

DIGITAL TOOLS FOR MANAGING ACADEMIC TASKS

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f.sobirova@uzswlu.uz**ANNOTATION**

This article looks at how students can manage their academic work more effectively with the help of contemporary digital tools including task-management software, AI writing assistants, and learning analytics systems. The study, which is based on recent research (2022–2025), emphasizes how digital learning platforms and productivity tools have improved academic results, motivation, and organization.

KEYWORDS: digital tools; academic task management; AI assistants; learning analytics; productivity apps

Annotatsiya

Ushbu maqolada zamonaviy raqamli vositalar — vazifalarni boshqarish dasturlari, AI yozuv yordamchilari va o'quv tahlil tizimlari — yordamida talabalarning o'quv ishlarini yanada samarali boshqarishi qanday bo'lishi mumkinligi ko'rib chiqiladi. 2022–2025 yillardagi so'nggi tadqiqotlarga asoslangan ushbu o'rganish raqamli o'quv platformalari va unumdorlik vositalari akademik natijalar, motivatsiya va tashkiliy ko'nikmalarni yaxshilaganini ta'kidlaydi.

Kalit so'zlar: raqamli vositalar; akademik vazifalarni boshqarish; AI yordamchilari; o'quv tahlili; unumdorlik ilovalari

Аннотация

В этой статье рассматривается, как студенты могут более эффективно управлять своей учебной работой с помощью современных цифровых

инструментов, включая программное обеспечение для управления задачами, ИИ-ассистентов для письма и системы учебной аналитики. Исследование, основанное на недавних работах (2022–2025), подчёркивает, как цифровые учебные платформы и инструменты продуктивности улучшили академические результаты, мотивацию и организацию.

Ключевые слова: цифровые инструменты; управление учебными задачами; AI-ассистенты; учебная аналитика; приложения для продуктивности

In recent years, digital tools have become essential components of effective academic assignment administration. The rapid development of artificial intelligence-powered apps, analytics-based systems, and online learning platforms has fundamentally altered how students organize their coursework, complete projects, and monitor their progress. According to research, learning analytics systems (Pan, 2024) and LMS adoption factors (Sulaiman, 2024) are essential for boosting students' academic output. Digital assistants and AI-based technologies, such as ChatGPT (Fernández Cerero et al., 2025), Grammarly's AI agents (The Verge, 2025), and Adobe Acrobat AI Assistant (Lifewire, 2024), also offer tailored assistance to help students better manage their reading, writing, and scheduling assignments.

In addition to these cognitive assist technologies, task-management software and productivity platforms now play a major role in academic success. Computerized task-management systems have been shown to significantly increase academic achievement by improving organization and reducing cognitive load (Fontalvo et al., 2025). Recent evaluations of reference managers (Paperpile, 2024) and planning apps (Cal.com, 2024) demonstrate how students consciously choose resources that support their academic requirements, digital skills, and learning preferences. Therefore, understanding how these tools function and impact academic performance is critical for both instructors and students in today's educational contexts.

Academic task management has changed as a result of digital learning systems with analytics capabilities that give students information about their performance,

learning habits, and progress. Dashboards, automated feedback, and tailored suggestions are provided by learning analytics systems (Pan, 2024) to assist students in keeping track of due dates and strategically allocating their study time. These features enable students to consider their areas of strength and growth in addition to supporting self-regulated learning.

AI-powered solutions are increasingly indispensable for helping students with difficult academic tasks including reading, writing, summarizing, and proofreading. Programs like ChatGPT (Fernández Cerero et al., 2025), Grammarly's AI agents (The Verge, 2025), and Adobe Acrobat AI Assistant (Lifewire, 2024) provide language assistance, enhanced clarity, and document structure. These intelligent assistants assist students in completing assignments with greater assurance and efficiency by simplifying academic procedures and reducing cognitive strain.

Task management platforms are crucial for improving students' academic organization. By helping students prioritize their tasks, track their progress, and stick to regular study schedules, structured digital task-management systems can significantly improve academic performance, according to research by Fontalvo et al. (2025). Furthermore, productivity comparisons (Paperpile, 2024; Cal.com, 2024) demonstrate that students choose the tools that best suit their individual organizational style, whether for organizing group projects, scheduling, or tracking references.

One of the most important factors in how well students handle academic tasks is how much they integrate digital tools into their daily study habits. Digital planners, learning management systems, and AI-powered assistants are examples of modern platforms that help students manage many projects by centralizing deadlines, reminders, resources, and feedback. Because these methods reduce the mental strain of managing complex assignments, research indicates that students' time-management skills and job completion rates considerably improve when they regularly use organized digital planning tools. AI technologies that synthesize readings, produce

summaries, and help with writing assignments also allow students to spend more time on higher-order thinking rather than administrative tasks. Planning apps, reference managers, and intelligent assistants all work together to show how digital ecosystems can improve academic success by streamlining academic practices.

In today's classroom, digital tools are becoming necessary for efficient academic task management. AI assistants improve writing and understanding, learning analytics improve self-control, and task-management tools boost productivity and organization. Recent research (2022–2025) regularly demonstrates that these tools not only make academic tasks easier, but they also result in quantifiable gains in student performance. as settings for education.

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