A. V. Mankovskiy
Research supervisor: Y.B.Sicora,
candidate of pedagogical science, docent
I.FrankoZhytomyrStateUniversity
Faculty of Informatics and Applied Mathematics
Language tutor: Kravets O.E.,
candidate of pedagogical science

BUILDING WEB APPLICATIONS FOR WORK AUTOMATION AT THE RECRUITMEN AGENCY

Nowadays there are huge flows of world circulating information which intend to increase. Therefore, in any organization, both large and small, there is a problem of the efficient data management. The problem of production and management automation processes as means of increasing productivity has always been important.

The aim of this article is to demonstrate the advantages of web software application on the example of web application designed for automation of the recruitment agency.

The most effective computer tool which helps to store, to structure and to organize large amounts of data is a database. But often there is a problem when a certain number of users should be given access to restricted amount of data and edit it. In this case, the access should be opened only for a small range of users in a limited environment. That is why there are readymade software solutions evaluable at the market. In other cases open access is required for all users with the ability to work from anywhere and at the real time.

For these tasks there are web-applications, which use browser that stands for a client and the server that stands for web server [2]. The most important advantage of web application of conventional software is that the application is on the server. The opposed to it is the conventional software where the program is physically located on the computer of every user. Since there is only one working copy of the application, any user can run it without installing any software on his computer. It saves both time and resources.

The simplest example of a web application is any site with a form for registration of new users and existing login. As it is already connected to the database, it can be implemented using technologies HTML, PHP, Java-script. A more serious example is «Google App Engine» – hosting service websites and web-based applications on Google's servers with free domain name appspot.com, or own name [3]. This platform allows you to create and host your own server application with the ability to work with it on the server. The application is usually written in Python, Java, Go or PHP etc. The list continues to grow. Another example is a «Microsoft (Windows) Azure» – the operating system of Microsoft, designed for application developers and a cloud computing designed to simplify the process of creating online applications [4]. This platform is a very powerful tool. It includes an operating system that manages all processes while working with the platform. But the most interesting thing in this platform is "The concept of cloud computing" which includes: the use of computing power, storage space and communication channels "cloud" to perform tedious tasks. These applications are written with the help of Microsoft.NET Framework, Visual Studio and using other tools.

Regardless means of user interface implementation is web-application because it can:
- provide centralized storage and data processing;
- provide access to unified information simultaneously for a large number of users;
- simplify and make it possible to work with it from any part of the world;
- be independent from the operating system at your computer and it`s technical characteristics [1].

Thanks to these advantages web-application has gained considerable popularity among users and developers.

LITERATURE

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