



Web Application & User Interface Testing Checklist



Web Application Testing Checklist

1. FUNCTIONALITY

1.1 LINKS

- 1.1.1 Check that the link takes you to the page it said it would.
- 1.1.2 Ensure to have no orphan pages (a page that has no links to it)
- 1.1.3 Check all of your links to other websites
- 1.1.4 Are all referenced web sites or email addresses hyperlinked?
- 1.1.5 If we have removed some of the pages from our own site, set up a custom 404 page that redirects your visitors to your home page (or a search page) when the user try to access a page that no longer exists.
- 1.1.6 Check all mailto links and whether it reaches properly

1.2 FORMS

- 1.2.1 Acceptance of invalid input
- 1.2.2 Optional versus mandatory fields
- 1.2.3 Input longer than field allows
- 1.2.4 Radio buttons
- 1.2.5 Default values on page load/reload(Also terms and conditions should be disabled)
- 1.2.6 Is Command Button can be used for HyperLinks and Continue Links ?
- 1.2.7 Is all the datas inside combo/list box are arranged in chronological order?
- 1.2.8 Are all of the parts of a table or form present? Correctly laid out? Can you confirm that selected texts are in the "right place?"
- 1.2.9 Does a scrollbar appear if required?

1.3 DATA VERIFICATION AND VALIDATION

- 1.3.1 Is the Privacy Policy clearly defined and available for user access?
- 1.3.2 At no point of time the system should behave awkwardly when an invalid data is fed
- 1.3.3 Check to see what happens if a user deletes cookies while in site
- 1.3.4 Check to see what happens if a user deletes cookies after visiting a site

2. APPLICATION SPECIFIC FUNCTIONAL REQUIREMENTS

2.1 DATA INTEGRATION

- 2.1.1 Check the maximum field lengths to ensure that there are no truncated characters?
- 2.1.2 If numeric fields accept negative values can these be stored correctly on the database and does it make sense for the field to accept negative numbers?
- 2.1.3 If a particular set of data is saved to the database check that each value gets saved fully to the database. (i.e.) Beware of truncation (of strings) and rounding of numeric values.

2.2 DATE FIELD CHECKS

- 2.2.1 Assure that leap years are validated correctly & do not cause errors/miscalculations.
- 2.2.2 Assure that Feb. 28, 29, 30 are validated correctly & do not cause errors/ miscalculations.
- 2.2.3 Is copyright for all the sites includes Yahoo co-branded sites are updated

2.3 NUMERIC FIELDS

- 2.3.1 Assure that lowest and highest values are handled correctly.
- 2.3.2 Assure that numeric fields with a blank in position 1 are processed or reported as an error.
- 2.3.3 Assure that fields with a blank in the last position are processed or reported as an error an error.
- 2.3.4 Assure that both + and - values are correctly processed.
- 2.3.5 Assure that division by zero does not occur.
- 2.3.6 Include value zero in all calculations.
- 2.3.7 Assure that upper and lower values in ranges are handled correctly. (Using BVA)

2.4 ALPHANUMERIC FIELD CHECKS

- 2.4.1 Use blank and non-blank data.
- 2.4.2 Include lowest and highest values.
- 2.4.3 Include invalid characters & symbols.
- 2.4.4 Include valid characters.
- 2.4.5 Include data items with first position blank.
- 2.4.6 Include data items with last position blank.

3. INTERFACE AND ERROR HANDLING

3.1 EXTERNAL INTERFACE

- 3.1.1 Have all supported browsers been tested?
- 3.1.2 Have all error conditions related to external interfaces been tested when external application is unavailable or server inaccessible?

3.2 INTERNAL INTERFACE

- 3.2.1 Can all linked documents be supported/opened on all platforms
- 3.2.2 Are failures handled if there are errors in download?
- 3.2.3 Can users use copy/paste functionality? Does it allow in password/CVV/credit card no field?
- 3.2.4 Are you able to submit unencrypted form data?

3.3 INTERNAL INTERFACE

- 3.3.1 If we leave the site in the middle of a task does it cancel?
- 3.3.2 If we lose our Internet connection does the transaction cancel?
- 3.3.3 Does our solution handle browser crashes?
- 3.3.4 Does our solution handle network failures between Web site and application servers?
- 3.3.5 Have you implemented intelligent error handling (from disabling cookies, etc.)?

4. COMPATIBILITY

4.1 BROWSERS

- 4.1.1 Is the HTML version being used compatible with appropriate browser versions?
- 4.1.2 Do images display correctly with browsers under test?
- 4.1.3 Verify the fonts are usable on any of the browsers
- 4.1.4 Is Java Code/Scripts usable by the browsers under test?
- 4.1.5 Have you tested Animated GIFs across browsers?

4.2 VIDEO SETTINGS

- 4.2.1 Screen resolution (check that text and graphic alignment still work, font are readable etc.) like 1024 by 768, 600x800, 640 x 480 pixels etc
- 4.2.2 Colour depth (256, 16-bit, 32-bit)

4.3 CONNECTION SPEED

4.3.1 Does the site load quickly enough in the viewer's browser within 8 Seconds?

4.4 PRINTERS

4.4.1 Text and image alignment

4.4.2 Colours of text, foreground and background

4.4.3 Scalability to fit paper size

4.4.4 Tables and borders

4.4.5 Do pages print legibly without cutting off text?

User Interface Testing Checklist

1. USER INTERFACE

1.1 COLORS

- 1.1.1 Are hyperlink colors standard?
- 1.1.2 Are the field backgrounds the correct color?
- 1.1.3 Are the field prompts the correct color?
- 1.1.4 Are the screen and field colors adjusted correctly for non-editable mode?
- 1.1.5 Does the site use (approximately) standard link colors?
- 1.1.6 Are all the buttons are in standard format and size?
- 1.1.7 Is the general screen background the correct color?
- 1.1.8 Is the page background (color) distraction free?

1.2 CONTENT

- 1.2.1 All fonts to be the same
- 1.2.2 Are all the screen prompts specified in the correct screen font?
- 1.2.3 Does content remain if you need to go back to a previous page, or if you move forward to another new page?
- 1.2.4 Is all text properly aligned?
- 1.2.5 Is the text in all fields specified in the correct screen font?
- 1.2.6 Is all the heading are left aligned
- 1.2.7 Does the first letter of the second word appears in lowercase? Eg:

1.3 IMAGES

- 1.3.1 Are all graphics properly aligned?
- 1.3.2 Are graphics being used the most efficient use of file size?
- 1.3.3 Are graphics optimized for quick downloads?
- 1.3.4 Assure that command buttons are all of similar size and shape, and same font & font size.
- 1.3.5 Banner style & size & display exact same as existing windows
- 1.3.6 Does text wrap properly around pictures/graphics?
- 1.3.7 Is it visually consistent even without graphics?

1.4 INSTRUCTIONS

- 1.4.1 Is all the error message text spelt correctly on this screen?
- 1.4.2 Is all the micro-help text(i.e tool tip) spelt correctly on this screen?
- 1.4.3 Microhelp text(i.e tool tip) for every enabled field & button
- 1.4.4 Progress messages on load of tabbed(active screens) screens

1.5 NAVIGATION

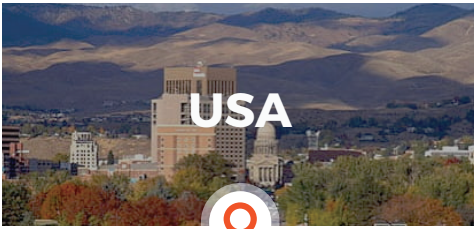
- 1.5.1 Are all disabled fields avoided in the TAB sequence?
- 1.5.2 Are all read-only fields avoided in the TAB sequence?
- 1.5.3 Can all screens accessible via buttons on this screen be accessed correctly?
- 1.5.4 Does a scrollbar appear if required?
- 1.5.5 Does the Tab Order specified on the screen go in sequence from Top Left to bottom right? This is the default unless otherwise specified.
- 1.5.6 Is there a link to home on every single page?
- 1.5.7 On open of tab focus will be on first editable field
- 1.5.8 When an error message occurs does the focus return to the field in error when the user cancels it?

1.6 USABILITY

- 1.6.1 Are all the field prompts spelt correctly?
- 1.6.2 Are fonts too large or too small to read?
- 1.6.3 Are names in command button & option box names are not abbreviations.
- 1.6.4 Assure that option boxes, option buttons, and command buttons are logically grouped together in clearly demarcated areas "Group Box"
- 1.6.5 Can the typical user run the system without frustration?
- 1.6.6 Do pages print legibly without cutting off text?
- 1.6.7 Does the site convey a clear sense of its intended audience?
- 1.6.8 Does the site have a consistent, clearly recognizable "look-&-feel"?
- 1.6.9 Does User can Login Member Area with both UserName/Email ID ?
- 1.6.9 Does the site look good on 640 x 480, 600x800 etc.?
- 1.6.10 Does the system provide or facilitate customer service? i.e. responsive, helpful, accurate?
- 1.6.11 Is all terminology understandable for all of the site's intended users?



www.capitalnumbers.com



500 S 8th St, Boise, ID 83702
(888) 269-7259



EN 66, 3rd Floor, Salt Lake City,
Sector V, Kolkata 700091,
West Bengal, India
+91-33-40032103
info@capitalnumbers.com



15/9 Ocean St, Maroochydore,
QLD 4558
1300 790 242

