## Functionality Framework

## The functionality of the site will rely on thorough testing of all site aspects.

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. |

**Cookie Testing:**

Cookies are small files stored on the user’s machine. These are essentially used to maintain the session – mainly the login sessions. Test the application by enabling or disabling the cookies in your browser options.

**Validate your HTML/CSS:**Mainly validate the site for HTML syntax errors. Check if the site is crawlable to different search engines.

**Database Testing:**

Data consistency is very important in a web application. Check for data integrity and errors while you edit, delete, modify the forms, or do any DB-related functionality.

Check if all the database queries are executed correctly, data is retrieved, and updated correctly. More on database testing could be a load on DB.

**Check out all the links:**

|  |  |  |
| --- | --- | --- |
|  | Comments |  |
| Test the outgoing links from all the pages to the specific domain under test |  |  |
| Test all internal links |  |  |
| Test links jumping on the same page |  |  |
| Test links are used to send emails to admin or other users from web pages |  |  |
| Test to see if there are any orphan pages |  |  |
| Check for broken links in all the above-mentioned links |  |  |

**Test forms on all pages:**

Forms are an important part of many websites. Forms are used for receiving information from users and interacting with them.

|  |  |  |
| --- | --- | --- |
|  | Comments |  |
| Check Validation on each field |  |  |
| Check for default values I the fields |  |  |
| Incorrect inputs in the forms to the fields in the forms |  |  |