1. What is cross-browser testing?

Cross browser testing is an evaluation of a website's performance and appearance across different web browsers and platforms. It tests the compatibility of the website's HTML, CSS, and JavaScript code with different browser engines. The end goal is to create a consistent experience across different browser platforms.

1. Why should I do cross-browser testing?

Cross browser testing ensures multiple things. It maintains consistency across different browsers and platforms, creating a uniform experience. This consistency ensures the users satisfaction with the website. This testing also makes a website more accessible to a wider audience.

1. Who should perform cross-browser testing?

Cross-browser testing should be performed by developers, both front and back-end. For beginning developers it's a good chance to become more familiar with the website or programs.

1. How is cross-browser testing done?

Browser testing can be done either manually or through automation. Manually testing is done by checking your work through different browsers and programs, one by one. Automated testing helps to speed up the cross-browser process. Frameworks such as Selenium WebDriver and Cypress allow developers to create test scripts that automatically execute predefined test cases across multiple browsers and platforms. Automated testing reduces human effort and ensures thorough testing coverage.

1. What tools are available for cross-browser testing?

Browser Developer Tools: Modern web browsers come with built-in developer tools, such as Chrome DevTools and Firefox Developer Tools. These tools provide insights into code execution, performance, and browser-specific rendering. Online Cross-Browser Testing Platforms such as: BrowserStack and similar platforms online services for testing websites on various browsers. Cloud-based testing services like CrossBrowserTesting provide virtual machines with different browser configurations. They allow developers to test websites without the need for locally installed browsers, simplifying the testing process.