# Testing Protocol Details

A test suite is a set of test cases that are executed consecutively until certain outage requirements are fulfilled. Preparing the test suite requires methodical development and allocation of test cases based on the specific testing approach are used. The final product must go through different testing method to meet most of the client requirement.

The first step is to make sure your website is operational on the network server of your choice. Ensure that all files are moved to the relevant network drive using the XAMPP program and that the necessary file permissions are specified in this case. To access the website, use a temporary URL. It is also vital to ensure that MySQL and its components are operational.

# Methods Tools

After the website has been published, the primary technique of testing it is to run it in a web browser (Google Chrome, Microsoft Edge, opera browsers) and confirm its functioning in a mobile browser (Apple's iOS browser Safari). It is the most prevalent web browsers available to today's clients; consequently, ensure that your website functions in those browsers. Additionally, confirm that the website is accessible through the temporary URL specified by the network server. Otherwise, the webpage will not be seen in any online browser. This test method provides a real-time user experience without evaluating the system's essential operations. HTML and PHP coding are supported, allowing you to test the full functionality of your website.

# The Test Table

Each test is documented in a table that includes the results as well as other information about the exam. The test table is separated into sections for each web page, and each test is given a number. Each test is included in the table below one of the categories.

* Case number: Test number that are done.
* Action: To be done.
* Input: User giving/ clicking button.
* Expected output: After user give input, expected output is written.
* Actual output: Is output is appeared as per expected output then actual output is written.
* Browser test: In which browser is the test done.
* Test result: Is test result is pass or fail is written.
* Test comment: comment is written after test is done.

# Efficiency Testing

Keep note of other criteria in your test table while evaluating your website, such as: B. how well is it done? This capability has been added to the test table. One feature of effective websites, for example, is that they load quickly. Load time is a term that is commonly used when discussing computers, particularly in the context of live television. In this circumstance, you don't need a website that takes a long time to load since it will be difficult for visitors who find your website to access it. A timer is used to measure the first load time of the webpage. This is noted in the test table comments for the initial load of the website. To be clear, the tests were performed on all three of the aforementioned web browsers: Google Chrome, Microsoft Edge, and Apple Safari IOS. Increase.

# Conclusion

Finally, the testing step is critical in the manufacturing of digital or physical objects, as well as the website (which is the basis of this report). Customers should be provided clear information not just about products and services, but also about the need for repairs.