ELECTRONIC SYSTEM FOR MONITORING AND EVALUATING EDUCATION QUALITY

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https://doi.org/10.5281/zenodo.14644190

Abstract. The electronic system for monitoring and evaluating the quality of education is an innovative platform developed to effectively manage and enhance the educational process using modern information technologies. This system aims to carry out education quality monitoring, analyze teacher performance, assess students' knowledge and skills, and optimize the activities of educational institutions.

The system allows teachers to create interactive tests, automated rankings, and reports, while also providing students the opportunity to independently assess their level of knowledge. Electronic assessment tools play a crucial role in reducing human factors and ensuring fair evaluations.

The advantages of this system include the speed of information, ensuring transparency, reducing manual work, and providing the ability to regularly monitor the quality of education. It serves as a reliable source of data for making strategic decisions aimed at improving quality in the educational process.

This system is an integral part of the digitization of education and facilitates effective communication between students and teachers. Therefore, this platform is recognized as one of the key tools in organizing an educational process that meets the demands of today.

Key words: Education quality, monitoring of education quality, electronic system for evaluation, electronic system.

Introduction. In the modern education system, quality control and evaluation play a crucial role. The development of digital technologies provides innovative solutions for effectively managing this process. The electronic system for monitoring and evaluating the quality of education not only increases the transparency of the educational process but also improves the interaction between teachers and students. With this system, it becomes possible to enhance the efficiency of educational institutions, accurately assess students' knowledge, and continuously improve the educational process. Electronic

systems are an integral part of the digitization of education and a key factor in the development of modern education.

Today, the rapid advancement of technology is having a significant impact on the educational process. In particular, the implementation of electronic systems for monitoring and evaluating education quality enables the automation of the learning process, ensures impartial assessment, and enhances the quality of education. This article discusses the essence, advantages, and relevance of such systems.

Essence of the Electronic System. The electronic system for monitoring and evaluating education quality is a digital platform designed to monitor, analyze, and assess all stages of the educational process. Developed based on modern information technologies, this system serves the following goals*: Fairly assess students' knowledge and skills.* The system enables impartial evaluation by using objective criteria and automated tools, ensuring fair and accurate assessments of student performance. *Monitor teachers' adherence to the curriculum.* It allows for tracking teachers' compliance with educational programs, ensuring that they follow the prescribed curriculum and maintain educational standards. *Analyze results to improve the efficiency of the educational process.* The system analyzes the outcomes of the educational process to identify areas of improvement, helping to optimize teaching methods and administrative decisions for better performance.

This electronic system provides valuable insights and tools that enhance the effectiveness and fairness of educational monitoring and evaluation.

Main Functions of the System. *Monitoring the Educational Process*:The electronic system tracks students' attendance, the quality of teaching by instructors, and adherence to the curriculum. For example, the system automatically records student activities during class and stores the data. *Knowledge Assessment:* Electronic systems enable the automation of tests, exams, and assignments to assess students' knowledge levels. This reduces human error and ensures fair results. *Reports and Statistics:* The system presents collected data in the form of graphs and charts. This is used to identify shortcomings in the educational process and to address them. *Interactive Communication:* Electronic diaries and chat platforms facilitate communication between students, teachers, and parents. This helps resolve issues in the educational process quickly.

Advantages: *Impartiality and Simplicity.* The system automates the evaluation process, which reduces human error. Students' results are analyzed

objectively. *Time Efficiency.* The assessment process becomes faster for teachers. Students and parents can access the results in real time. *Effective Use of Resources*. Paper documents are reduced. Digital storage systems increase data security. *Improvement of Education Quality.* Statistical analysis helps identify weaknesses in educational programs. The system provides recommendations to teachers for improving their teaching methods.

Practical Application Examples. Electronic systems are successfully implemented in educational institutions such as schools, universities, and vocational colleges. For instance, in Uzbekistan, the electronic diary system allows students and parents to track grades and class schedules daily. In addition, some universities conduct automated test exams for students.

Disadvantages and Challenges. Lack of sufficient infrastructure for implementing electronic systems. Low technological proficiency of some teachers and students. Technical errors or malfunctions in the system may negatively affect the educational process.

Future Development Directions. In the future, it is necessary to develop education quality control and evaluation systems as follows:

1. Integrate artificial intelligence and machine learning technologies.
2. Equip electronic systems with user-friendly interfaces.
3. Create the possibility of providing personalized recommendations for each user.
4. Strengthen technological infrastructure.

Conclusion. The electronic system for monitoring and evaluating education quality represents a significant advancement in modern education. By automating the assessment process, ensuring fairness, saving time, and improving the efficient use of resources, it plays a key role in enhancing the overall quality of education. The system's ability to provide real-time data and interactive communication between students, teachers, and parents contributes to a more transparent and effective educational environment.

While there are challenges such as insufficient infrastructure and varying levels of technological proficiency among educators and students, the benefits outweigh these concerns. Moving forward, integrating advanced technologies like artificial intelligence, improving user interfaces, and strengthening infrastructure will be crucial in further enhancing these systems. As digital systems continue to evolve, they will become an integral part of education, driving continuous improvement in teaching and learning outcomes..

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