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COMPARATIVE CHARACTERISTICS OF EDUCATIONAL PLATFORMS MOODLE AND CODECADEMY

The development of modern technologies and methods to access them, and the rapid development of Ukrainian-language content on the Internet are the factors that have changed the way and the approach to teaching and learning processes.

The efficiency of e-learning depends on using the latest technologies. Features and specifications of e-learning should provide the most effective student and teacher interaction in the framework of this study.

Software for distance learning is presented as simple static HTML pages and complex systems, learning management and learning content (Learning Content Systems Management), used in corporate computer networks. The successful implementation of e-learning is based on the correct choice of software to meet specific requirements. The purpose of this article is to study the concept of distance learning and the benefits of using learning platforms for its implementation and to compare the Moodle and Codecademy platforms.

Moodle is a content management system (CMS), developed by the Australian programmer.[1] Moodle is a free web-based application. This project allows teachers to create their own websites for online learning. Nowadays a great number of higher educational institutions use this system. Moodle is created in PHP, has an open source code and many possibilities so students can study the material, do tests and home task, use voice chat to communicate with each other and with a teacher. Each teacher can create a course to teach the students online. Students can also work with several courses at a time.[2] Moodle system is one of the most popular nowadays.

Codecademy is an interactive platform that offers free lessons of coding using seven different programming languages, including Python, PHP, JQuery, JavaScript, Ruby, HTML and CSS. Working with Codecademy, each user has his own profile. Codecademy offers a variety of features such as feedback, personal rating, etc.[3] There is also CSS and HTML glossaries available in every article. The learning platform allows the users to create and publish new courses using the Creator tool.

Codecademy is also a forum where enthusiasts, beginners and professional programmers can study together and help each other. There is also a "sandbox" where users can test their code.

Possibilities of complex use of synchronous, asynchronous and remote learning have been studied in the article. Our future effort will be devoted to the analysis of ways and efficient usage of software to improve the learning process, and make it easier and available for the students.

LITERATURE

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2. Навчання на відстані або трошки про Moodle. [Електронний ресурс] – режим доступу: URL: <http://habrahabr.ru/post/56697/1> – Назва з екрану.
3. Codecademy [Електронний ресурс] – режим доступу: URL: <http://www.codecademy.com/glossary/html/#comments> – Назва з екрану.