



Management of Private Education Based On Automation Technologies

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Annotation: This article examines the management of private education systems based on automation technologies, the importance and functions of automated systems in the management of private education. The stages of automation, management and database creation of payment processes for students in private educational institutions will be considered.

Key words: management, information, private education, database, table, relationship, model, software.

Introduction

It is important to create automated systems that are convenient for storing, processing, transmitting, and managing data in the database. Of course, the basics of programming are the basis for the creation of the above-mentioned automated systems. The ability to automate various information processes is the main scientific and technical basis for creating a system of automation of management. With the development of technical means, it is possible to completely change the technology of information processes in management. The main purpose of building automated systems is to create a computer, which is their technical basis, the comprehensive development of system information capable of automating information processes. Data processing devices that facilitate human interaction with technical means, especially various devices at the stage of recording and displaying information, allow to accelerate the introduction of automated management systems in the national economy. As a result, the automated management of all processes now leads to an increase in the quality of the work process. Today, the growth of private educational institutions and training centers raises the issue of quality management of these systems. The study discusses ways to automate the management of private educational institutions.

Basic modules of the management system of the private education center: The implementation of the management processes in the private education center with the use of computers and computer technology serves to streamline the activities. As an example, an automated system that allows students to pay and exchange electronic documents at a private education center allows them to perform assigned tasks. This software allows you to automate the daily attendance of students in private educational centers. The software allows students in all areas of the private education center to receive online reports on their academic performance, attendance and payment amounts as soon as possible. The payment information of the students, which is part of the work activities of the center, is formed in the system, which allows to reduce the workload and get rid of red tape.

The operation of the software is divided into two main parts. Registration of students and teachers in private educational centers, attachment to the field of science, payment management,



assessment of learning outcomes, management of the process of remuneration of teachers and student information logging and managing them. The management of the Private Education Center will be able to automatically receive information on students of any direction at any time.

- The software is divided into the following two parts.
- Registration of teachers in the field of science;
- Teacher Management;
- Managing the teacher payroll process;
- Student Registration;
- Enrolling students in science;
- Tuition Management,
- Develop a testing process to evaluate learning outcomes;
- Prepare reports on each student's data.

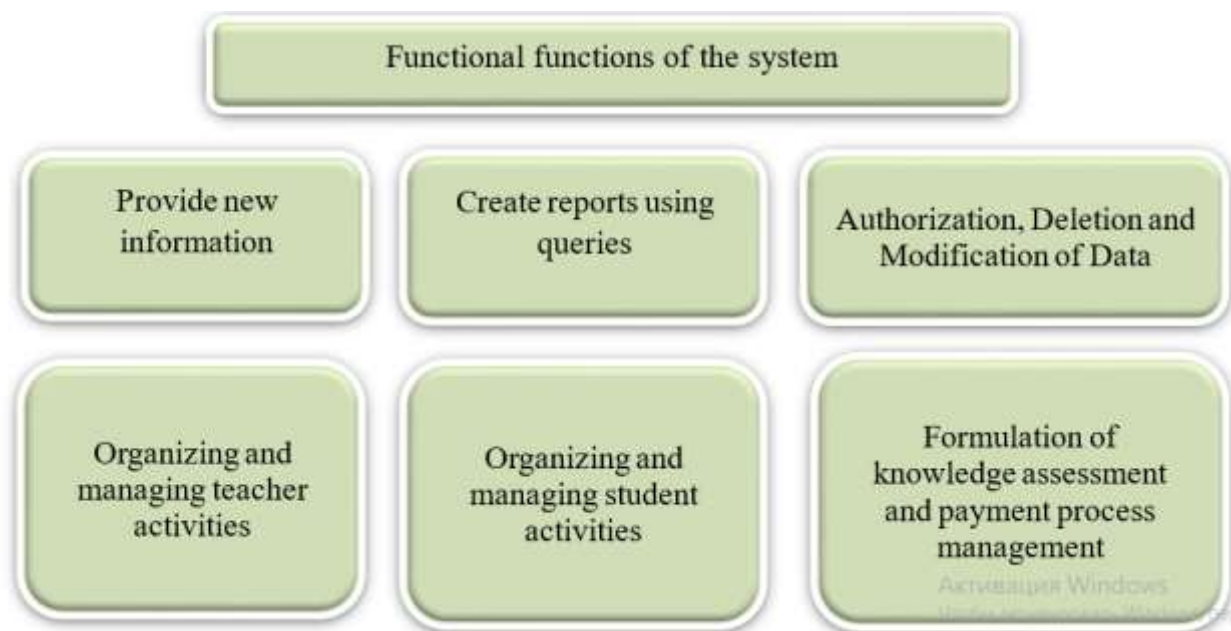


Figure 1. Functional functions of the system.

The software development part consists of three modules to perform the above tasks, and these modules fully cover the above main functions of the software.

Functions of software-based modules.

Module 1: 1) Insert data into database 2) Delete data from database. 3) Change the database.

Module 2: 1) Create and use queries to prepare data reports 2) Automate queries.

Module 3: 1) Automate the process of moving and finishing the database in stages 2) Authorize users to use the system.



Conclusion

The study examines the effectiveness of automation of management processes in the private education system, the use of automation systems in the management of private education. The study details the functional capabilities and tasks of the private education system.

References

1. Baimukhamedov M. F. Principles of building an information system of university management. Materials of the republican conference "Innovative methods and means of teaching in the field of university education". Kostanay, 2004.
2. Huang J, Nicol DM, Bobba R, Huh JH. A framework integrating attribute-based policies into role-based access control. In: Proceedings of the 17th ACM symposium on access control models and technologies; 2012. p. 187–96.
3. Сидорова Е.Н. Автоматизированные системы управления в эксплуатационной работе: Учебник для техникумов и колледжей ж.-д. транспорта. — М.: Маршрут, 2005. — 560 с.
4. Тутубалин П. И., Кирпичников А. П. Оценка криптографической стойкости алгоритмов асимметричного шифрования. Вестник технологического университета. Т.20, №10, с. 94-99, 2017.