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Web App Dev Summary

The action of web development is to provide a functional user interface for a user so that they can easily interact with the website. Although it sounds like a vague subject area, website development entails the development of nearly all online interactions, such as online banking, social media, or online shopping.

In the field of creating web applications, there are two main categories of coding: client-side scripting and server-side scripting. Client-side scripting is the writing of code that is executed by web browsers, such as HTML, CSS, or JavaScript. Server-side scripting, however, is the type of code that is executed by the web server, essentially as a backend language, such as: PHP, ASP.net, or Ruby on Rails. To operate on these web applications, frameworks are used in order to create a well-designed interface easier by allowing developers to easily share libraries amongst each other and allow each other to be familiar with their code in a shorter amount of time. For server-side scripting specifically, there are many debates about which platform is the best out of PHP, ASP.net, or Ruby on Rails. PHP is the most popular out of the three, due to it being an open-source platform able to run on any platform, while ASP.net can only run on the Windows platform, and Ruby on Rails is just a web framework and not a programming language.

The demand for more companies to invest in web development is growing rapidly, where a well-built website will result in increased reach to more consumers and businesses. Having a well-designed website will also allow the company to innovate further upon their brand, and further elevate their brand.