

GUI Testing

Display

Images

- No jaggies or blurred images
- No broken images
- Image maps should match dimensions of image
- Are any unnecessary?
- Transparency works
- Can they be turned off and still display information? ALT/TITLE tags
- Size - esp. too large/too small
- Cropped correctly
- Are common graphics used for common actions?
- Limited colour palette

Style

- How does the page print
 - 'Wrapper' elements should not print
 - Is any content missing - e.g. large images, wide tables
- How does the page look if CSS is turned off (web apps only)
- Can user apply their own CSS? (web only)
- Does the page validate for correct HTML, DOCTYPE, CSS, etc. (web apps only)
- Use of emphasis - bold, italic, highlighting (see also Colour)

Colour

- How seen by colour blind users
- How does colour print?
- Are there too many colours?
- Can colours be changed by user, sys admin?
- Limited colour palette used
- Display on different monitors, resolutions
- How distinguish read-only fields?

Browsers and monitors

- Display in IE and FF
 - Turn off JavaScript
 - Mouseovers?
- Different monitors
 - PDA's
- Different resolutions
- Different Windows colour schemes
- Resize windows
 - What happens to screen elements?
 - Will new setting hold until user changes it?
- Resize fonts
 - What happens?
 - Will new setting hold?
- Cookies
 - Disable cookies - what happens?
- Frames
 - Are they used?
 - Can frame areas be opened independently?

Interface design

- Object placement
- Object alignment
- Logical flow - left to right, top to bottom
 - TAB through the page
 - Check visual layout
- Internationalisation
 - Right to left languages?
 - Long labels? Are fields placed relative to each other?
- Non-scrolling regions
- Is scrolling required? vertical? horizontal?
- Keyboard accessibility to all elements

Actions

- Command buttons
- Toolbar buttons
- Other buttons or visual indicators (e.g. calendar controls)
- Search (if available)
- Forms
 - Validation errors at time of error
 - On-screen user assistance

Text

- Check what...
 - Tooltips
 - Web - ALT/Title tags
 - Menu items
 - Field labels
 - Control/command buttons
 - Error messages
 - Validation errors
 - System errors
 - Other?
 - Toolbar buttons
- Check for...
 - Misspellings and typos
 - Correct punctuation
 - Correct capitalisation
 - US/UK/Aust English?
 - Plain English
 - Clear sentence structure
 - Parallel structure
 - Consistent wording (e.g. gerunds vs imperatives)
 - How will localisation affect text?

Links

- Navigational
 - Menu and submenu links
 - Breadcrumbs (if used)
 - Sidebar elements (if used)
 - Image links
 - Header and footer links
 - Back to top (if used)
 - Browse links (Next, Previous, Home, etc.)
 - Back, Forward (if used)
 - Links to Help topics
 - Page level?
 - Field level?
 - TOC only?
- External and internal
 - Links to other pages/files within site
 - Links to outside pages/files (URLs, mailtos, file links)
 - Links to sub-areas on THIS page
 - Popups (if used)
 - Is there a sitemap or similar?
- Display
 - Consistent display mechanisms for the same type of links (e.g. underline, hover colour, etc.)
- Wording
 - Avoid "Click here" wording