Seminar 9 for Lecture 8

March 25, 2015

1 Question 1:

Which is the role of personas in the accessibility studies?

- **a)** *They provide laws, regulations and guidelines for programmers to follow.*

- **b)** *They give a realistic view of the people we design for.*

- **c)** *They are the main stakeholders for any software being developed.*

- **d)** *They test that the software has all quality certifications in place.*

Answer: b. They give a realistic view of the people we design for.

Comments:

2 Question 2:

Which of the following assistive technologies is mainly used by blind users?

- **a)** *Screen reader.*

- **b)** *Split keyboard.*

- **c)** *Communication access real-time translation.*

- **d)** *Text configuration tools and settings.*

Answer: a. Screen reader. Note: Braille display/terminal could also be useful to blind people.

Comments:

3 Question 3:

Which of the following are the four principles of accessible web-content?

- **a)** *Security, interoperability, accuracy, maintainability.*

- **b)** *High-contrast, high-performance, responsiveness, accuracy.*

- **c)** *Easy to remember, easy to like, easy to modify, easy to maintain.*

- **d)** *Perceivable, operable, understandable, robust.*

Answer: d Ref. recommendations in Web Content Accessibility Guidelines (WCAG) 2.0: «At the top are four principles that provide the foundation for web accessibility»

Comments:

4   Question 4:

What does it mean that a user interface is operable?

- **I)** *All functionality is available from a keyboard.*

- **II)** *All user interface is navigable with a keyboard.*

- **III)** *All functionality can be operated by the same person.*

    Answer: a: I and II Ref. p. 25, Lecture 8: Operable - User interface components and navigation must be operable.

Comments:

5   Question 5: Open-end question

Compare the keyboard accessibility for the following websites: http://www.google.com; http://www.bing.com

Comments:

6 Question 6: Open-end question

Which do you think it's the easiest to forget about?

- Non-English speaker

- Deaf-mute

- Blind

- ARMG (age-related macular degeneration)

Wolfram-Alpha query 'English total number of speakers' 760 millions (guesstimate)
http://en.wikipedia.org/wiki/Languages_used_on_the_Internet: Top 10 million websites, 55 pst in English
Estimates of number of Internet users by language as of 31 May 2011: No 1: 27 pst English, No 2: 25 pst Chinese, No 3: 8 pst Spanish, ..., 11-36: 17 pst others
Comments: