

Website Testing Checklist prior to Hosting - (Sample Checklist)

Web testing checklist is a very powerful fact-gathering tool deployed to ensure that our new web application behaves as expected when launched before the public.

How to use the following checklist:

- 1) We record the conditions or observed results by marking a checkmark in either of the 2 - data columns against various check points or defect statements on the checklist.
- 2) A checkmark in the "Yes" column against an item indicates that the checkpoint or the defect statement is True.
- 3) A checkmark in the "N/A" column against an item indicates that the checkpoint or the defect statement is not applicable.
- 4) The checklist can be customized & additional columns like "Comments" etc. may be added which could provide useful assistance during analysis.

Sr.	Check Point / Defect Statement	Check Mark (✓) the Appropriate Column	
		Yes	N/A
Checks for Functionality of Links (Checks aimed at all links in the website)			
1.	Internal links wherever present, are functioning or not?		
2.	External links wherever present, are functioning or not?		
3.	Mail to links wherever present, are opening the mailbox or not?		
4.	Whether any orphan pages are present or not?		
5.	Whether any broken links are present or not?		
Checks for Functionality & Integrity of Data Entry Forms			
6.	Whether field level checks carried out like checks for length, special characters, numerical characters etc.?		
7.	Whether field level validation carried out like checks for unique records, date validation etc.?		
8.	Whether functional checks carried out like Create, Modify, View and Delete are functioning properly?		
9.	Whether checks for error handling for wrong inputs or actions carried out like proper error messages are getting displayed or not?		
10.	Whether checks for optional and mandatory fields carried out like a mandatory field should not be left blank and an optional should allow the user to skip the field.		

Functionality Checks for Cookies			
(Checks aimed at enabling cookies & how to clear them)			
11.	Whether cookies are enabled according to the requirement of the project?		
Functionality Checks for Web Indexing			
(Checks aimed at ensuring that the website is searchable in variety of ways)			
12.	Whether Meta tags are present or not?		
13.	Whether Syntax of html are valid or not?		
14.	Whether Frames are Ok or not?		
Functionality Checks for Databases			
(Checks aimed at ensuring correct functionality of the database & not its content & with a focus on the output errors)			
15.	checks for database for its data integrity carried out like any missing or wrong data present in the database or not?		
16.	Whether checks for database for Output Errors carried out like any errors in writing, reading or editing operations present in the database or not?		
Usability Checks for Navigation			
(Checks aimed at ensuring proper user navigation within a page, between various user interface controls like buttons, boxes, lists, windows etc.)			
17.	Whether Navigation through Mouse is proper or not?		
18.	Whether Navigation through Tab is proper or not?		
19.	Whether main features are accessible from the Home page / Main page		
20.	Whether Hot Keys, Control Keys for menus or actions are present or not?		
Usability Checks for Content			
(Checks aimed at ensuring the availability of information on the website that is true & is free from errors that may be either grammatic or spelling mistakes)			
21.	Whether Content has been checked for mistakes in spelling and grammar or not?		
22.	Whether content has been checked for being the latest & obsolete information has been deleted or not?		
Usability Checks for General Appearance			
23.	Whether page appearance is proper without any overlapping, missing information?		

24.	Whether color, font and sizes are as per the standard or not?		
25.	Whether all frames are getting displayed or not?		
26.	Whether layout and design of every part of the website is consistent or not?		
Checks for Server Interfaces			
27.	Communication among web server, application server and Database server		
28.	Whether compatibility among server hardware, Software, network connections is proper or not?		
29.	Whether database compatibility has been checked for its easy portability to any other database.		
Checks for Client side Compatibility			
30.	Whether checks have been performed for operation on platforms like Windows2000, NT, Unix, Linux, Solaris, Macintosh etc.?		
31.	Whether checks have been performed for proper function with browsers like Internet Explorer Netscape Navigator 3.x & above?		
32.	Whether loading of images & graphics is proper?		
33.	Whether text and alignment is proper during printing?		
34.	Whether colors of text, foreground and background are readable & proper during printing?		
35.	Whether scalability to fit on the desired paper size is proper? For example, it should be possible to print in A4, A3 or Letter size etc.		
Performance related Checks for Connection speed			
36.	Whether connection speed is measured in 14.4, 28.8, 33.6, 56.6, ISDN, Cable and DSL?		
37.	Whether proper timeout is provided to search or not? Whether incorrect messages are getting displayed & data loss is not there?		
Performance related Checks for Users Load			
38.	Whether load requirements have been estimated as per user requirements or not?		
39.	Whether application is able to withstand the peak loads or not?		
40.	Whether application is able to accept large amount of data from the users or not?		
41.	Whether application or system crashes under stress conditions or not?		

42.	Whether any error in Software, Hardware or Memory like Leakage, overwrite observed or not?		
43.	Whether the application remains available for 24 Hrs, 7 days a week or not? Whether this aspect has been checked with different timings?		
44.	Whether downtime has been measured when application went down due to continuous use?		
45.	Whether adequate memory or disk space has been provided to the application to sustain continuous usage?		
Security related Checks			
46.	Whether a user is able to enter the application with Invalid login?		
47.	Whether a limit of maximum 3 tries for an invalid login provided or not?		
48.	Whether log files are maintained or not?		
49.	Whether access to server scripts authentication provided or not?		