

ملخص النص

University researchers and students struggle to produce high-quality research papers due to grammatical and linguistic errors and content similarity with existing work. The text highlights three key challenges: content similarity with other research papers leading to academic plagiarism; difficulty summarizing long, complex research papers effectively; and challenges in detecting plagiarism to ensure originality before submission. Researchers need real-time feedback to improve presentations and research quality, better data analysis tools to enhance research findings, and a platform for webinars and training sessions to provide valuable insights. The text highlights three key areas needing improvement: customized guidance based on research fields, enhanced collaboration features for researchers, and improved data security measures to address confidentiality concerns. Additionally, support for reviewing past research is recommended. The GradGuide project uses AI to improve research paper quality by addressing common researcher challenges such as avoiding past mistakes and fostering collaboration through community development. The system provides grammar correction and other enhancements. The system checks text for grammatical errors, suggests improvements, detects similarities with other works in large databases to ensure originality, and summarizes content. This system provides tools for summarizing research papers, detecting plagiarism, and includes an AI-based jury panel. A new system uses AI to assess research papers, suggest insightful questions for academic discussions, and provide comprehensive

evaluations. It also includes a simulation environment for researchers to practice presentations. This system offers researchers a simulated environment to practice presentations, providing real-time feedback and improvement suggestions before the actual discussion. It supports research papers in all languages, enhancing accessibility for global researchers. There is also a research level restriction, though the specifics of this restriction are not detailed. The system accepts only master's and doctoral-level scientific research papers to maintain academic rigor and high standards.