**Browser Testing Tools**

Cross browser testing is an essential process for ensuring that a website or web application works effectively and consistently across multiple web browsers. Because different browsers interpret HTML, CSS, and JavaScript code differently. It's crucial to test them across various browsers to identify any compatibility issues in appearance or functionality.

To achieve this. Developers and quality assurance (QA) professionals work together to ensure that the code is compatible with different browsers and thoroughly test it on various browser platforms for discrepancies or functional issues.

There are several methods of conducting cross browser testing, including manual testing, virtual machines and emulators. And cloud based testing platforms.

Manual testing allows for a comprehensive understanding of how the website or application behaves in different environments but can be time consuming. Virtual machines or emulators offer a way to simulate different browser configurations without the need for multiple physical devices while cloud based testing platforms provide quick and scalable cross browser testing capabilities.

Several tools are available to facilitate cross browser testing such as Selenium- an open source framework that enables automation of browser testing- which supports multiple programming languages & integrates with various browsers too.

Additionally. Browser Stack Another cloud based platform offering a vast range of browsers & devices for cross browser testing too. With capabilities for both manual and automated procedures available on this platform, it meets diverse testing needs.