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THE ANALYSIS OF CREATING SITES

Nowadays, technology development has reached its highest peak, surprising us by various discoveries that make our lives more comfortable and better. But much more remains unexplored and requires additional research. Computer technology is the most relevant in the modern era of computer progress and creation of websites occupies a leading position in the world development. CMS Joomla is one of the most popular managers for creating web sites and online applications. Its features allow an ordinary user to create websites without a lot of knowledge and to write new applications and sites by using different languages such as JavaScript professionally.

Sites that were created on Joomla are widely used by corporations, educational institutions (Oklahoma State University), art historians (Philbert Photography), academicians and so on, ranging from huge companies to individuals. Market for CMS Joomla took the 2nd place for use after CMS WordPress [1].

The purpose of this article is to consider the variety of tools for creating sites and study the basic features of the Joomla system. CMS (Content Management System) is an information system or a computer program to support and organize the joint process of creating, editing and content management. Web pages, which are the building blocks of websites, are documents, typically composed in plain text interspersed with formatting instructions of Hypertext Markup Language (HTML, XHTML). They may incorporate elements from other websites with suitable markup anchors. Web pages are accessed and transported with the Hypertext Transfer Protocol (HTTP), which may optionally employ encryption (HTTP Secure, HTTPS) to provide security and privacy for the user. The user's application, often a web browser, renders the page content according to its HTML markup instructions onto a display terminal [2].

Data is stored in databases Apache, MySQL; programming language JavaScript; document formats HTML, XHTML, XML; Style Sheets CSS. For convenience, design and management of a blog, most authors use CMS WordPress and CMS Joomla.

The study showed differences between the above mentioned systems:

- Joomla is a large number of free plugins and modules, it is cheaper to pay in Joomla;

- It is quite easy to change the site for your needs in Joomla; WordPress requires the knowledge of PHP;
- Joomla has great functionality, allowing you to create complex and full-featured sites and blogs; WordPress has a smaller capacity and requires extensive knowledge in PHP;
- Joomla has many modules to expand the site and place various elements (banners, advertising, etc); WordPress has just sidebar, header, footer, to create more we need the good knowledge of PHP;
- Content in Joomla can be edited separately, which allows you to build a website (blog) with its own settings; WordPress is much less likely to have full access to file changes and it should change pattern, preferably in its own language;
- The structure and number of menus in Joomla is specified by the user in the administrative area; in WordPress you can create only 2 types of menu i.e. categories and pages;

Thus, examining the variety of sites and the possibility of their creation, we can make a conclusion: for beginners CMS best option is WordPress, due to its easiness of setup, although Joomla is more functional.

LITERATURE

1. Декстер М., Лэндри Л. программирование / М. Декстре, Л. Лэндри – М.: ООО «И.Д.Вильямс», 2013. – 592 с.
2. <https://en.wikipedia.org/wiki/Website>