

Recommending a Usability Practices for Websites Developers and Designers

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Websites are fundamentally designed to work for all people. Using these websites, people meet different kind of goals. When the web meets this goal, it is accessible to people with a diverse range of hearing, movement, sight and cognitive ability. Website creating which is compatible with accessibility standards is kind of best practices. These standards enable to extend group of information users such as people with disabilities, people who encounter incompatibility and technology problems. Considering the problems, World Wide Web Consortium (W3C) proposed worth standards called Web Content Accessibility Guidelines (WCAG). WCAG developed through the W3C process in cooperation with individuals and organizations around the world with a goal of proving a single shared standard for web content accessibility that meets the needs of individuals, organizations and governments internationally. A-Tester and 508-checker version 1.4 are the tools used for evaluation and they follow the guidelines from WCAG. When website is 508 compliant, they are accessible to all users. Using 508 checker can quickly check web page for 508 compliance and learn more about how to become 508 compliant across the entire organization. A-Tester checks the pre-enhanced version of a web page designed with progressive enhancement against *Evaluera's* "WCAG 2.0 Level — AA conformance statements for HTML5 foundation mark-up". A selected set of websites from all over the world are evaluated using above tools and found the most common accessibility issues. Finally, an accessibility standards checklist is developed in order to minimize the mistakes made by the developers.

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