The Use of Web Technologies in the Organization of Independent Work of Students

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ABSTRACT

The use of web technologies to improve the efficiency of knowledge and skills of students for independent work in the higher education system, as well as the provision of independent work using the interactive services of the google search engine as a topshriq and their online assessment, is an important factor in the formation of creative rotation skills in the student. Therefore, this article describes the effective use of web technologies and its interactive services

Keywords:	Credit-module, Web page, web technology, web 1.0, web 2.0, web 3.0, ip television, ip telephony, Google Docs, Google Calendar, Google Meet

Chapter 3 of the concept of development of the higher education system of the Republic of Uzbekistan until 2030, entitled "Strategic goals and priority areas of development of the Higher Education System",§1, "Increasing the share of hours of Independent Education, independent education in students, critical and creative thinking, systematic analysis, formation of entrepreneurial skills, introduction of methodology and technologies aimed at strengthening competencies, in this regard, special attention is paid to the" wide introduction of advanced pedagogical technologies, educational programs and educational and methodological materials based on international educational standards in the educational process " [1].

It is known that, together with the concept of developing the higher education system until 2030, in the resolution of the Cabinet of Ministers No. 824 of December 31, 2020,

The regulation" on the procedure for introducing a credit-module system into the educational process in higher educational institutions " was approved. Chapter 4 of this regulation is called Planning, monitoring of the educational process and ensuring the quality of education in which 1 credit in the credit-module system is equal to an average academic hourly training load of 25-30. That is, it is necessary for the student to master a certain amount of training load in order to accumulate the corresponding loans in a particular subject. The training load is divided into undergraduate — 40 — 50% audience hour, 50 — 60% independent work hour, graduate — 30% — 40% audience hour, 60-70% independent work hour (excluding qualification practice and graduation qualification work). The amount of the loan in hours and the amount of the educational burden are determined by the Council of the higher educational institution and are said to be placed transparently on the website of the higher educational institution. Hence, in the higher education system, kata is assigned an independent working hour to provide students with knowledge. In this regard, we would like to provide information on the organization of independent work in the

higher education system, the use of web technologies and their application in the course process.

Looking at the history of the creation of Web technologies, initially Web 1.0 was later created Web 2.0. Web 1.0 in technology, interenet users can access web pages via intenet, upload and save files, email service, and vohokozo perform simple tasks. In Web 2.0 technology, however, the type of services has expanded, and now this technology has offered several services in itself. That is, the creation of dynamic web sites, ip television, ip telephony,

masovafi educational systems and cloud storage of files will be used by ohokoz. Web 3.0 technology is a new technology, the basis of which is the participation of artificial intelect systems. This technology is also called Semantic web[2].

For the application of Web technologies in the system of higher education, it is possible to organize practical, laboratory, semenar assignments using the services of a special google company when performing independent work of students(fig.1)
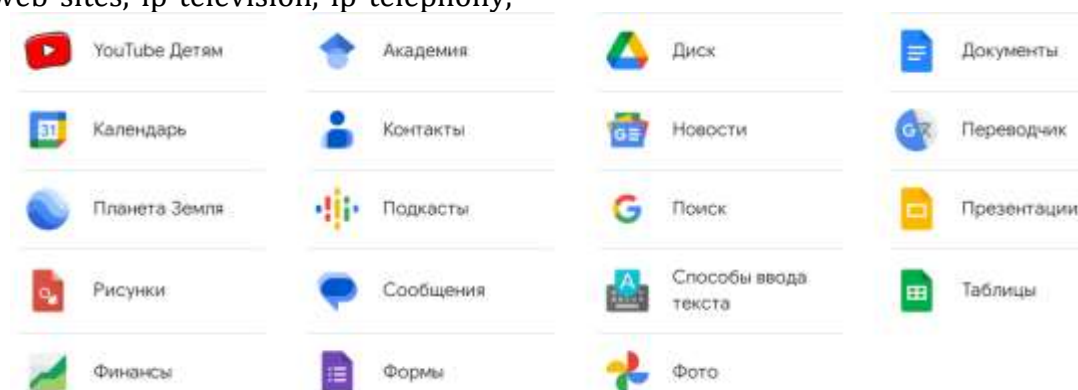

Figure 1. Google services panel.

To use some of the products offered by the company" Google", you must have a Google account. All services developed by "Google" are considered free.

Service " Google Docs "(access mode http://docs.google.com/) designed to create various documents, work on them in real time with other users and save files on the Internet. This service has the necessary functionality for creating and editing presentations with text documents, tables, various images, videos, diagrams. Its interface is not much different from the already familiar Microsoft Word text editor. For example, the toolbar also has buttons that are bold, underlined, slanted, font style, etc. The functions performed by this service include creating branded lists, sorting data, creating and editing tables, inserting images, notes, formulas. GoogleDocs uses many popular file formats ((*.doc,*.xls,*.odt,*.ads,*.rtf,*.ppt, etc.), which allows you to upload and edit previously created documents. It is also carried out to invite other users to work together on

documents, make changes to them, add comments, provide an opportunity to view documents online with the opportunity to chat with co-authors. The created documents are stored on the servers of Google, which ensures the reliability of data security[3].

"Google Calendar" (access mode http://calendar.google.com/) helps you plan your time together and performs the following functions: combining work schedules, publishing a calendar, distributing access to a calendar, videotranslation, electronic calendar. The service is designed for time planning. The work is carried out through the Web interface, respectively, there must be access to the Internet. Since the data is stored on a centralized Google server, the user can access it from any computer. All information in the calendar is clearly presented. The service is as follows: create, edit and delete events; set reminders and notifications about events; place the calendar on the website; organize a list of calendars, etc.k. performs functions such as: One of the advantages of the "Google Calendar"

service is the ability to share the calendar. This distinguishes it from a similar Microsoft Outlook service. To schedule meetings together, you can share the calendar with a selected group of users.

"Service Google sites" (login mode https://sites.google.com/) designed to create sites that can include text, video, slideshows, calendars, presentations, various attachments. The ability to view and edit this information can be given to both a small group of people and the whole world. Created using this service, the possibilities of working with sites are as follows: setting up the site; creating a hierarchical site structure for content regulation; selection of page types (ad, cartoteka); centralized storage of content and offline files; consists of such as the ability to search for content on the site using Google Search Technologies. The peculiarity of this service is that it does not require any professional knowledge and skills from a Web developer to create a Web site. The process of creating a Web site is similar to editing a simple document in a text editor, and therefore is available to almost any user with basic ICT skills. There are two types of users in groups. They can create new groups, manage participants, discussions, change settings. The second type of user has the right to represent members who can subscribe to the group and participate in discussions. Distinctive features of the service are the ability to search for people with common hobbies, interests, professional experience.

Service" Google Meet " (access mode https://meet.google.com) provides encrypted voice and video communication over the Internet. It helps both conference calls and video conferences. Also, text messages and Google docs, Google Sheets and other services provide file transfer. You can have quick meetings with Google Meet at any time. But not everyone can attend conferences without prior notice. The best option is to plan meetings in advance so that everyone can receive a message and organize their schedule accordingly. You can plan such a plan by using the Google Calendar service to schedule the date, time of the conference.

Web technologies open up a wide range of opportunities for educational practice, such as the use of free electronic resources for educational purposes, the independent creation of network content, interpersonal interaction of the educational process.

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