

## DEVELOPMENT OF A VIDEO DICTIONARY REPRESENTING COMPUTER DEVICES

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**Annotation:** *This article is devoted to the development of a video dictionary representing computer devices, the project was developed on the example of computer technical devices. Users can use the new video dictionary to get information about the content, description and functions of the computer equipment they need. The video file is designed for all operating systems and all computer tools, and can be used by all video readers. Computer video development software and hardware were used to develop the video dictionary.*

**Key words:** *Multimedia, computer, technology, Internet, education, device, video, audio, image, distance learning, vocabulary, users, device, self-study.*

### INTRODUCTION

In order to improve the efficiency of education in modern education, the factor for achieving certain results is the introduction of information and communication technologies in educational institutions, as well as in other areas and their direct use in order to improve the quality of education. In particular, due to the lack of a video dictionary representing computer devices, development based on new modern technologies and the use in the educational process of many file formats filled with verified information, which serves to meet the needs of students and independent users, to obtain information about computer devices, to have imagination to be able to use any video reading tool.

### II. PURPOSE

The purpose of developing a video dictionary representing computer devices is to have clear, reliable information about the internal and external devices of a computer, learn the meaning of terms and concepts, express information in text, images and sounds.

### III. COMPUTER DEVICE FUNCTIONS

Computer is an English word that means calculator. Although at the moment it is not only a calculator, but also performs operations on texts, sound, video and other data. However, its old name - computer - has been preserved. Its main task is to process various data. First of all, it should be said that in the understanding of many people there is only a personal computer that we use in everyday life. There are certainly many reasons for this. One is that today's personal computers are far superior to computers previously considered mainframes in terms of speed and

memory, and on the other hand, these computers satisfy users in solving many problems. Nowadays, the term "computer" is often used, but in everyday life the terms "electronic calculators" and "computers" are also often used. But for simplicity, we will use only the term "computer". In fact, computers come in different types: digital, analog, digital-to-analog, specialized. However, digital computers are increasingly being used due to their high practicality, versatility of operations, accuracy of settlement operations, and other indicators. In practice, five groups of computers are widely used in developed countries.

Computers can be divided into five groups based on their memory size, operations per second, and how information is represented on a raster grid:

- Super Computer;
- Manframe Computer;
- Minicomputer;
- PC-Personal Computer;
- Notebook.

A special device called the control device controls and guarantees which statement is being executed now and which one is next. Arithmetic-logical operations are performed in a device called a processor. The result of the program can be viewed directly on the screen or on a device called an external device (printer, graphics device, video device, etc.). It is usually said that a computer consists of two parts: Hardware (computer components - hardware parts of a computer) and Software (computer software - software parts of a computer).

#### **IV. VIDEO DICTIONARY POSSIBILITIES**

The video dictionary representing the developed computer devices has a number of conveniences and features, which include:

1. Availability of graphic, textual and sound information in the video dictionary;
2. There are many audio files in the video dictionary;
3. Have information about the internal devices of the computer;
4. Possession of information about computer peripherals;
5. Availability on all computer devices;
6. Availability of mobile phones;
7. Support for operating systems;
8. Ability to use anytime and anywhere;
9. Convenience for independent students;
10. Simple and clear design;
11. Usability in the Internet system;
12. Possibility of placement in the distance learning system;
13. In alphabetical order;
14. Copyability;
15. Technical flexibility.

The positive aspects of the video dictionary include the possibility of pausing and re-continuing, returning to the previous one, moving to the next, the possibility of re-viewing, the presence of many users, the presence of visual, textual and sound information.

#### **V. CONCLUSION**

Computer technology has simplified all the practical tasks of mankind. With the help of these technologies, complex problems have been solved. This is one of the greatest achievements of technological progress.

With the help of this video dictionary, users not only get information about computer devices, but also see, hear and read its text, which helps to reshape the imagination and helps to keep a lot in memory.

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