



Introduction

ICT Accessibility Testing Symposium has developed a methodology for evaluating the accessibility of mobile web sites. This document is an amalgamation of accepted mobile accessibility testing standards from around the world, including additional developments from the ICT Accessibility Testing Symposium's Mobile Sub-Committee.

gian@accessibilityoz.com accessibilityoz.com

3

WCAG2

WCAG2 success criteria are applicable to mobile, however, not all aspects of mobile accessibility are specifically covered by WCAG2. For example, although WCAG2 requires sites to be accessible to the keyboard user, it does not specify that it should also be accessible to the touchscreen user.

♥ @accessibilityoz 5 AccessibilityOz 5

WCAG2.1

What about

WCAG2.1?

WCAG2.1 builds on this and addresses more criteria related to touch screen (pointer gestures), sensors and small screen devices, however it still does not cover all user needs related to mobile accessibility.

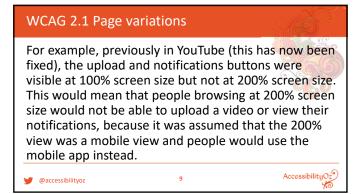
@accessibilityoz

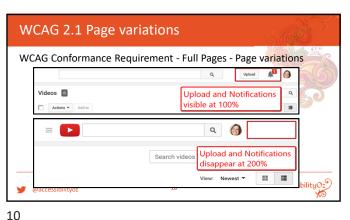
AccessibilityOz



WCAG 2.1 Page variations Low vision users (who use the zoom function inherent in the browser) are often restricted to a mobile view of the site on their desktop. As part of WCAG2, zooming to 200% should already be included in regular testing (and therefore is not included in this methodology). It is essential that functionality is not removed due to a variation in the page. @accessibilityoz

8



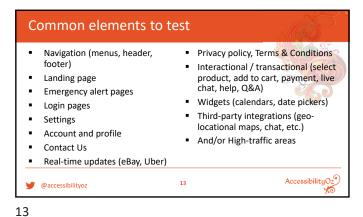


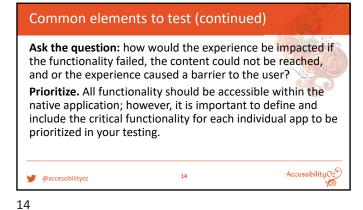
9



Define application functionality Through your understanding of the purpose of the native mobile application, define which functionality is critical to its purpose and use and that must be tested for efficacy, operability, and workflow from a user experience perspective. AccessibilityOz @accessibilityoz

12 11





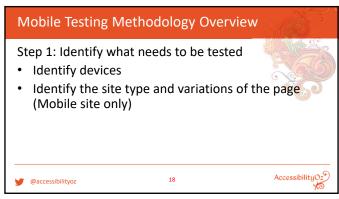
Please note that this methodology does not include those enors already included in W CAG2, but does include those enors in W CAG2 1



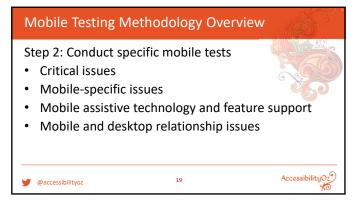
15

Accessibility Oz

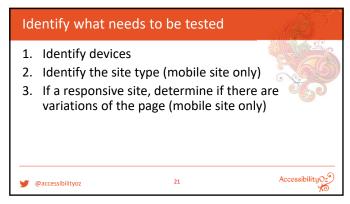




17 18

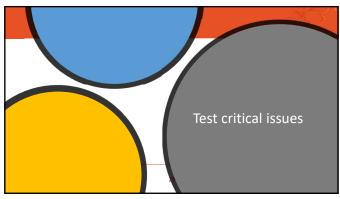


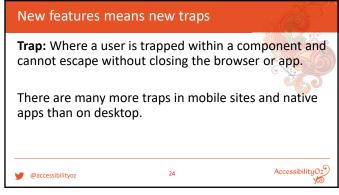




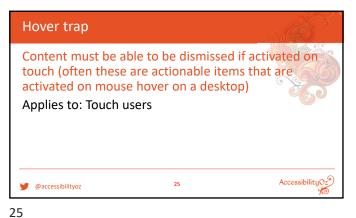


21 22





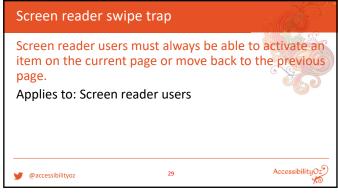
23 24

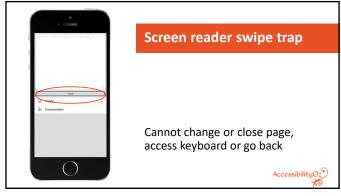






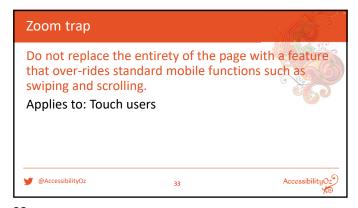


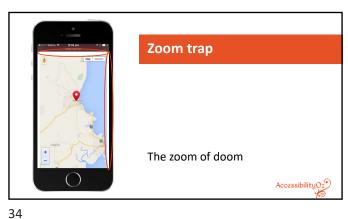


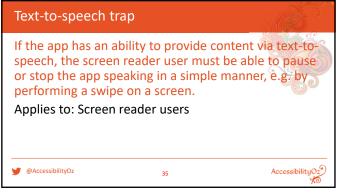




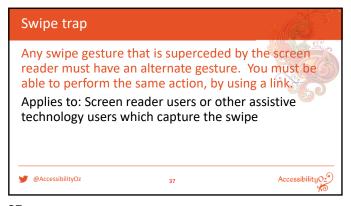


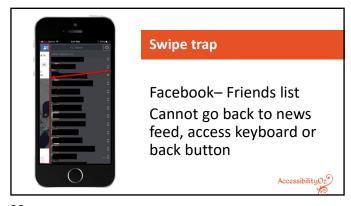


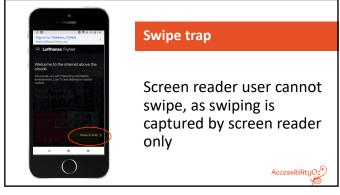












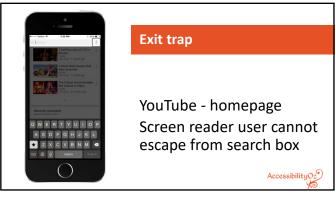


39



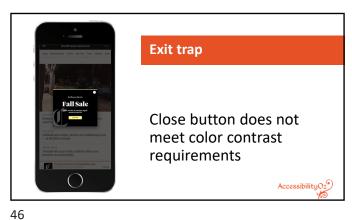


41 42

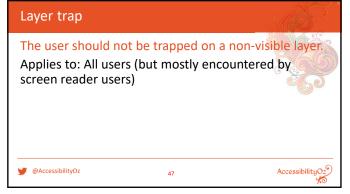






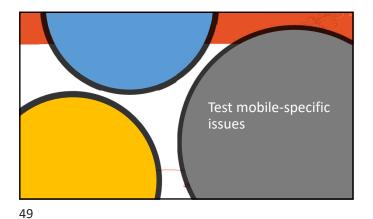


45

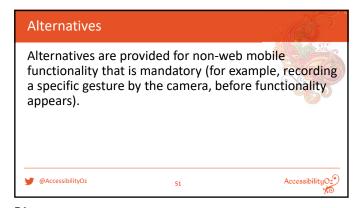


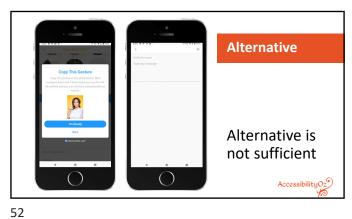


47 48

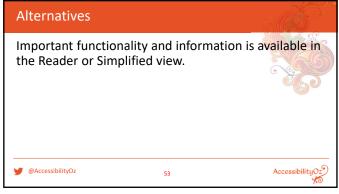






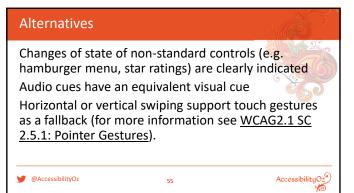


51 5

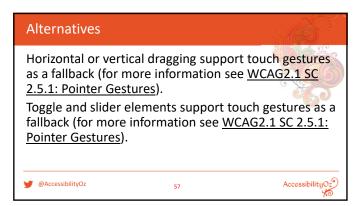




53 54

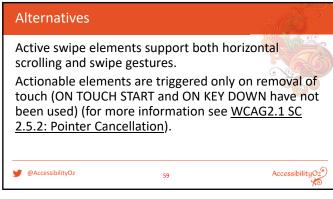








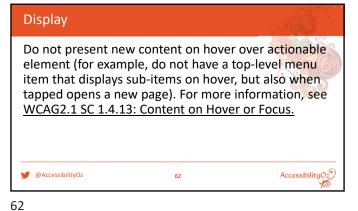
57

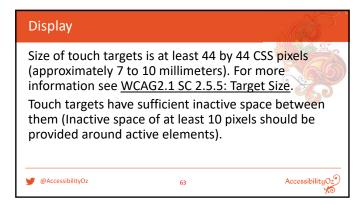




59 60

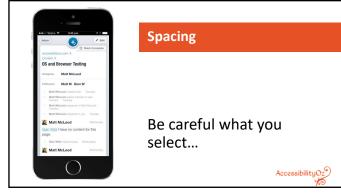


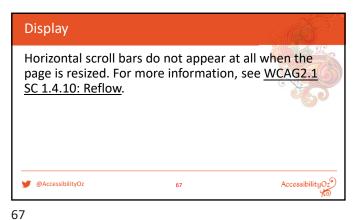


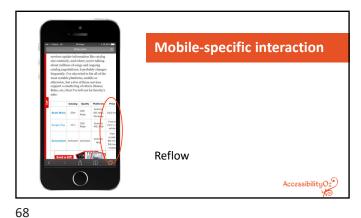


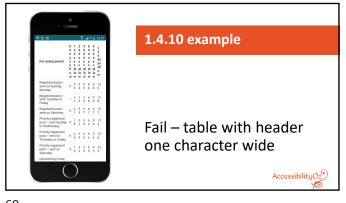


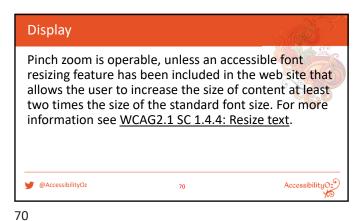




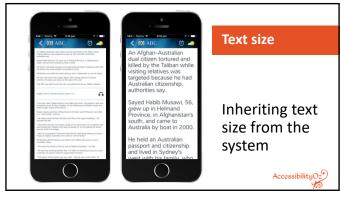




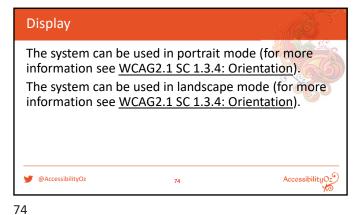


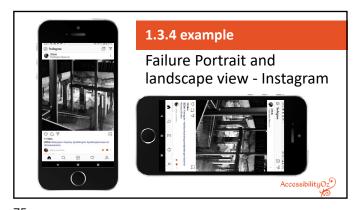














75 76



Actionable items

Native UI controls, objects, alerts and elements have been used

When direct input via the keyboard is not required provide options for the user to achieve the same result (i.e. use dropdown, radio buttons & checkboxes, etc.).

77 78

AccessibilityOz



Functionality that can be operated by device motion or user motion can also be operated by user interface components, and responding to the motion can be disabled to prevent accidental actuation, except for certain situations. For more information see <a href="https://www.wccata.com/wc

@accessibilityoz

79 80



2.5.4 example

2.5.4 example

2.5.4 example

2.5.5.4 example

2.5.5.4 example

2.6.5.4 example

2.6.5.5 example

2.6.5.5 example

2.6.5.6 example

2.6.5.6 example

2.6.5.6 example

2.6.5.6 example

2.6.5.6 example

2.6.5 example

2.6.6 example

81 82

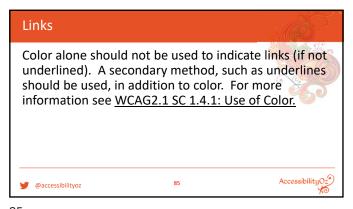


Links

Link text should have a minimum color contrast ratio of 3.0:1 when compared with the surrounding body text. For more information see WCAG2.1 SC 1.4:11: Non-text Contrast.

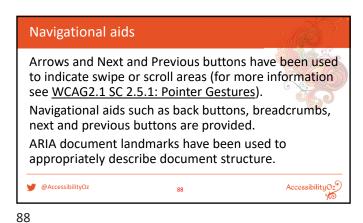
Recessibilityo

83 84



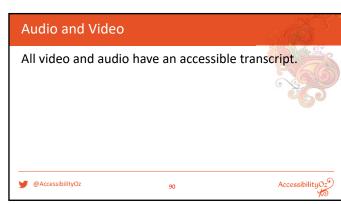






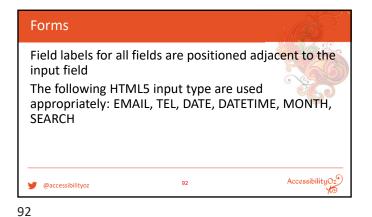
87



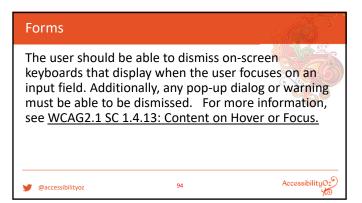


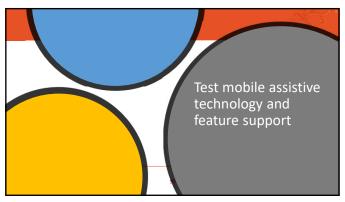
89 90

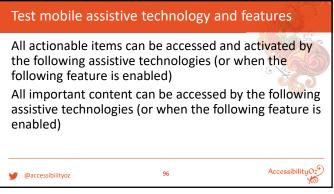




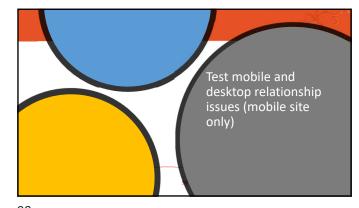


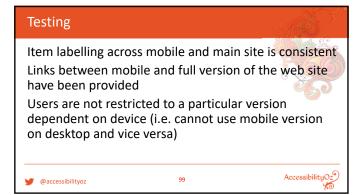






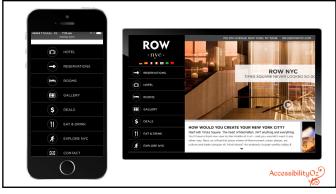








99 10



Brent Davis, Corbb O'Connor, Gian Wild (Co-Chair Mobile Site and Native App), Jennifer Chadwick (Co-Chair Native App), Karen Herr, Kathryn Weber-Hottleman, Kathy Eng, Laura Renfro, Megha Rajopadhye, Michael Keane, Morgan Lee Kestner, Peter McNally (Co-Chair Mobile Site), Rafal Charlampowicz, Ryan Pugh, Shane Anderson, Steve Sawczyn, Sunish Gupta, Tom Lawton

101 102

