x1
- Improvement: x2
- Functional / Business: x3
- Security: x5



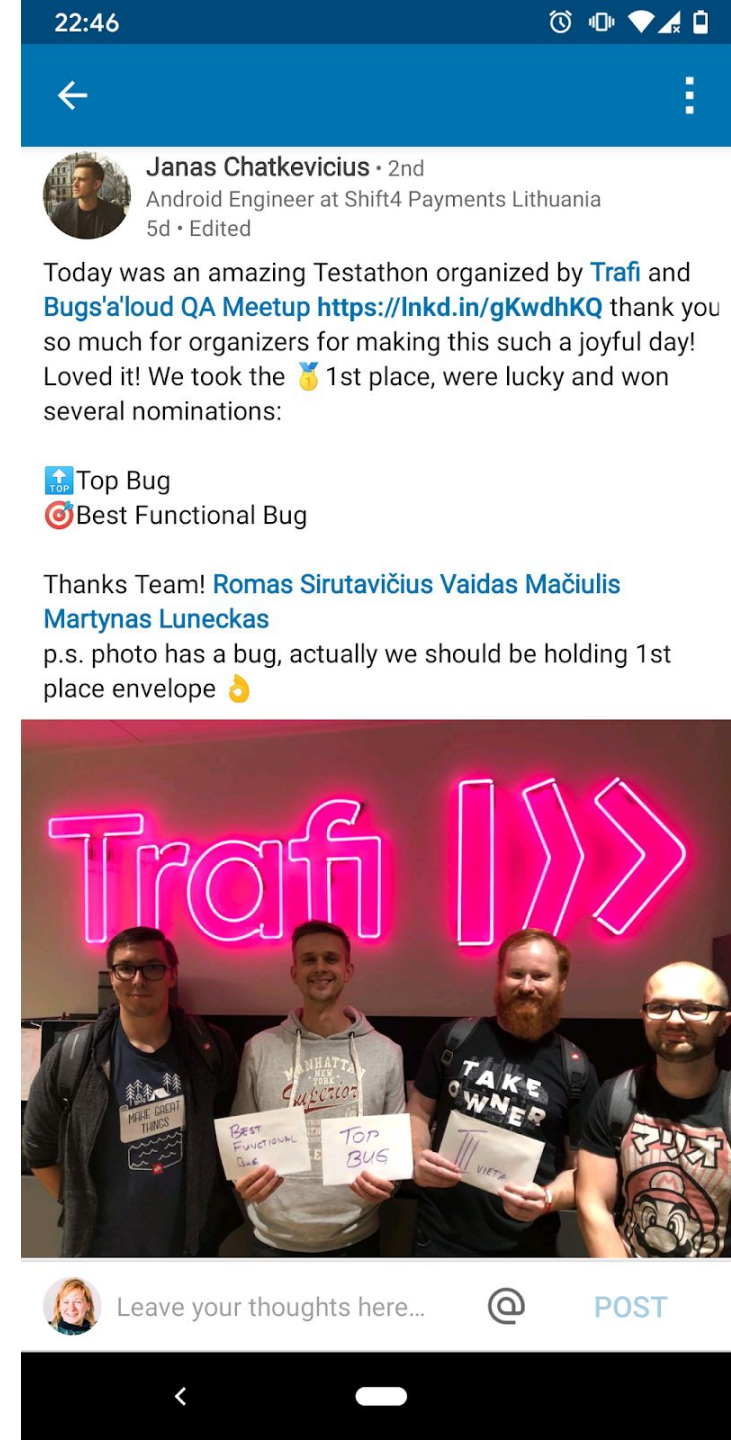
- Improvement: x1
- UI / UX: x2
- Functional / Business: x3
- Accessibility: x4
- Security: x5





Bug evaluation and calculations

- New features = likely new bugs
- Improvements on the fly are dangerous! 🔥
- Acknowledge your mistakes



<https://www.bugsaloud.lt/meetup-14-vilnius>

<https://www.bugsaloud.lt/meetup-19-vilnius>

Thank you! ❤️

Ideas? 💡