

METHODOLOGY OF TEACHING "METHODOLOGY OF INFORMATICS" USING CLOUD TECHNOLOGIES IN THE PROCESS OF DISTANCE EDUCATION

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Abstract

In this article, information is given and based on the use of cloud technologies in the process of distance education and the advantages of cloud technologies in conducting educational activities, in particular, the deployment and use of scientific resources on the Dropbox cloud platform.

Keywords: distance education, cloud technology, dropbox, practical, laboratory, lecture, folder, file.

Аннотация:

В данной статье дана и основана информация об использовании облачных технологий в процессе дистанционного образования и о преимуществах облачных технологий при проведении образовательной деятельности, в частности, о размещении и использовании научных ресурсов на облачной платформе Dropbox.

Ключевые слова: дистанционное обучение, облачные технологии, дроббокс, практикум, лаборатория, лекция, папка, файл.

In Pedagogy Higher Education Institutions, the subject "Methodology of Informatics Teaching" is taught to undergraduate students in the form of lectures, practical, laboratory, and seminar classes. In the course of the research, students were taught the subjects of "Informatics Teaching Methodology" using cloud technologies. How to conduct educational activities using good cloud technologies. We need a cloud platform for this. During the research, we used the Dropbox platform. Below is information on how to use this platform and how to post learning materials to the platform. To do this, we write the name of the Dropbox.com platform in the optional browser window, and as a result, the following window is created (Figure 2.15).

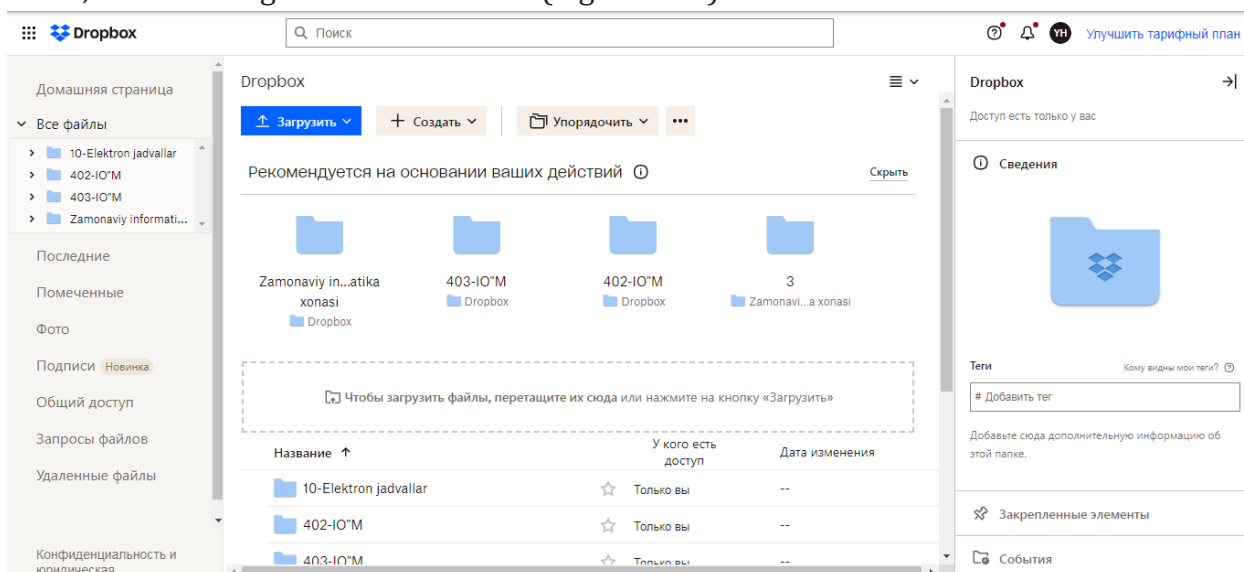


Figure 1. The structure of the Dropbox window.

We discussed the general structure of this window in chapter 2.2 of our thesis. Now we will consider the placement of educational materials on the platform "Informatics Teaching Methodology". For this, we will first create a folder. We create it through the Sozdat section of the platform. Name the folder we created. Then we will place educational materials from the subjects through the Zagruzit band (Fig. 1).

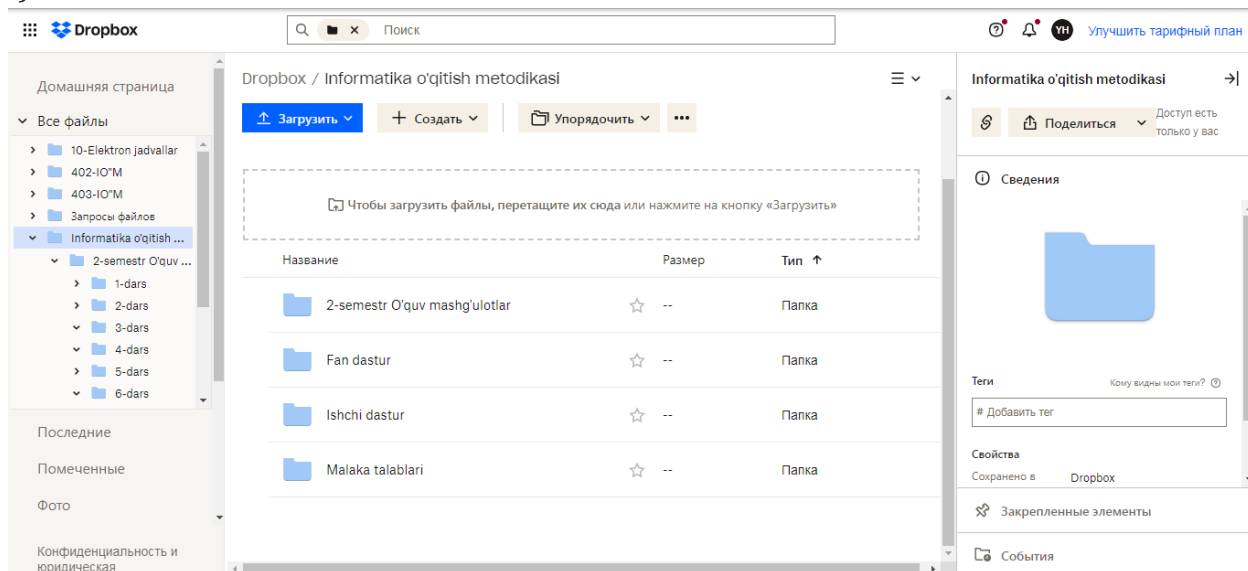


Figure 2. Creating a folder on the Dropbox platform.

From this window, by referring to the folder called "Semester 2 Training Sessions", the student can independently master the training sessions by referring to the lectures, presentations, tests and video lessons of the required training sessions. (Figure 2).

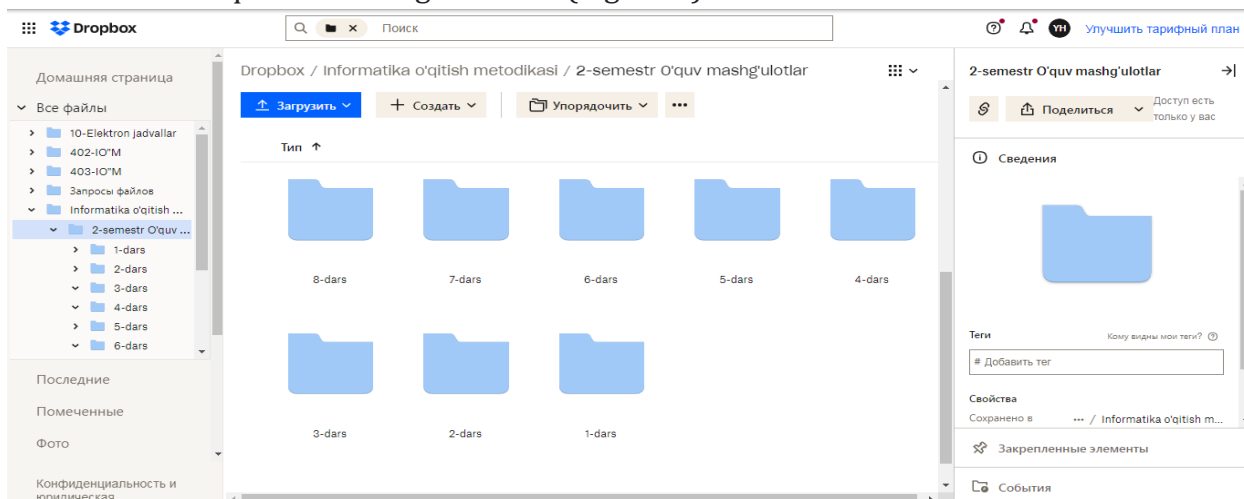


Figure 3. Location of folders on the Dropbox platform.

From here we refer to the optional lesson (picture 3). For example:

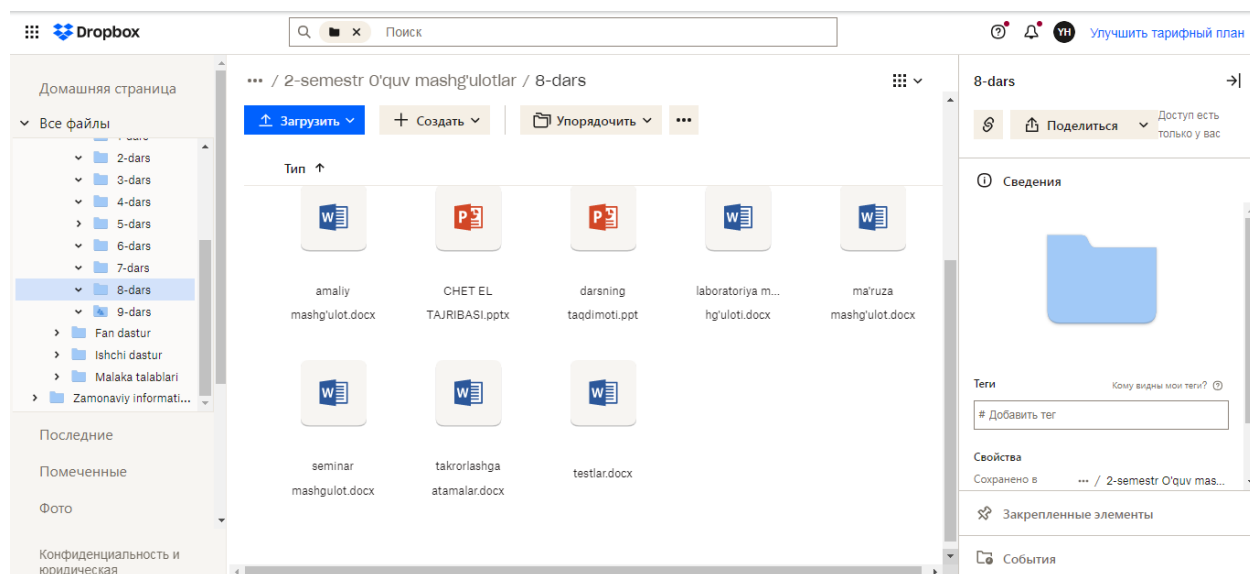


Figure 4. Materials for lesson 1.

In addition, it is possible to create presentations, word documents and excel tables using the platform's capabilities. If these programs are not installed on your computer, you can create your own documents using the capabilities of the Dropbox platform and use these documents at any time. The most useful thing for users is that these documents do not take up too much space on your computer.

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