## Usability Framework

Usability testing is the process by which the human-to-computer interaction characteristics of a system are measured and weaknesses are identified for correction.

In testing the functionality of the websites, the following should be tested:

|  |  |  |
| --- | --- | --- |
| **Links**  i. Internal Links  ii. External Links  iii. Mail Links  iv. Broken Links | **Forms**  i. Field validation  ii. Error message for wrong input  iii. Optional and Mandatory fields | **Database**  Testing will be done on database integrity. |

**Test for Navigation:**

Navigation means how a user surfs the web pages, different controls like buttons, boxes, or how the user uses the links on the pages to surf different pages.

**Usability Testing includes the following:**

* The website should be easy to use.
* The instructions provided should be very clear.
* Check if the instructions provided are perfect to satisfy its purpose.
* ­The main menu should be provided on each page.
* It should be consistent enough.

**Content Checking:**

Content should be logical and easy to understand. Check for spelling errors. The usage of dark colors annoys the users and should not be used in the site theme. Not annoying colors, fonts, frames, etc.

Content should be meaningful. All the anchor text links should be working properly. Images should be placed properly in proper sizes.

**Usability:**

|  |  |  |
| --- | --- | --- |
|  | Comments |  |
| Ease of learning |  |  |
| Navigation |  |  |
| Subjective User Satisfaction |  |  |
| General Appearance |  |  |
| Content Checking |  |  |

**OS Compatibility:**

Some functionality in your web application is that it may not be compatible with all operating systems. test the web application on different operating systems like Windows, MAC, Linux.

**Mobile Browsing:**

Test your web pages on mobile browsers. Compatibility issues may be there on mobile devices as well.

**Printing Options:**

If you are giving page-printing options then make sure fonts, page alignment, page graphics, etc., are getting printed properly.

**Compatibility:**

|  |  |  |
| --- | --- | --- |
|  | Comments |  |
| Browser Compatibility |  |  |
| Operating system compatibility |  |  |
| Mobile browsing |  |  |
| Printing |  |  |