Web Accessibility Recognition Scheme 2013-14

Office of the Government Chief Information Officer

Digital Inclusion Division

10 October 2013

Web Accessibility Recognition Scheme

Agenda

- Web Accessibility Campaign

- Highlights of Web Accessibility Recognition Scheme 2013-14

- How to meet the Judging Criteria of the Website Stream?

- **How to meet the Judging Criteria of the Mobile Application Stream?**

- Demonstration by Hong Kong Blind Union

Testing Steps

- Accessibility Inspection Tools (編碼檢查工具)

- Code Review (編碼檢查)

- Visual Review (目視檢查)

- Manual Testing with Screen Reader (使用讀屏軟件進行手動檢測)

- Human Testing (使用者測試)

1. Meaningful Text Alternative

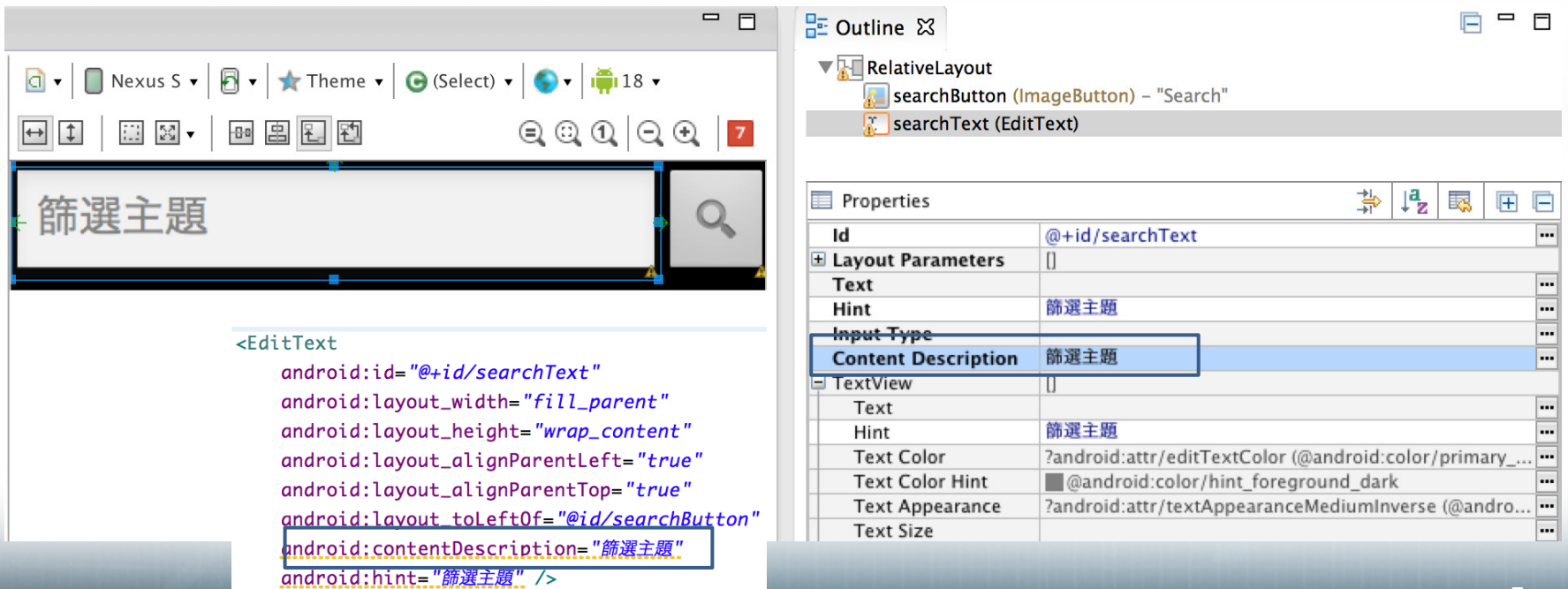- Provide meaningful text alternative for non-text contents

1. Meaningful Text Alternative

Testing: Code Review, Manual testing with screen reader (Talkback)

- Check for meaningful description in **Content Description**
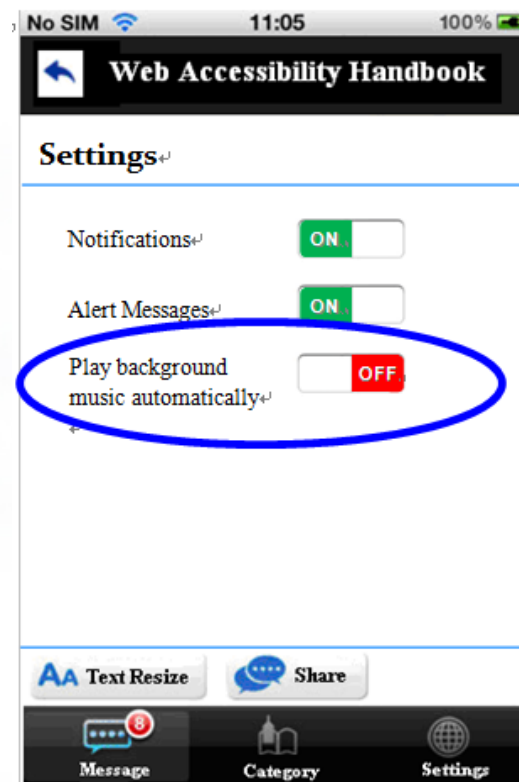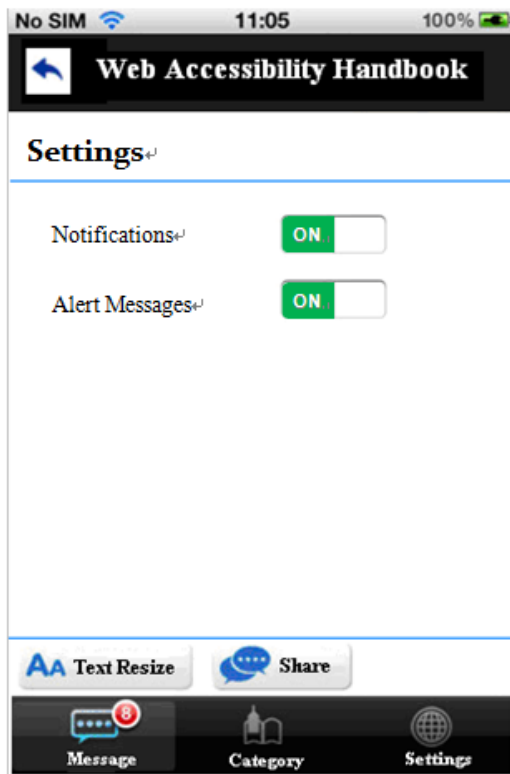
1. Meaningful Text Alternative Text

Testing: Code Review, Manual testing with screen reader (VoiceOver)

- Check if Accessibility option is enabled in iOS platform (XCode)
- Check for meaningful description in **labels** and **hints**
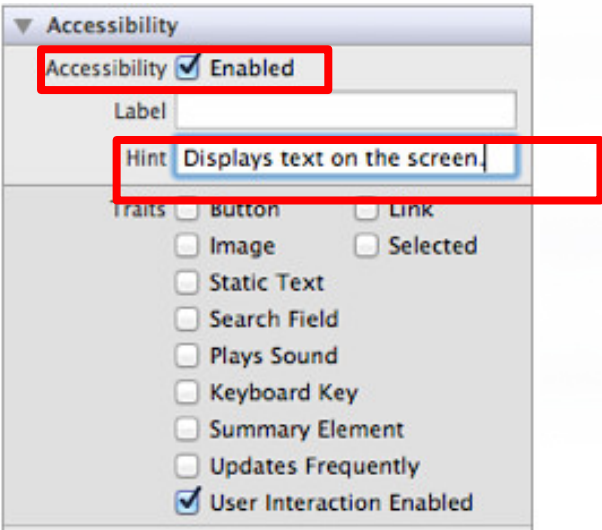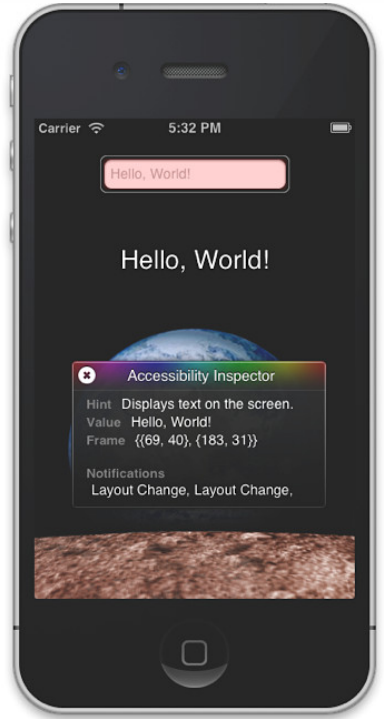
2. Background Sound

- Easy to turn off background sound or set as user-initiated only

2. Background Sound

Testing: Visual Review, Manual Testing with Screen Reader

Turn off background sound option

3. Clickable Object Size

- Make all clickable objects large enough for tapping

3. Clickable Object Size

Testing: Visual Review

Button and Links are large enough for tapping

Source :
http://www.gov.hk/en/about/govdirectory/mobilesites.htm

4. Headings

- Provide clear and simple headings

4. Headings

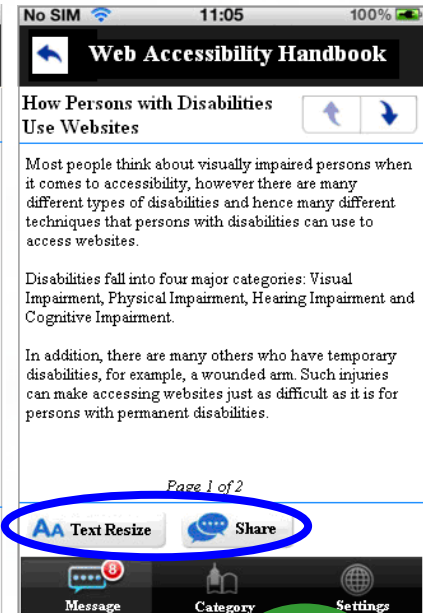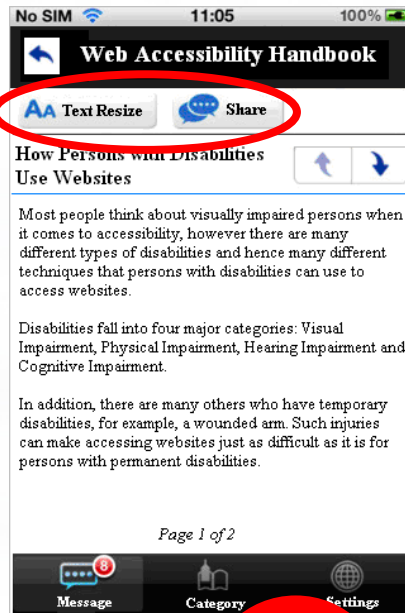_Testing:_ Visual Review, Manual Test with Screen Reader
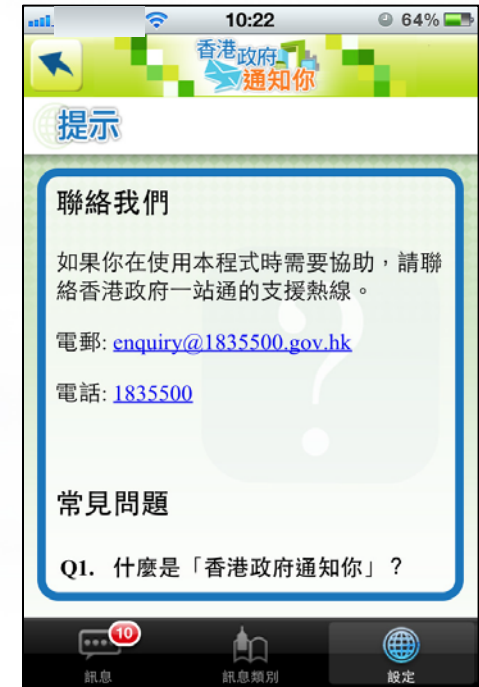
Clear and simple headings

Source : http://www.gov.hk/en/about/govdirectory/mobilesites.htm

5. Structure and Content

- Provide consistent and simple user interface structure

5. Structure and Content

Testing: Visual Review, Manual Test with Screen Reader
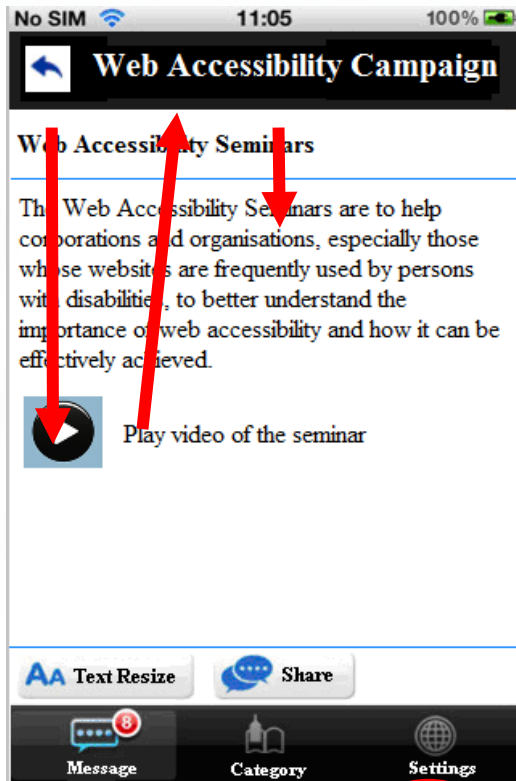

Source : http://www.gov.hk/en/about/govdirectory/mobilesites.htm

6. Meaningful Sequence

- Make sure the content is coded in a logical order
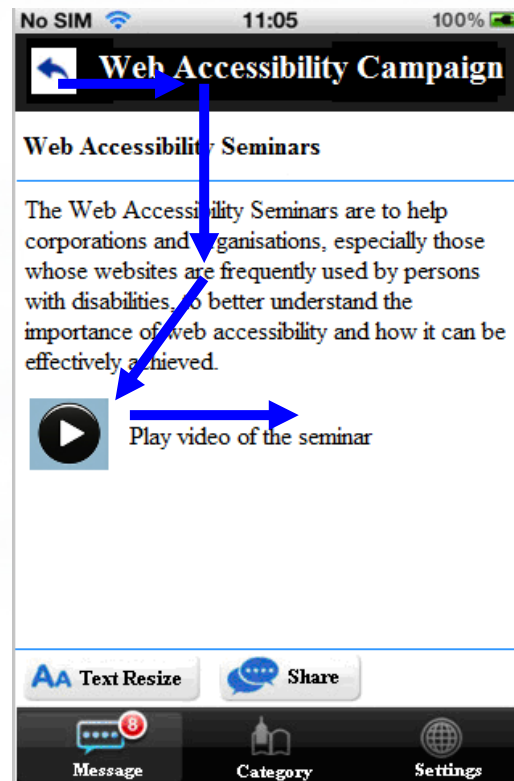
6. Meaningful Sequence

Testing: Manual Testing with Screen Reader

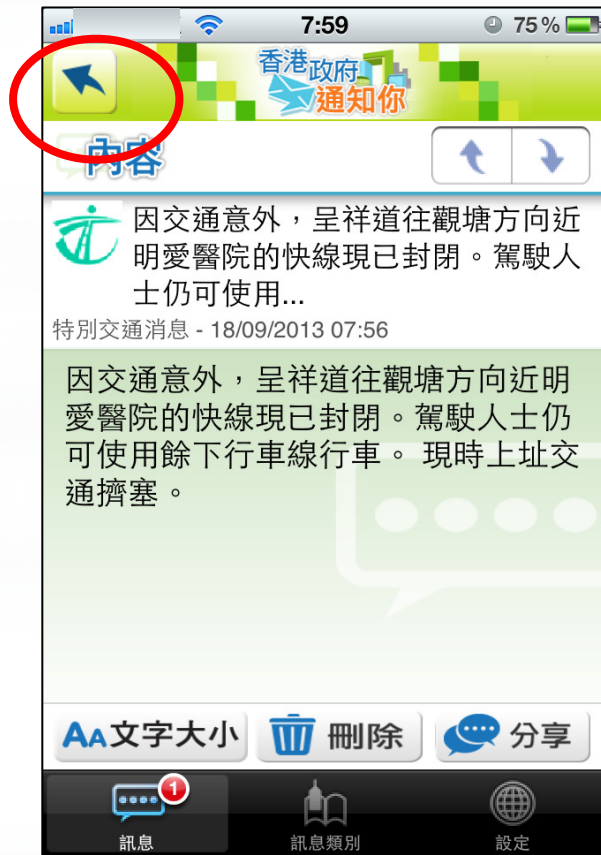Screen reader reads the information from left to right, top to bottom sequences

Source :
http://www.gov.hk/en/about/govdirectory/mobilesites.htm

7. Navigation

- Provide navigation for going backward

7. Navigation

Testing: Visual Review, Manual Test with Screen Reader

Source : http://www.gov.hk/en/about/govdirectory/mobilesites.htm

8. Links

- Provide clear and informative links
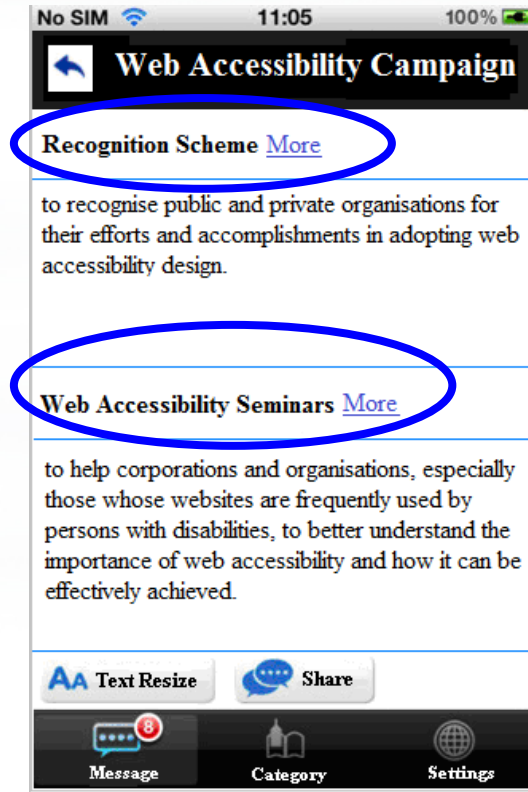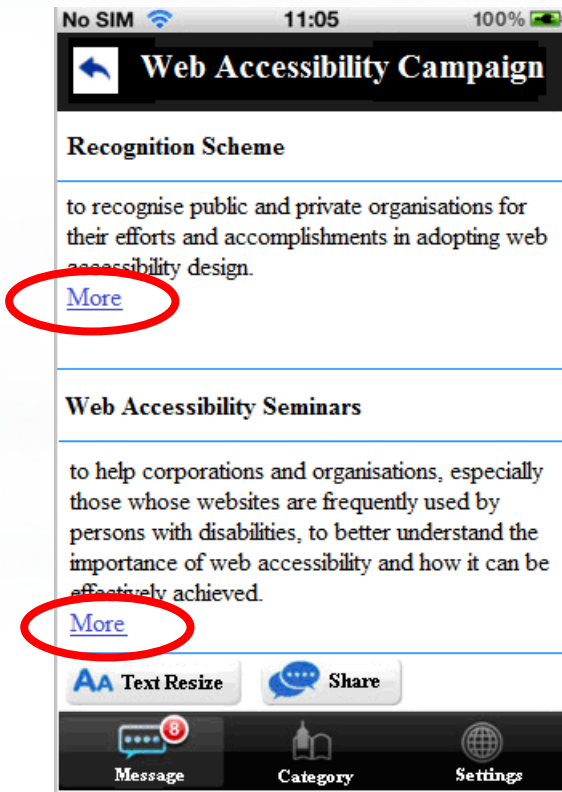
8. Links

Testing: Visual Review, Manual Testing with Screen Reader
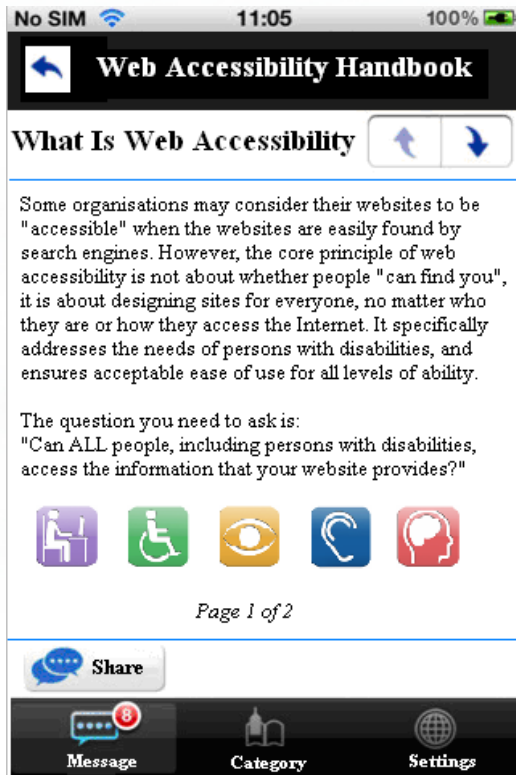

Source : http://www.gov.hk/en/about/govdirectory/mobilesites.htm

9. Text Resize

- Text resize function or text can be zoomed without loss of content

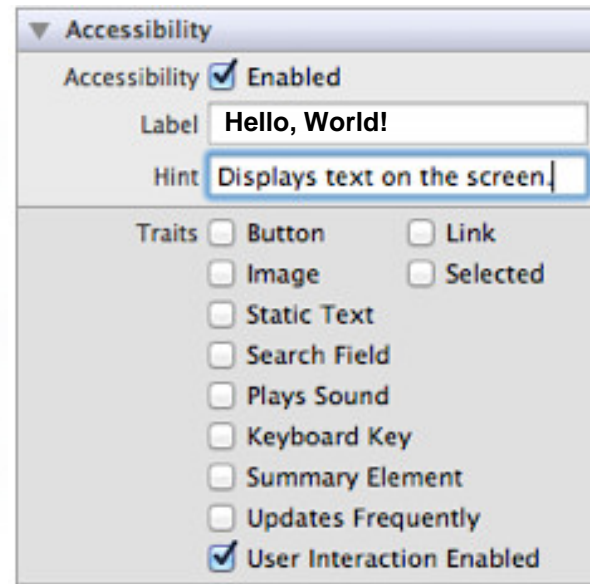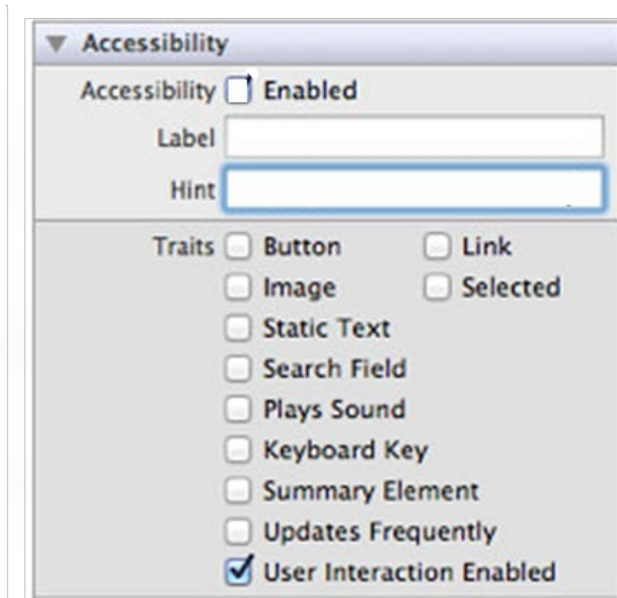# 9. Text Resize

Testing: Visual Review and Human Testing

Text resize without loss of content

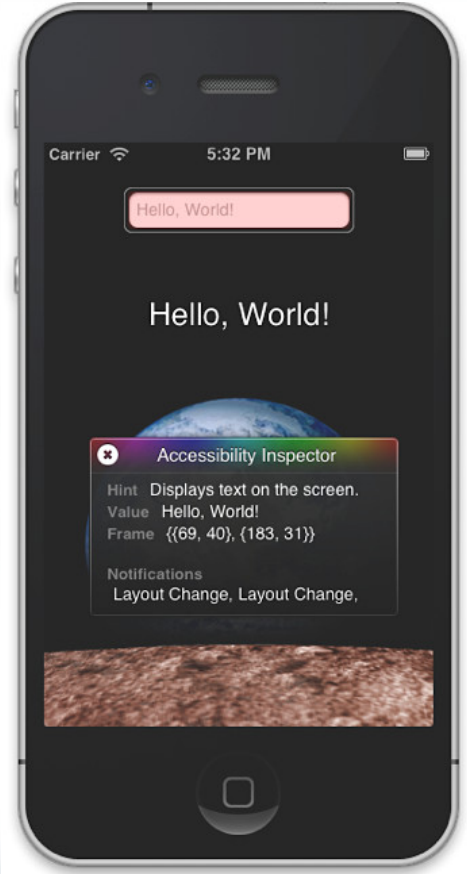Source : http://www.gov.hk/en/about/govdirectory/mobilesites.htm

10. Compatibility with screen reader

- Make sure all contents and functionalities are accessible by screen readers
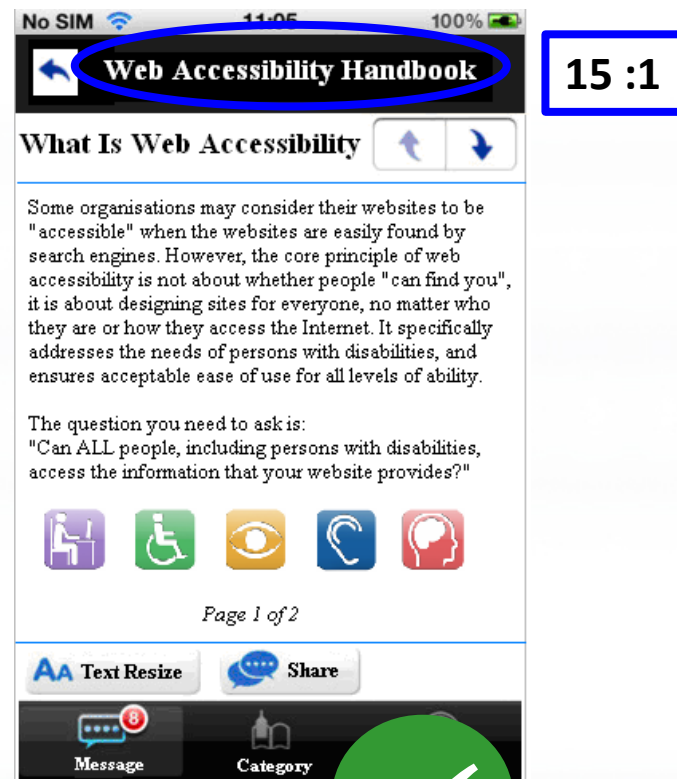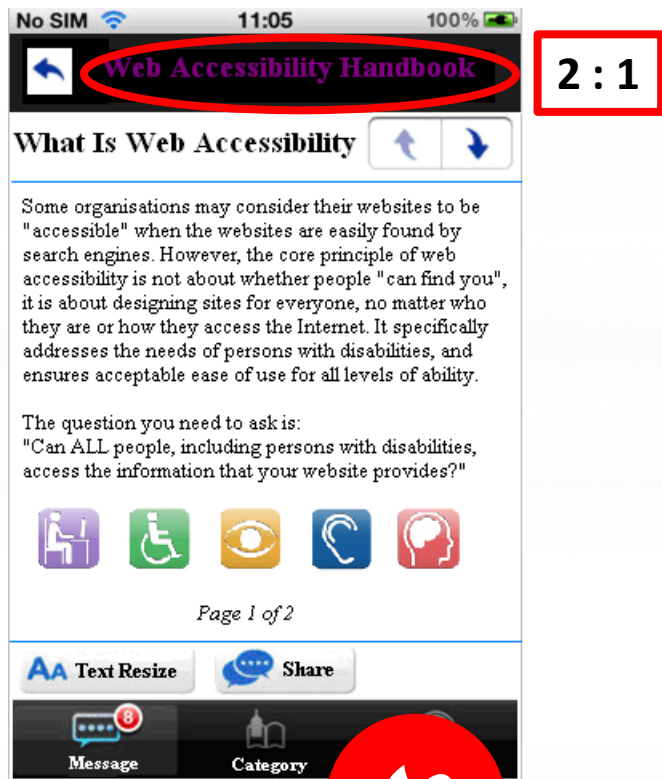
10. Compatibility with screen reader

Testing: Manual Testing with Screen Reader

11. Sufficient Colour Contrast

- The visual presentation of text and image of text has a contrast ratio of at least 4.5 : 1. Logo or brand name is exempted

2 : 1

15 :1

11. Sufficient Colour Contrast

Testing: Colour contrast check

http://snook.ca/technical/colour_contrast/colour.html

Foreground Colour:

\#007897

Red:

Green:

Blue:

Hue (°)

Saturation (%):

Value (%):

Background Colour:

\#F1F1F1

Red:

Green:

Blue:

Hue (°):

Saturation (%):

Value (%):

Results

This is example text. **Some of it bolded.** *Some of it italicized.*

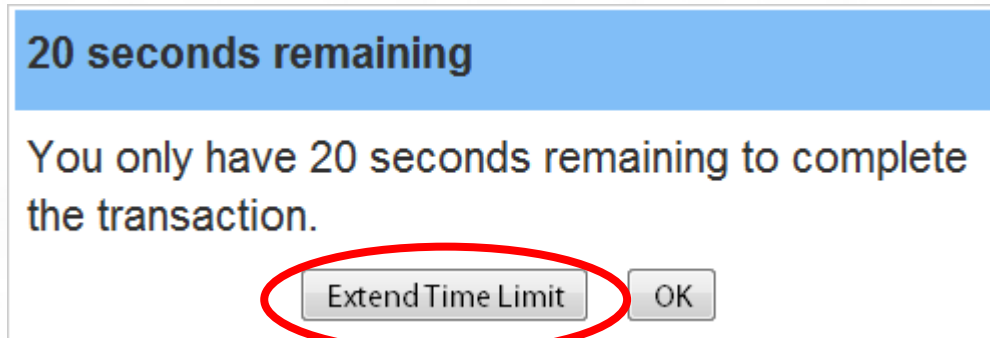|	
Brightness Difference: (>= 125)	153.34
Colour Difference: (>= 500)	452
Are colours compliant?	sort of..
Contrast Ratio	4.5
WCAG 2 AA Compliant	YES
WCAG 2 AA Compliant (18pt+)	YES
WCAG 2 AAA Compliant	NO
WCAG 2 AAA Compliant (18pt+)	YES

12. Time-limited Function

- Provide user enough time to read the content or operate the function
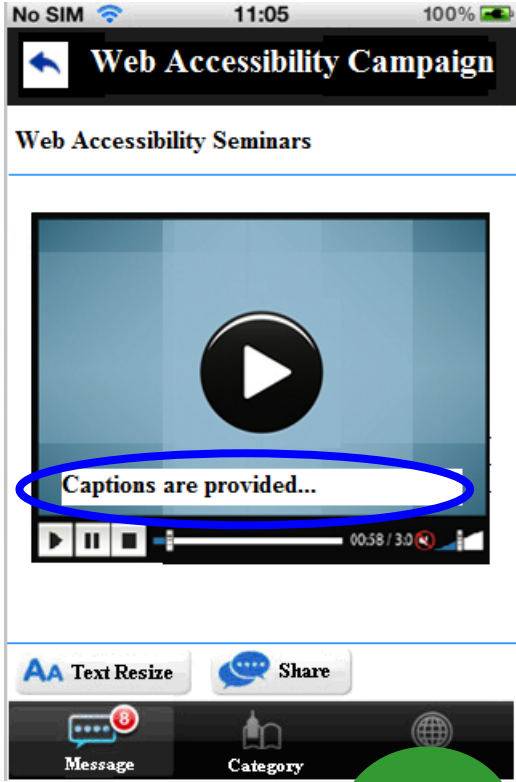
12. Time-limited Function

Testing: Visual Review, Manual Testing with Screen Reader

20 seconds remaining

You only have 20 seconds remaining to complete the transaction.

Extend Time Limit   OK

13. Video

- Provide captions or sign language for 30% of pre-recorded videos published in the recent 2 years

13. Video

Testing: Visual Review
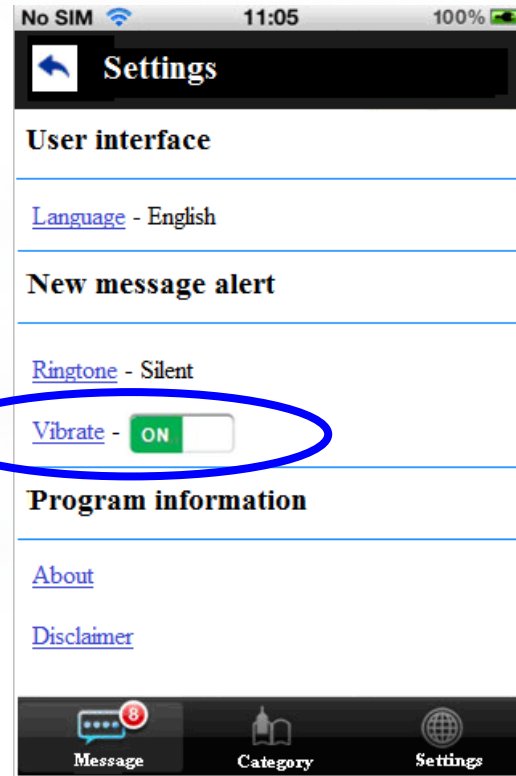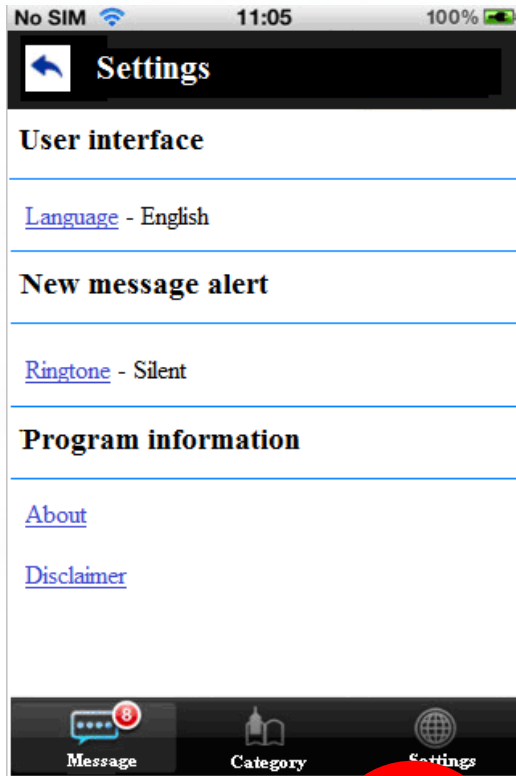

Source : http://www.gov.hk/en/about/govdirectory/mobilesites.htm

14. Notification

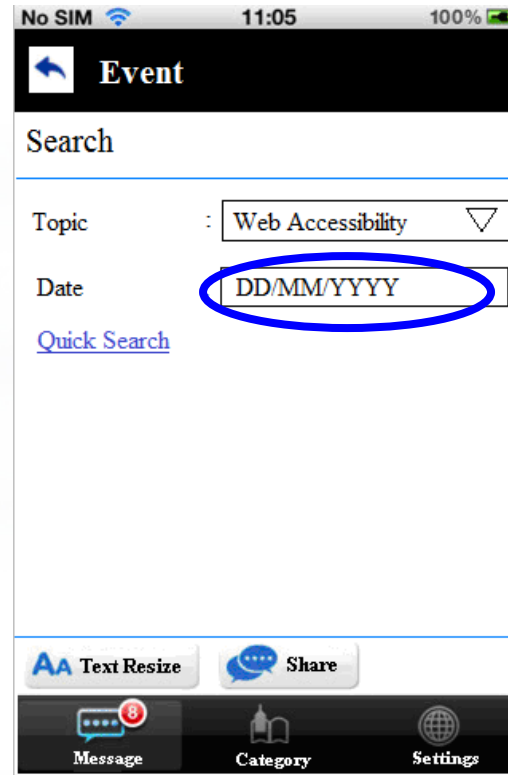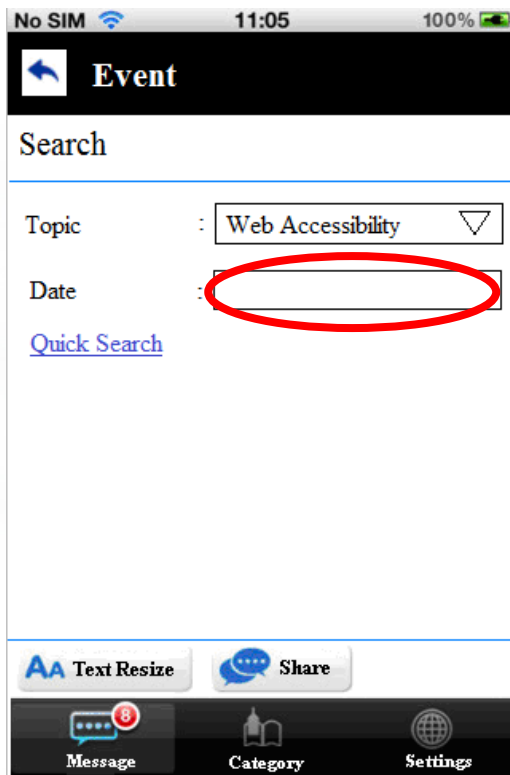- Provide alternative means for notification

14. Notification

Testing: Visual Review, Manual Testing with Screen Reader

15. Input Assistance

- Provide input assistance such as proper labels or instructions for user input

15. Input Assistance

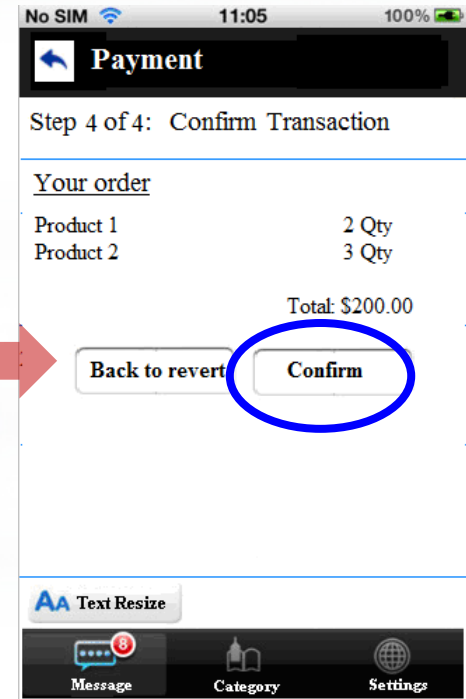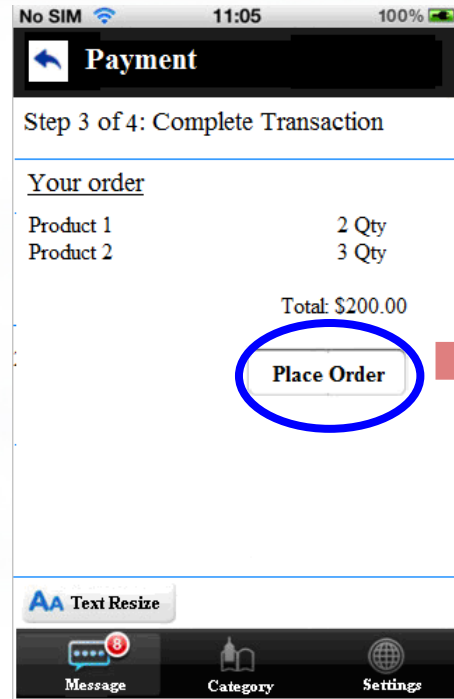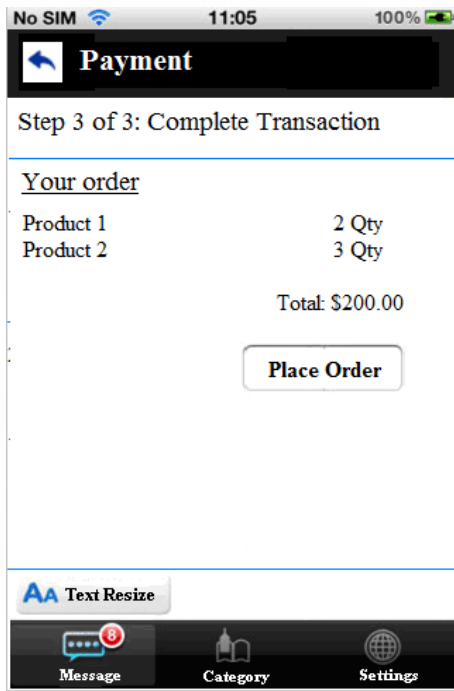*Testing:* Visual Review, Manual Testing with Screen Reader

Source : http://www.gov.hk/en/about/govdirectory/mobilesites.htm

16. Error Prevention

- Provide error prevention (allow reversible) for transactions for legal or financial transactions

16. Error Prevention

Testing: Manual Testing with Screen Reader

17. Popovers

- Provide means to close a popover screen.
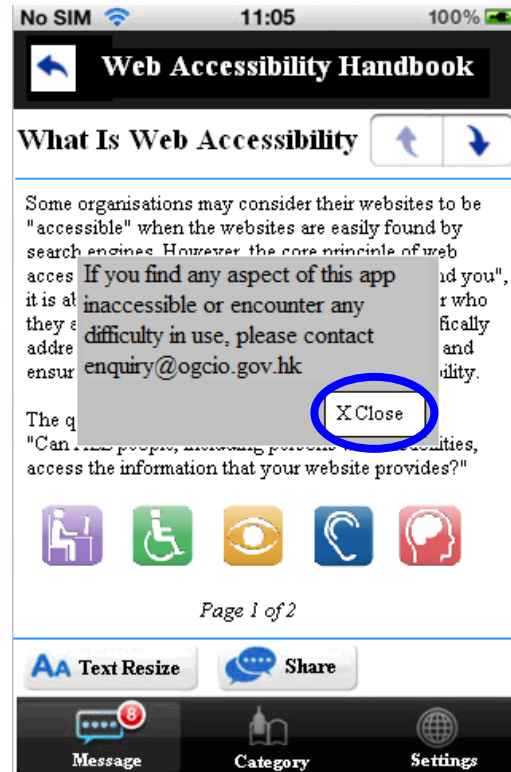
17. Popover

Testing: Visual Review, Manual Testing with Screen Reader

Source : http://www.gov.hk/en/about/govdirectory/mobilesites.htm
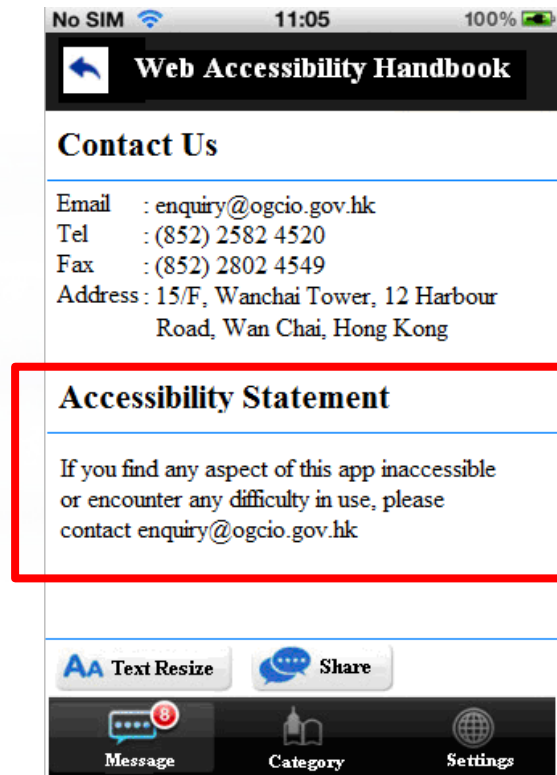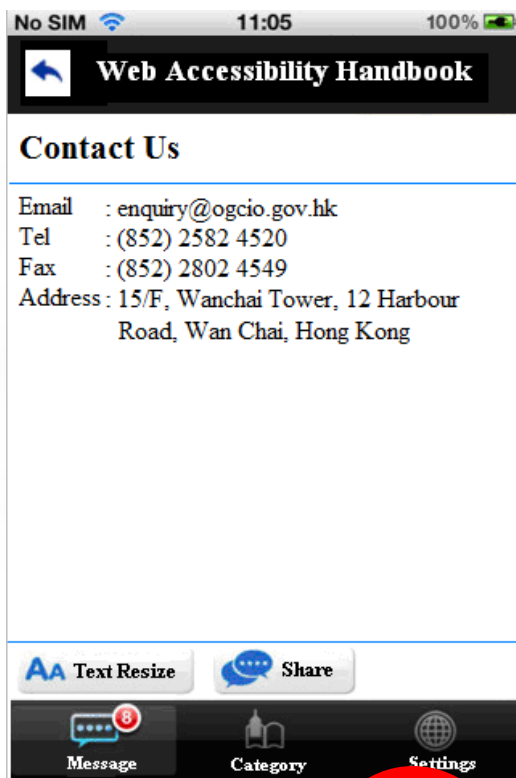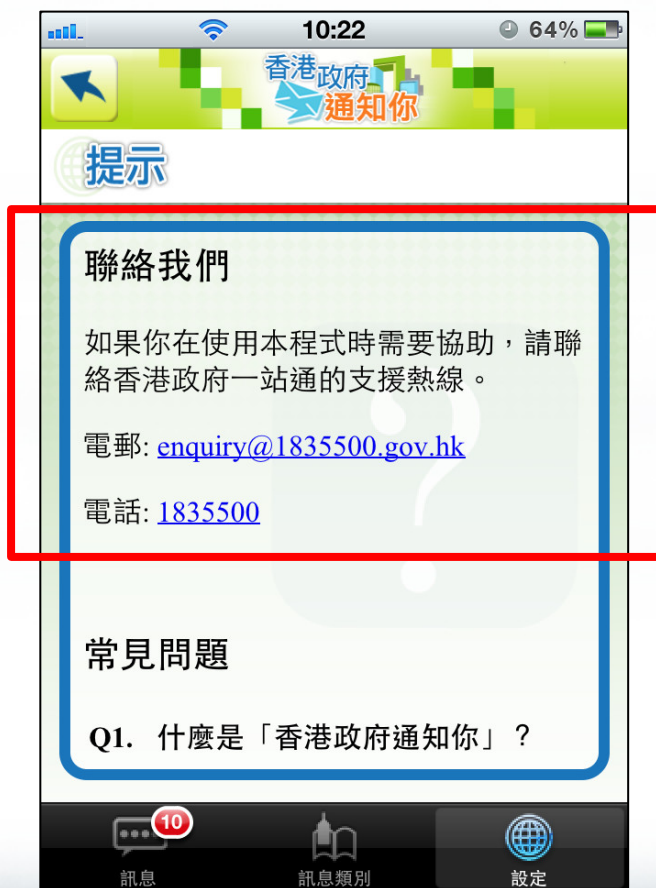
18. Accessibility Statement

- Provide contact points or email feedback as well as an accessibility statement

18. Accessibility Statement

Testing: Visual Review

Source :
http://www.gov.hk/en/about/govdirectory/mobilesites.htm

Thank you!