Robustness

Robustness means that software should be compatible with most devices and assistive technologies. Robust software adapts to ensure content is accessible as technologies evolve. Key practices include:

Responsive design [Mandatory]

Ensure that government websites and systems are responsive and adaptable to different screen sizes and devices. Responsive design enhances accessibility by providing a consistent user experience across desktops, tablets, and mobile devices.

Compatibility with assistive technologies [Recommended]

Ensure compatibility with various assistive technologies and assistive devices.Regularly test the software with a variety of assistive technologies, including screen readers, screen magnifiers, and voice recognition software, to identify and address accessibility issues.

Common standards [Mandatory]

Use common web technologies and adhere to standards and rules.Use consistent markup and standardized UI components.

Government institutions should also refer to the latest version of the Web Content Accessibility Guidelines (WCAG) which is a set of recommendations by W3C for web accessibility. WCAG offers guidelines and success criteria for making web content perceivable, operable, understandable, and robust for users with impairments

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