Accessibility in Practice

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Chapter 1

What is Accessibility?
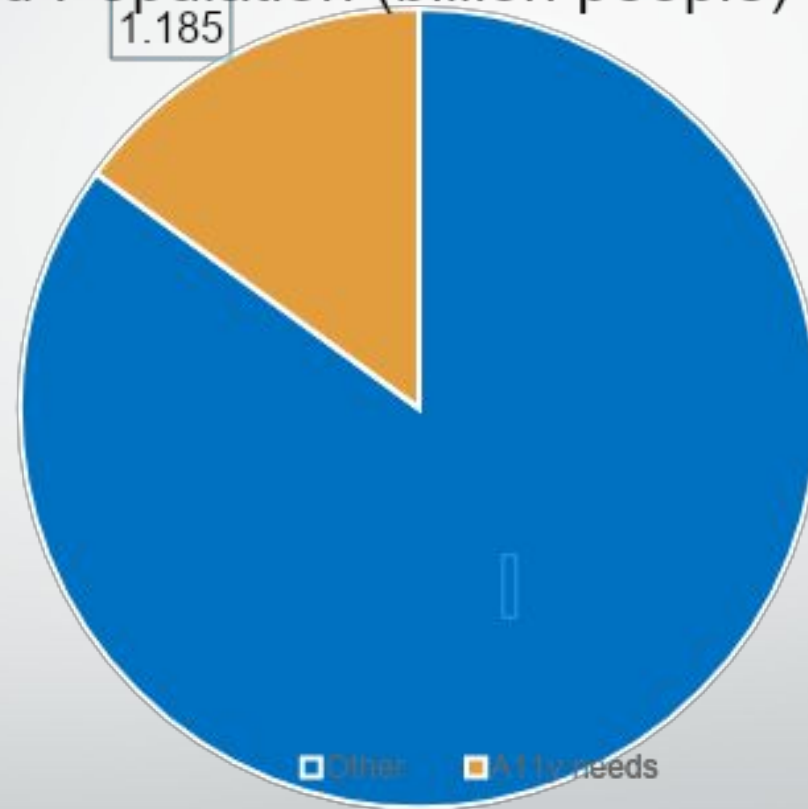
What is Accessibility?

W3C definition: Websites, tools, and technologies are designed and developed so that people with disabiliteis can use them

Requires a thinking which is out-of-the box, many aspects should be considered from the planning phase.

What is Accessibility?

World Population (billion people)

1.185

Other   A11y needs

What is Accessibility?

Permanent	Temporary	Situational
One arm	Arm injury	New parent
Blind	Cataract	Distracted driver

- Motor
- Visual
- Hearing
- Cognitive

Permanent	Temporary	Situational
Deaf	Ear infection	Bartender
Cognitive disability	Learning, drugs, distress	Interruption, distraction

What is Accessibility?

Chapter 2

WCAG – Web Content Accessibility Guidelines

WCAG

Chapter 3

How and What to Focus on While Testing?

Tooling

- Built-in text-to-speech tools, screenreaders (JAWS, Wave)
- Browser add-ons (A11y Insights for Web)
- Coloring helpers, contrast analysers

Examples – 1.1.1 Non-text Content (A)

All non-text content that is presented to the user has a text alternative that serves the equivalent purpose, except for the situations listed below.

- Controls, inputs
- Time-based media
- Test
- CAPTCHA
- Decoration, Formatting, Invisible


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<img alt="Dresses" src="https://images-na.ssl-images-amazon.com/images/W/WEB
ardCards/Fuji_dash_dress_1X._SY304_CB626369146_.jpg" class="landscape-image"
images-amazon.com/images/W/WEBP_402378-T1/images/G/01/AmazonExports/Fuji/202
ress_2X._SY608_CB626369146_.jpg"> == $0
```

Examples – 1.2Time-based Media

- 1.2.1 Audio-only and Video-only (Prerecorded) (A)
- 1.2.2 Captions (Prerecorded) (A)
- 1.2.3 Audio Description or Media Alternative (Prerecorded) (A)
- 1.2.4 Captions (Live) (AA)
- 1.2.5 Audio Description (Prerecorded) (AA)
- 1.2.6 Sign Language (Prerecorded) (AAA)
- 1.2.7 Extended Audio Description (Prerecorded) (AAA)
- 1.2.8 Media Alternative (Prerecorded) (AAA)
- 1.2.9 Audio-only (Live) (AAA)

- They shouldn't have been here.
- But somebody sent them.

(SLAMMING DOOR)

Examples – 1.3.4 Orientation

Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential.
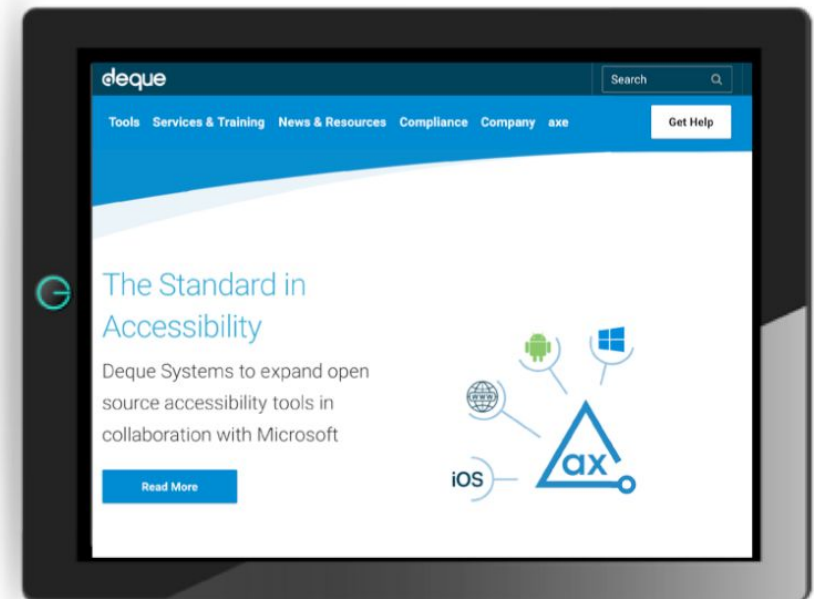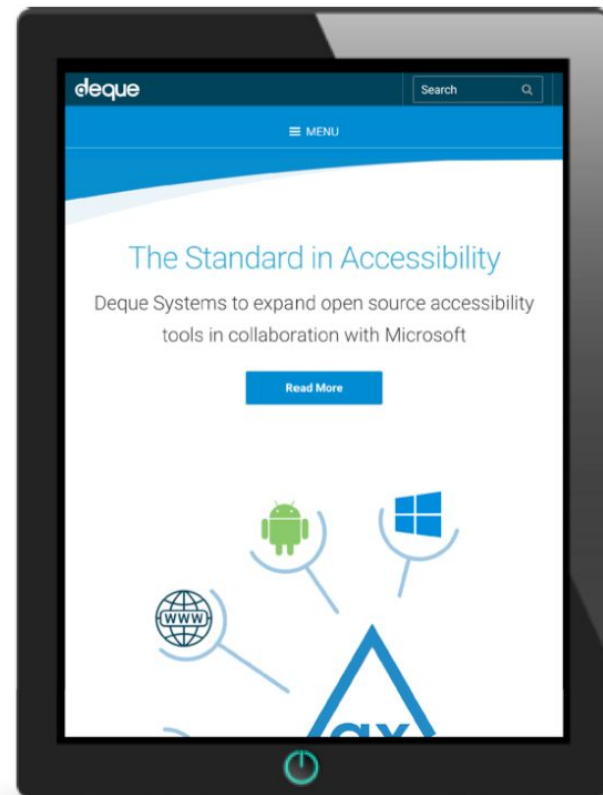
Examples – 2.2.2 Pause, Stop, Hide (A)

For moving, blinking, scrolling, or auto-updating information, all of the following are true:

Moving, blinking, scrolling
For any moving, blinking or scrolling information that (1) starts automatically, (2) lasts more than five seconds, and (3) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it unless the movement, blinking, or scrolling is part of an activity where it is essential; and

Auto-updating
For any auto-updating information that (1) starts automatically and (2) is presented in parallel with other content, there is a mechanism for the user to pause, stop, or hide it or to control the frequency of the update unless the auto-updating is part of an activity where it is essential.

Examples – 2.4.1 Bypass Blocks (A)

A mechanism is available to bypass blocks of content that are repeated on multiple Web pages.
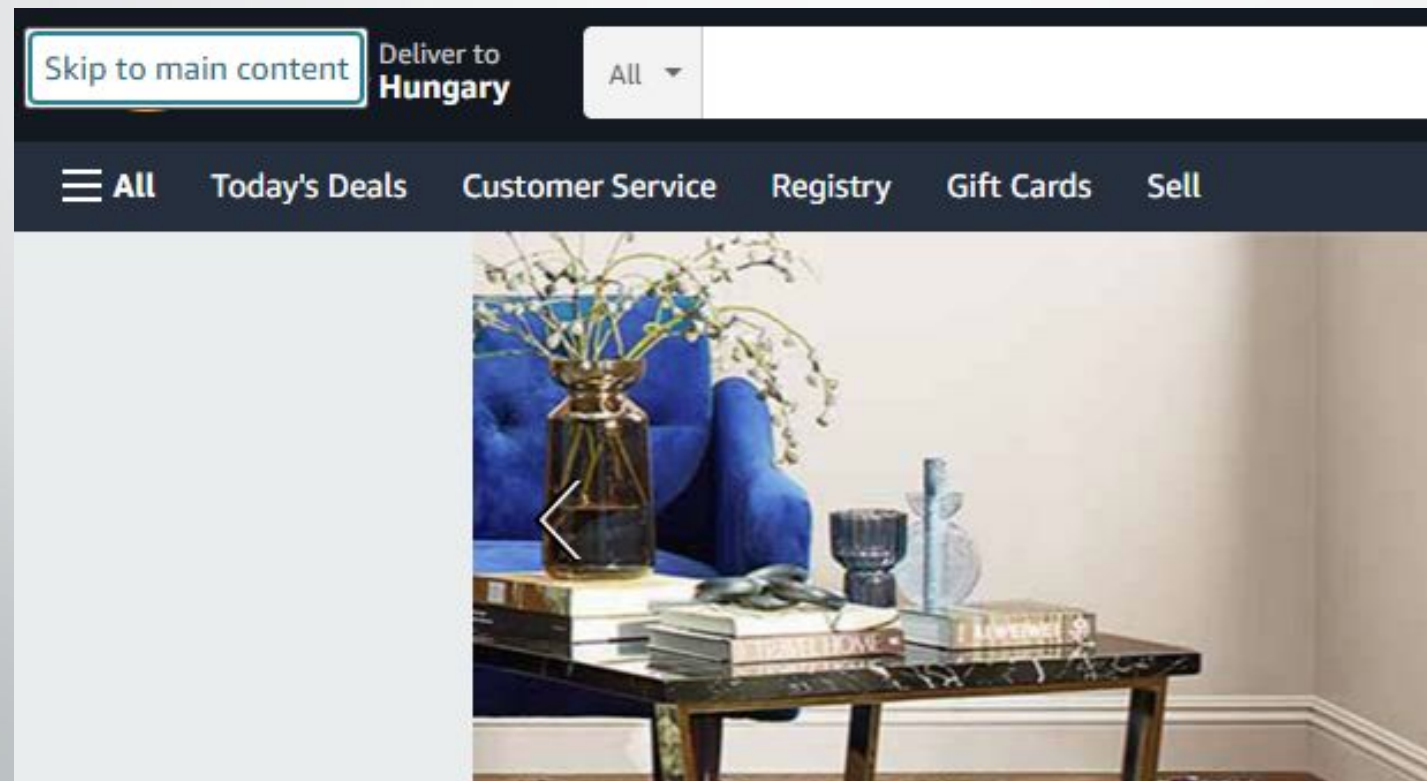
Examples – 3.3 Input Assistance

3.3.1 Error Identification (A)
3.3.2 Labels or Instructions (A)
3.3.3 Error Suggestion (AA)
3.3.4 Error Prevention (AA)

Chapter 4

Conclusions
(almost lunchtime)

Thank you!