



THE INNOVATIVE IMPORTANCE OF MESSENGERS IN THE EDUCATIONAL PROCESS OF STUDENTS

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Abstract

Modern technologies have rapidly entered our lives. It is becoming clear that every intellectually developed person cannot imagine his daily life without digital technology and the Internet [1,3,7,9]. Today, when education is becoming more mobile, the doors of great opportunities are opening before every person who wants to learn. Examples include distance learning, online webinars, and seminars [2,4,5]. A new technology that is currently sweeping the education system from one point to another is Telegram bots and channels. Telegram is a cross-platform messenger, that is, it is considered the most convenient program with the function of exchanging media files in various formats [6,8,13].

For example, in March 2018, it became clear that 200 million consumers had chosen it. The use of other servers in his work, and the creation of special chatbots, brought his work speed to an incomparable level [10,11,12].

Its achievement is that it saves time, does not use the help of other Internet browsers, bot programs derived from the word "robot" cover all the information on the Internet, its function is performed day and night, it can receive an answer to any request of the user in a short time, and it increases the efficiency of the educational process [13,15].

In the course of teaching, taking into account the student's lifestyle, areas of interest, employment after classes, attending extra classes, working after classes, the lack of literature in libraries, there is a high probability that the tasks assigned to the student will not be completed on time. Taking this into account, the Department of Ophthalmology of the Tashkent Medical Academy developed a special bot platform.

A summary of the Telegram bot project is as follows [14,16]:

At any place, a student can download the desired topic based on the curriculum and work program, read, listen to it, and watch videos on this topic quickly, without excessive downloads [17].

The topics read by the announcer are first recorded and uploaded to the bot in the form of sound files. A student can listen to the assigned topic in a busy situation or during free time, while traveling on public transport.

Once you download it, you can do it even if you are not connected to the Internet.





The world's latest information, articles, videos related to the science of ophthalmology on the web pages attached to the bot are automatically highlighted in the bot without the participation of the administrator [18].

The teacher puts the daily work and tasks performed by the professor-teacher into the algorithm and automates the process of conducting the lesson. This leaves more time for the teacher to focus on certain important aspects of the lesson.

The main stages of the comprehensive implementation of the project:

The department in each educational country creates its own bot in the Telegram network;

All textbooks necessary for the student to study and work on themselves are placed in electronic form on the department's website based on topics;

The address of the videos and the audio text on each topic are attached to the relevant topic;

The address of the bot is given to the students. This way, the student will have the opportunity to know the tasks in advance and prepare for them before the start of the course.

Elderly or disabled people who are especially interested in medicine can study the information of interest to them remotely in a professional manner.

The advantage of Telegram bots is that these robots can quickly release your pre-loaded tasks into the dialog window at the request of the user. In it, you can conduct surveys, take daily tests from all students at the same time, deliver news to learners individually, update your pre-entered topics, enter additional information at any time, and remotely monitor the learning of each student.

Creating a bot is not enough. According to modern requirements, it will be necessary to improve, supplement, test, develop new strategies and algorithms.

Currently, there is an excess of necessary and unnecessary information on the Internet, which takes up the searcher's time. And bots increase the quantity and quality of the knowledge received, acting as a modern online library with its own live map.

This is because they contain classified information that must be read in advance. A student can download and read the same topics given in several textbooks at the same time without excessive effort.

The achievement of the created bot is that it effectively uses the telegraph platform, which is an online publication service. In this case, the selected menu or topics are always presented to the user in a clear, convenient way.





That is, when the button with the "instant view" function is pressed, a page of the book appears in front of the student. The page on which this topic is covered can be read later even in offline mode.

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