
Accessibility
Usability
User centred design

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Accessibility testing workshop

Accessibility workshop

- Pilot accessibility assessment exercise
Group activity (3 to 5 members)
- Goal
To assess and eventually contribute to the improvement of the accessibility of a web application considering, at least, its purpose, content, navigation support and user input options
Suggested types of web applications to consider
Social networking websites
e-Government websites
e-Learning websites

Accessibility workshop

- Outcome

Report on the pilot accessibility assessment exercise for the chosen website

It should include

- Website identification and description

- Assessment strategy

- Assessment results

- Recommendations for accessibility improvement

- Critical reflection on the underlying options and achieved results of the pilot accessibility assessment exercise

Accessibility workshop

- Minimal assessment approach

Should consider both...

Automatic of current accessibility recommended practices; and

Manual assessment of:

Current accessibility recommended practices

How the websites is accessible in practice

This means code inspection and user testing

- A possible assessment strategy starting point can be found at

<http://www.w3.org/WAI/eval/>

Resources

- Web content accessibility guidelines 1.0
<http://www.w3.org/TR/WCAG10/>
- Web content accessibility guidelines 2.0
<http://www.w3.org/TR/WCAG/>
- Accessible Rich Internet Applications
<http://www.w3.org/TR/wai-aria/>

Resources

- Tools

- Validators

- Checking conformance to specifications of (X)HTML and CSS

- Evaluation and repair tools

- Checking conformance to guidelines (WCAG, Section 508), some of them supporting also the repair process

- Browsers

- Some browsers (graphical browser, text browsers, speaking browsers) provide functionalities that can be used for accessibility assessment

- Toolbars for Browsers

- Combining functions of validators and evaluation tools in a toolbar

- Assistive Technologies

- Testing if websites are accessible in practice

<http://www.w3.org/WAI/ER/tools/>