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**IMPROVING THE ACTIVITIES OF EDUCATIONAL INSTITUTIONS  
WITH THE HELP OF DIGITAL TECHNOLOGIES  
(in the case of educational institutions specialized in sports)**

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## ANNOTATSIYA

Sport maktablarida raqamli texnologiyalarning rivojlanishi sport ta'limini olib borishda sezilarli o'zgarishlar va imkoniyatlar taqdim etdi desak mubolag'a bo'lmaydi. Ushbu tadqiqot sport maktablarida raqamli texnologiyalarning ta'siri va imkoniyatlarini o'rganadi. Qolaversa, o'quv dasturlari va ma'lumotlar tahlili yordamida osonlashtirilgan samaradorlikni kuzatish orqali sportchilarning rivojlanishini monitoring qilish mumkin. Sportchilarni ro'yxatga olish va resurslarni boshqarish kabi ma'muriy jarayonlarni tartibga solishga ERP tizimlaridan foydalangan holda vazifalarni avtomatlashtirish orqali erishiladi. Haqiqiy vaqtda ma'lumotlarni yig'ish va tahlil qilish ongli ravishda qaror qabul qilish va jarohatlarning oldini olish imkonini beradi. Mobil ilovalar sportchi-murabbiy va otanalar-maktabning faolligini rag'batlantirib, axborot va aloqa vositalaridan yo'l-yo'lakay foydalanish imkoniyatini beradi. Raqamli texnologiyalarning uzluksiz rivojlanishi sport ta'limidagi keyingi innovatsiyalar, jumladan, virtual haqiqat, kengaytirilgan haqiqat va sun'iy intellektning integratsiyasi uchun ajoyib istiqbollarni taqdim etadi.

***Kalit so'zlar:*** VR (Virtual haqiqat), AR (Kengaytirilgan haqiqat), ERP Sport, taqiladigan aqlli qurilmalar, mobil ilovalar, video tahlil dasturi, integratsiya, sensorlar.

## SUMMARY

It is no exaggeration to say that the development of digital technologies in sports schools has provided significant changes and opportunities in conducting sports education. This study explores the impact and potential of digital technologies in sports schools. Additionally, athlete development can be monitored through performance tracking facilitated by training programs and data analytics. Streamlining administrative processes such as athlete registration and resource management is achieved by automating tasks using ERP systems. Real-time data collection and analysis enables informed decision-making and injury prevention. Mobile applications encourage the activity of the athlete-coach and parents-school, and provide an opportunity to use information and communication tools on the go. The continuous development of digital technologies offers great prospects for further innovations in sports education, including the integration of virtual reality, augmented reality and artificial intelligence.

**Keywords:** *VR (Virtual Reality), AR (Augmented Reality), ERP Sport, wearable smart devices, mobile applications, video analysis software, integration, sensors.*

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## INTRODUCTION

### **Justification of the topic of the dissertation and its relevance**

Article 42 of the Law No. ORQ-637 of the Republic of Uzbekistan "On Education": "includes the study and monitoring of the conditions created for the implementation of educational activities, as well as the analysis of information on the contingent of learners and the adoption of management decisions".

The 46th goal of the Development Strategy approved by the Decree of the President of the Republic of Uzbekistan "On the Development Strategy of New Uzbekistan for 2022 - 2026" is : "To reach 50% of coverage with higher education and Improving the quality of education" and the 47th goal: " Targeted preparation of 10 potential higher education institutions to enter the QS and THE international ratings by 2026 " defined the <sup>1</sup>priority tasks of the development of the fields of education and science .

From this point of view, modernization of the educational process - strengthening the potential of educational subjects of the society, has a moral and moral quality to the society, is mature and supply of skilled professionals needs a new modern approach. The quality of the educational process in education , it Bringing it to a new level and assessing the issues of the youth of our time An important decisive factor in education earns.

Today's rapid development of digital technologies and their use in various aspects of society, including in educational institutions engaged in sports activities, provide a number of opportunities. In particular,

- ***Closing the participation gap*** . Many educational institutions struggle to encourage participation in sports, especially among students who are physically challenged, live in remote areas, or may face other barriers. By using digital technologies such as virtual reality (VR) or online platforms, institutions can provide inclusive opportunities for these students to engage in sports education. For example, virtual sports simulations or online coaching platforms allow students to participate

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<sup>1</sup>Decree of the President of the Republic of Uzbekistan dated January 28, 2022 No. PF-60 " On the development strategy of New Uzbekistan for 2022-2026 " .