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It's no secret that in our time people are dependent on the Internet. That why web developing is so popular.

Web development is a broad term for the work involved in developing a web site for the Internet (World Wide Web) or an intranet (a private network). Web development can range from developing the simplest static single page of plain text to the most complex web-based internet applications (or just web apps) electronic businesses, and social network services. Web development includes: web engineering, web design, web content development, client liaison, client-side/server-side scripting, web server and network security configuration, and e-commerce development. Among web professionals, web development usually refers to the main non-design aspects of building web sites: writing markup and coding. Most recently Web development has come to mean the creation of content management systems or CMS. These CMS can be made from scratch, proprietary or open source. In broad terms the CMS acts as middleware between the database and the user through the browser. A principle benefit of a CMS is that it allows nontechnical people to make changes to their web site without having technical knowledge.

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For larger organizations and businesses, development teams can consist of hundreds of people. Smaller organizations may only require a single permanent or contracting developer, or secondary assignment to related job positions such as a graphic designer or information systems technician. Web development may be a collaborative effort between departments rather than the domain of a designated department. There are two kinds of web developer specialization: front-end and back-end developers. Front-end developers deal with the layout and visuals of a website, while back-end developers deal with the functionality of a website. Back-end developers will program in the functions of a website that will collect data.

Front-end web development is the practice of producing HTML, CSS and usually JavaScript for a website or Web Application so that a user can see and interact with them directly. Front-end languages are HTML, CSS, JavaScript.

The back end of a website is a combination of technology and programming that powers a website, the behind-the-scenes functionality or brain of a site. This back end of a website consists of three parts that a user never sees: a server, an application, and a database. Back-end developers use languages like PHP, Ruby, Python, Java, and .Net to build an application, and tools like MySQL, Oracle, and SQL Server to find, save, or change data and serve it to the user in front end code.

In development is often used MVC (Model-View-Controller) is an architectural pattern commonly used for developing user interfaces that divides an application into three interconnected parts. This is done to separate internal representations of information from the ways information is presented to and accepted from the user. The MVC design

pattern decouples these major components allowing for efficient code reuse and parallel development [1].

## References:

1. Wikipedia [Electronic resource]. – Mode of access: https://en.wikipedia.org/wiki/Web\_development\_tools. – Date of access: 02.04.2018.