

A11y - from «waaat?»
to a core part
of dev team's workflow

Anna Karoń



Responsive design Frameworks



HTML

and more ...

PWA

CSS

Performance

Javascript

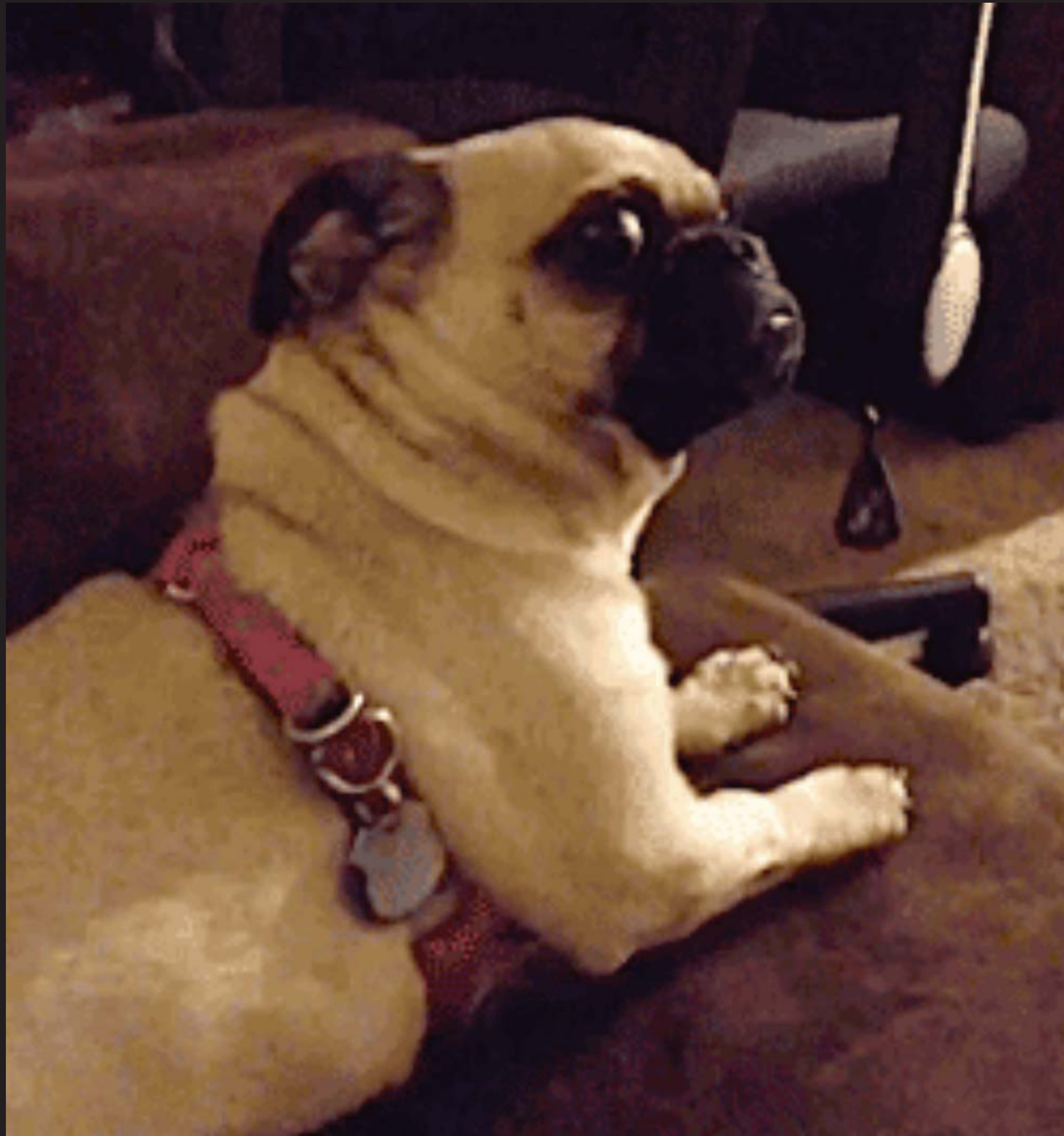
Development tools

Progressive enhancement

Accessibility

Reactivity

Testing



waaat?

Invisible exhibition

*"interactive journey into the invisible world, where you can try out, how to cope in everyday situations without the help of sight – only by the sense of hearing, smell, balance..."**

* <https://niewidzialna.pl/en>

A row of seven closed white doors in a hallway with a dark floor. The doors are evenly spaced and have a simple rectangular design with a small handle on the left side. The lighting is dim, creating a sense of mystery and anticipation.

Magento MeetUp Poznań 2017

Opportunity



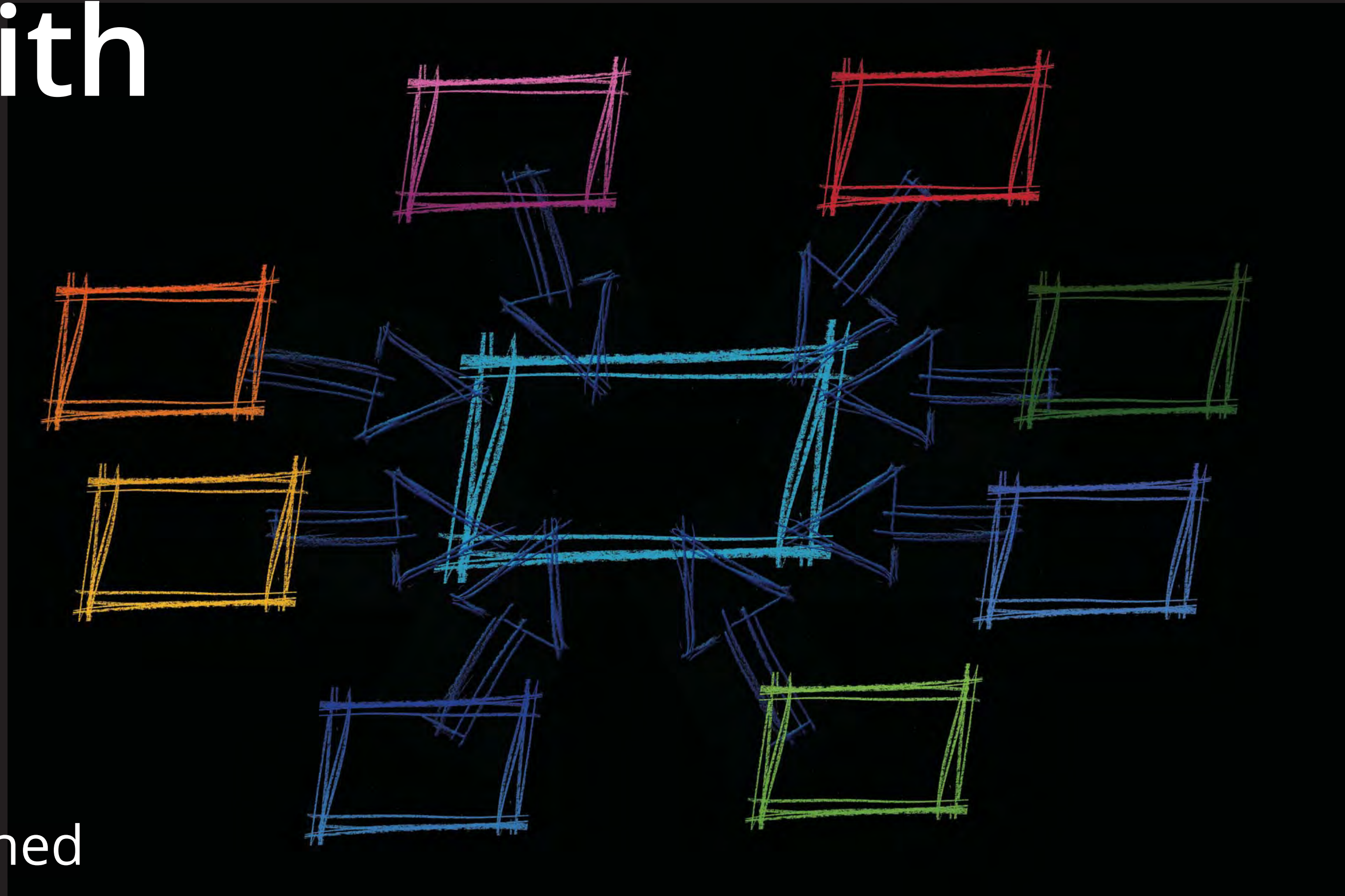


**Mission
impossible**



What to deal with

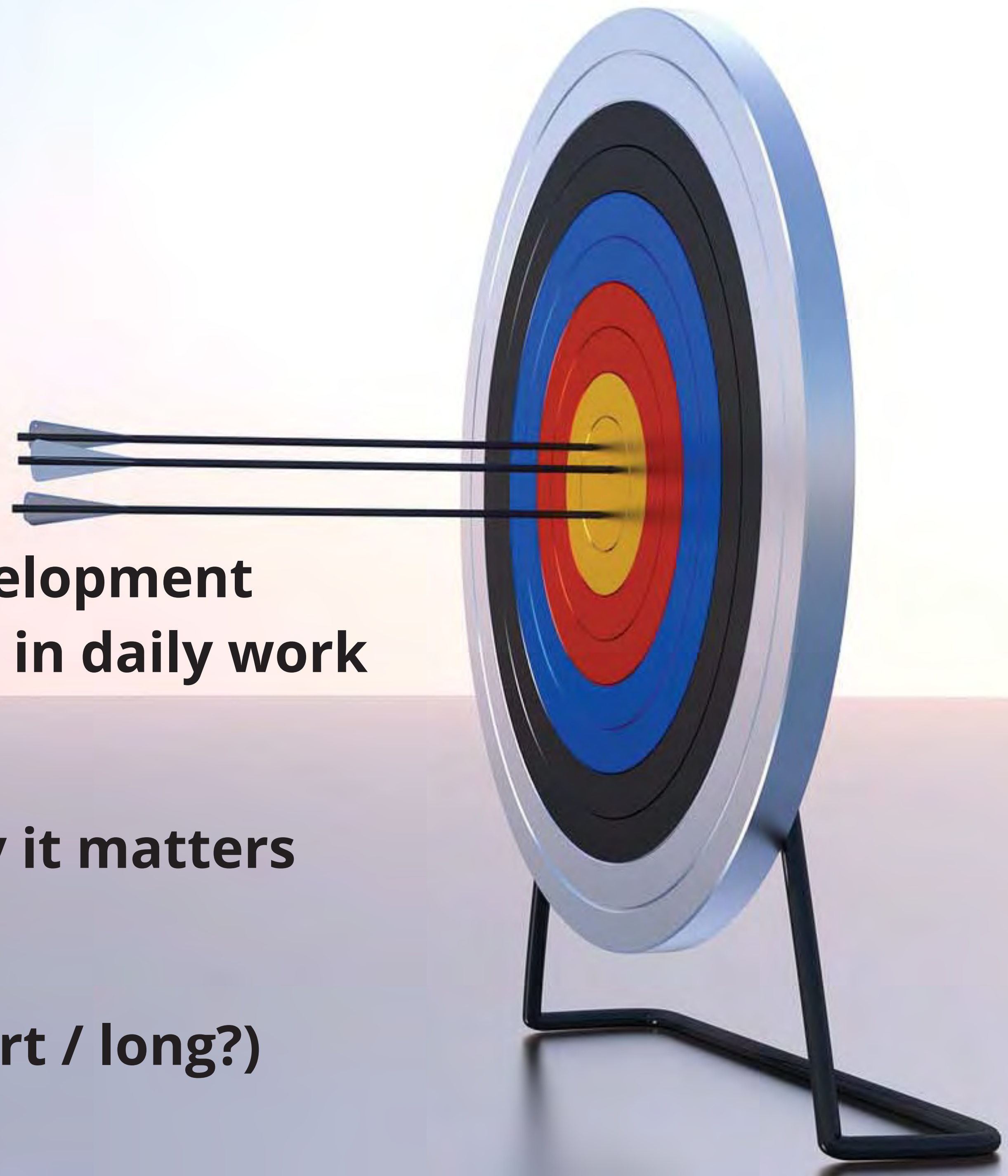
- Medium company
- 30 - 60 projects
- 40 - 100 employees
- Different projects - new, maintained
- Different clients (country, business, budget...), different requirements



Define goals

Short term & long term

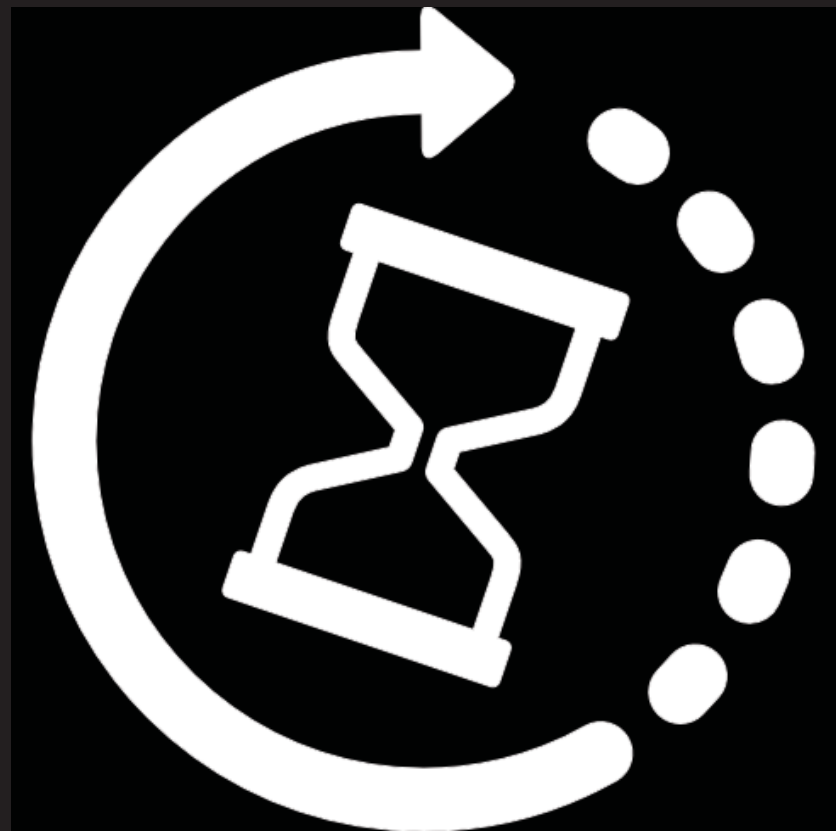
- **Implement a11y in the development workflow and care about it in daily work (main, long)**
- **Show what a11y is and why it matters (short)**
- **Share your knowledge (short / long?)**



Define your enemies

TIME

implementation is a process

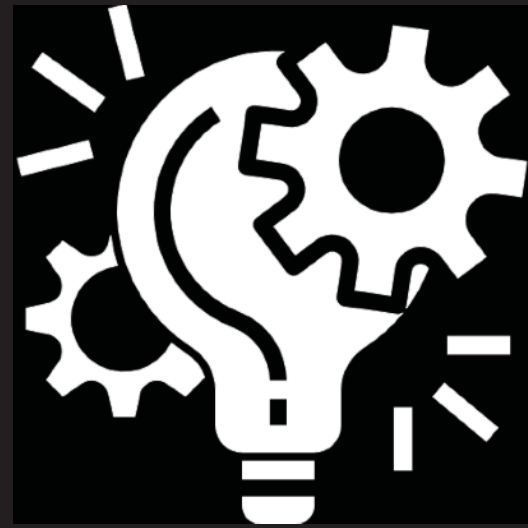


MONEY





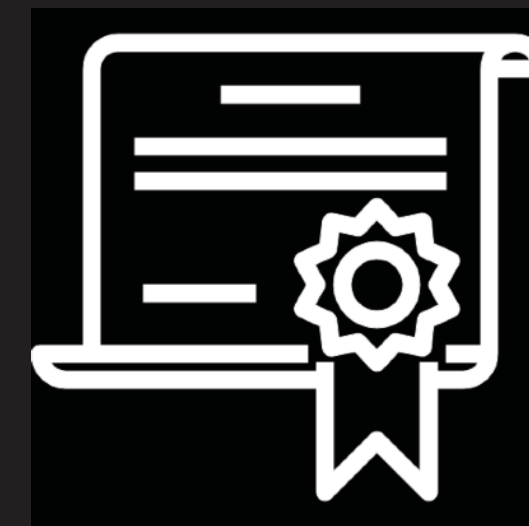
**Request /
Quote**



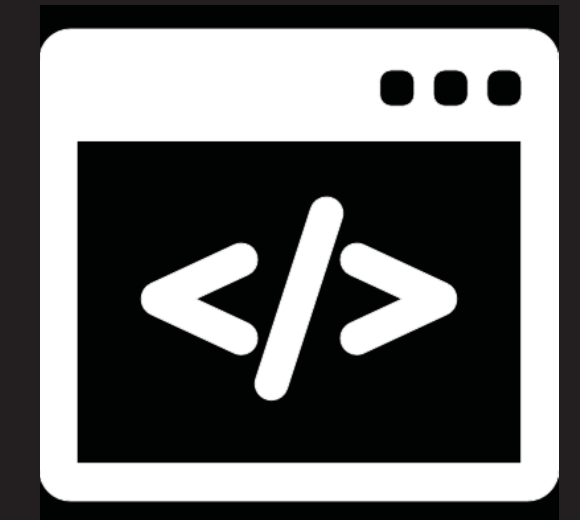
**Project
Management**



Design / UX

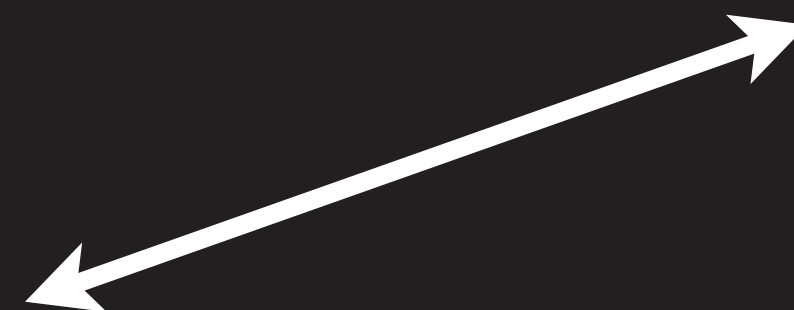
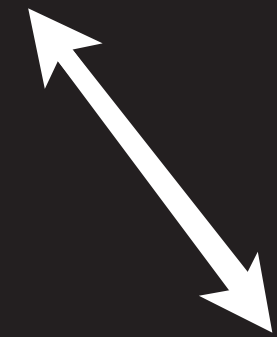


**Quality
Assurance**



Code

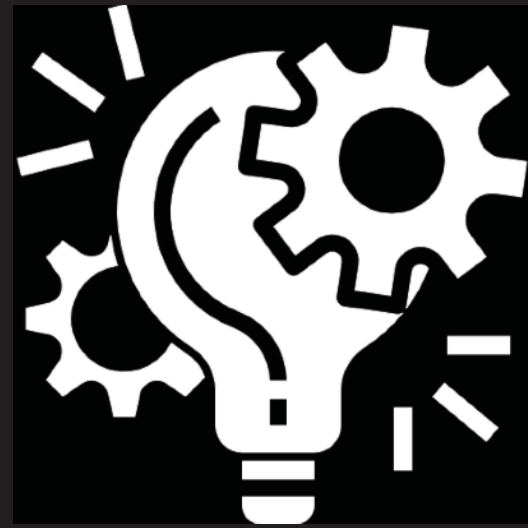
**Web project
workflow**





Clients

3



Project Managers

1

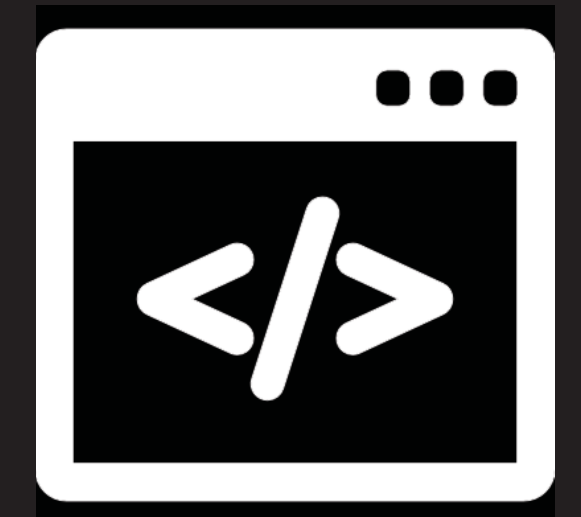


Designers /
UX designers

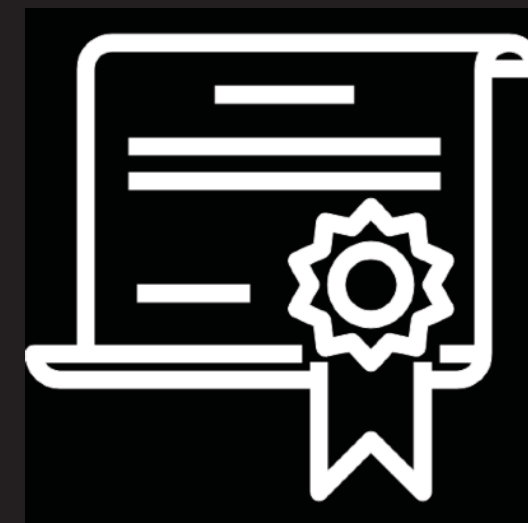
Web project
workflow

2

Front-end
Developers



Back-end
Developers



Testers

4



Talk about it



Working time

- Regular learning
- Prepare & share learning resources
- Share basic knowledge in official source, prepare checklists
- Prepare & share tools
- Automatic tests integration in developer tools
- Use self-development time to learn and share knowledge
- Open source project to learn and practice



A11y in clients project (1st)



- A11y audit
- Design refactor
- Globals & header refactor
- Each store view
- Old / legacy code maintained
- 360 h spent on full implementation
- WCAG 2.0 AA

Organise meetings, presentation, workshops

- GAAD 2018
- Presentation for designers (07-2018)
- Workshops for frontends (09-2018)
- Presentation for PM's (03-2019)
- GAAD 2019 - user testing workshops

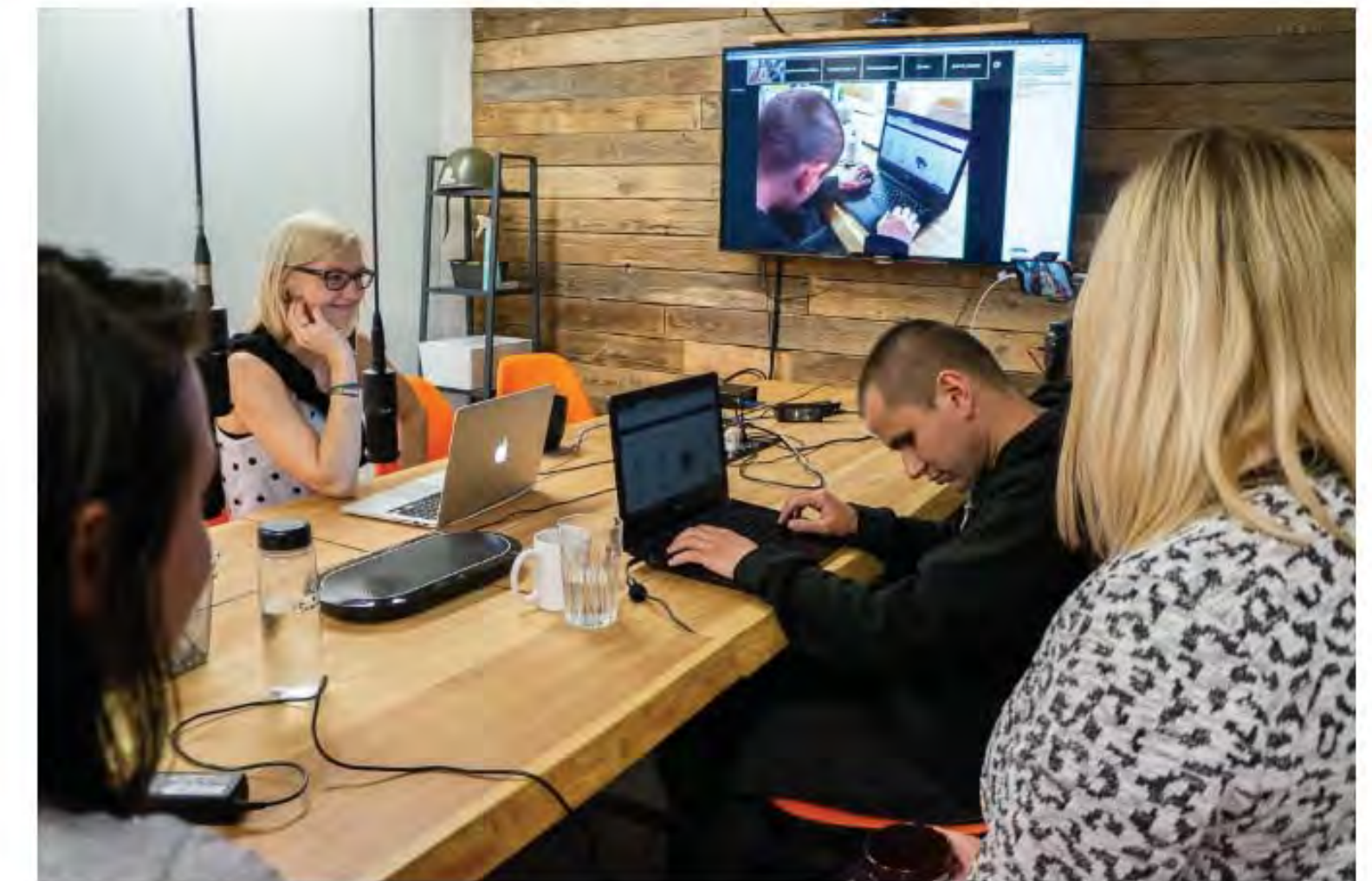
Web Accessibility case study: Magento 2 Alpaca Theme

This case study describes how we invited a user who is blind into our office to use and test our open source Magento 2 theme.



Clara Shen [Follow](#)
Jun 11 · 7 min read

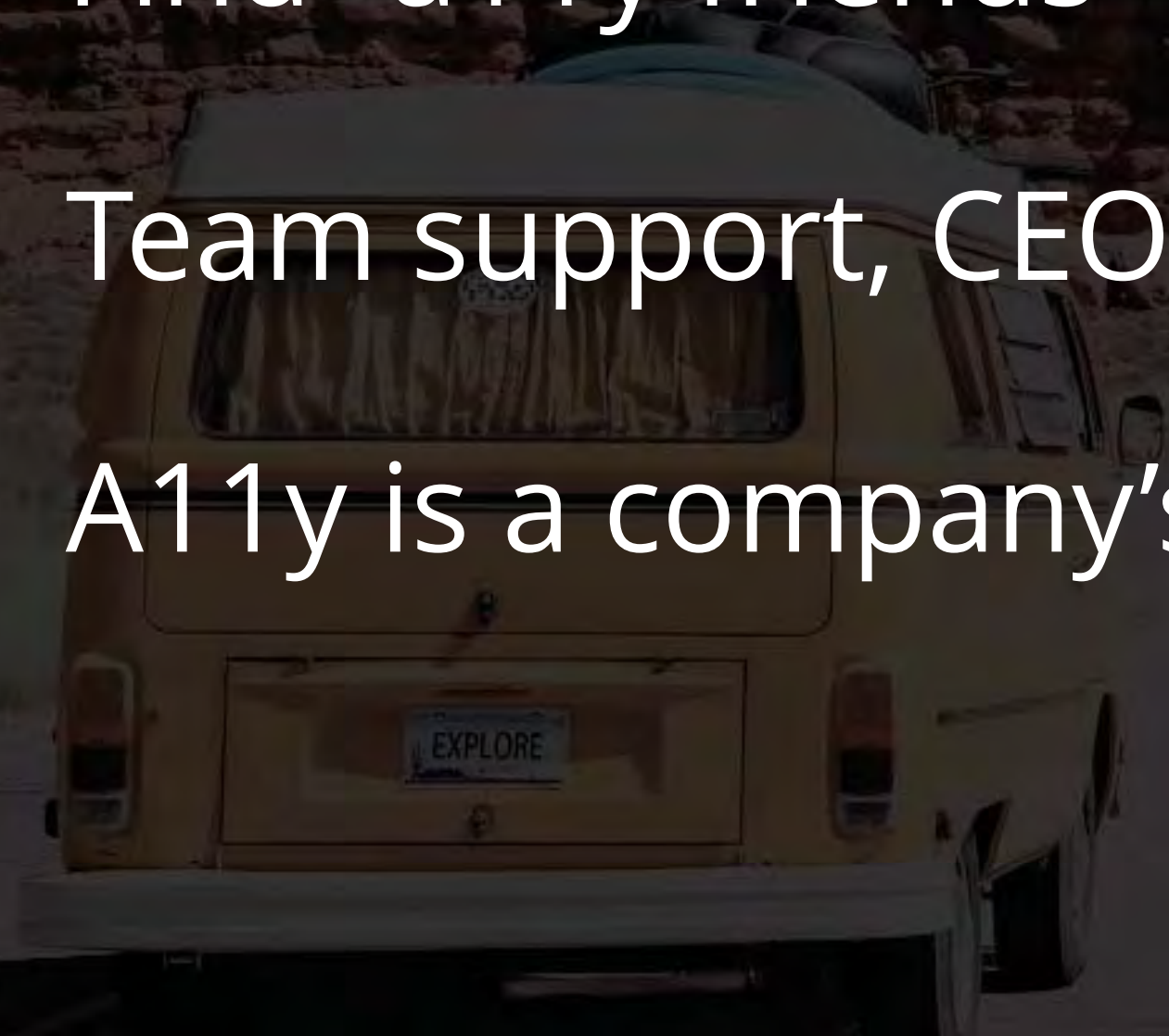
Accessibility user testing at SNOW.DOG Poznań HQ



Accessibility user testing at SNOW.DOG Poznań HQ

Along the way

- A11y implementation is a process
- Step by step, small changes also count
- Remember about priorities
- Find "a11y friends"
- Team support, CEO support
- A11y is a company's culture
- Be understanding
- Be supportive
- Be patient
- Be interesting



Results in projects

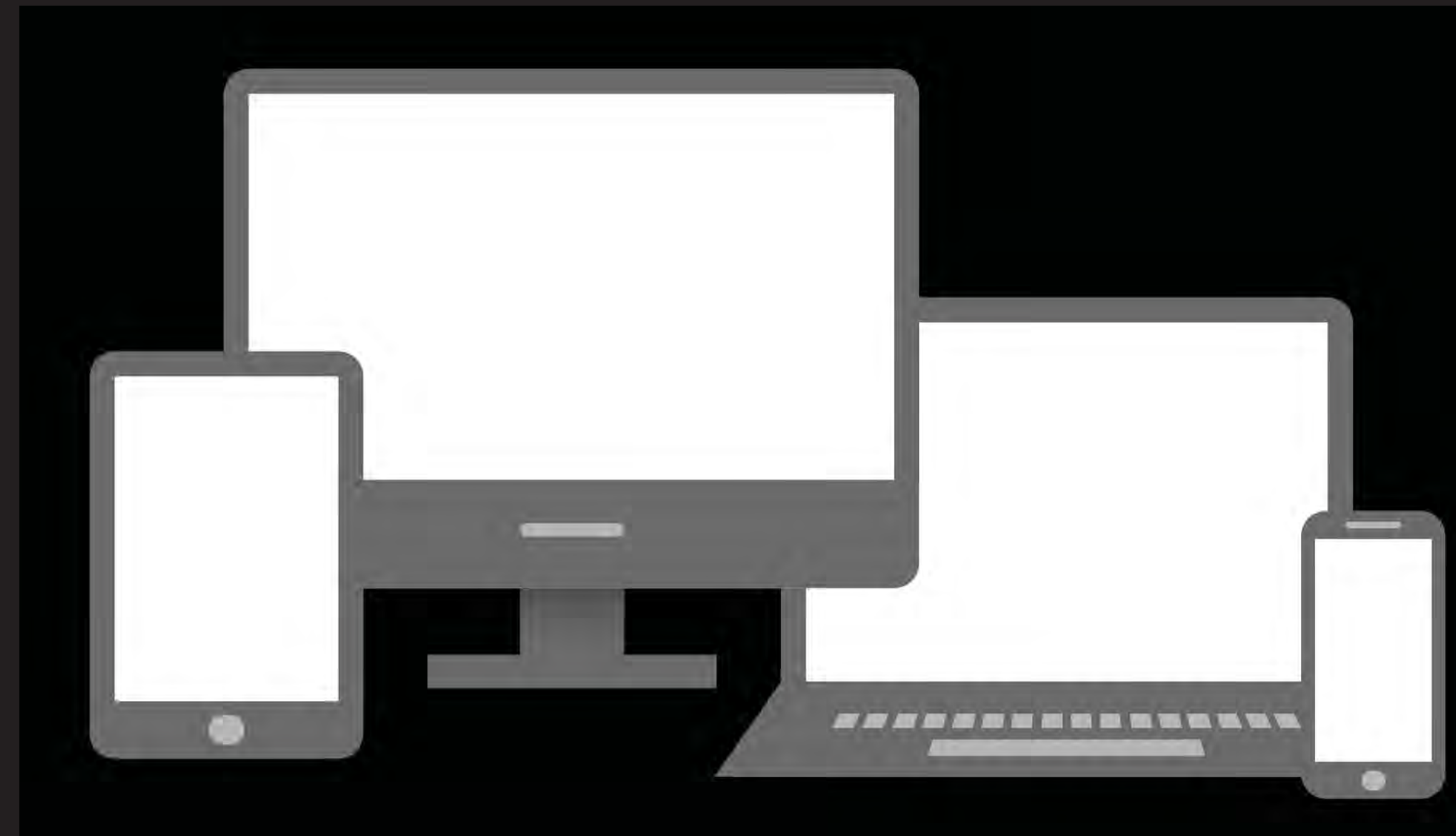
Accessibility in our open source projects - [Alpaca](#)

Accessibility implementation in clients' projects

Accessible designs

Accessibility User Testing & Tester

WIP: Next open source Magento 2
frontend UI components & theme



Results in team

Team support

A11y culture in the company

A11y in code review
and features implementation



Additional effects

Travels

People

Harmony

A11y audit template



A silhouette of a person stands on a dark, rocky outcrop, their arms raised in a gesture of triumph or hope. They are looking out over a vast, undulating sea of clouds that stretch to the horizon. Above the clouds, a bright sun is setting or rising, casting a warm, golden glow across the entire scene. The sky is a deep orange, and the clouds are illuminated from below, creating a textured, wavy appearance.

**2.5 years of a 11y work
and waiting for more!**

Talk.

**If you believe in what you're talking about,
people will believe you**

Links

- [Alpaca components](#)
- [Alpaca Theme](#)
- [A11y user testing - Medium post](#)
- [My adventure with a11y - Medium post](#)
- A11y Workshops at Meet Magento PL 2018:
[repository](#), [presentation](#), [slides](#)
- [A11y in e-commerce, presentation at Meet Magento NYC 2018](#)

Tools

- [A11y audit template](#)
- [Axe-core testing tools](#)
- [Axe-core Chrome plugin](#)
- [Wave Chrome plugin](#)
- [ChromeVox](#)

Q&A

Thank you

anna.karon@snow.dog



@anqa_ka