Sl.No	Paper title	Year of publishing	Name of the Journal	Methodology used	Novelty	Advantages	Limitations	Paper Link	Result Accuracy
1	Integration of Project Management Services for International Engineering Procurement and Construction Projects	2021	Built Environment Project and Asset Management	Qualitative approach involving case studies and expert interviews with Native Project Management Consultants in Iran.	First study to investigate the role of Native Project Management Consultants in IEPC projects.	Improves project success rates by integrating local expertise into project management processes.	The study is limited to Iran and the EPC project delivery method.	https://www.researchgate.net/publication/349323234	70% improvement in project success rates.
2	Project Progress Monitoring Service Using Geospatial Server	2023	International Journal of Advance Research, Ideas and Innovations in Technology	Geospatial data collection using ArcGIS Pro and PostgreSQL, with a dashboard-based real-time tracking system.	Integration of ArcGIS Pro with web-based dashboards for real-time project progress tracking.	Provides a real-time view of project progress with geotagged data and visual representation.	Limited focus on financial metrics and resource allocation.	https://www.ijariit.com	Not specifically quantified, but improved project monitoring and efficiency.
3	A Dashboard-based System to Manage and Monitor the Progression of Undergraduate IT Degree Final Year Projects	2021	Pertanika Journal of Science and Technology	Rapid Application Development (RAD) methodology, using the Technology Acceptance Model for evaluation.	First dashboard-based system specifically for tracking undergraduate final-year projects.	Real-time feedback and self-regulated learning support for students and supervisors.	Limited integration with other academic systems and scalability concerns.	https://doi.org/10.47836/pjst.30.1.13	Significant positive feedback in evaluation, though no specific accuracy was given.
4	Design and Analysis of the Real-Time Progress Tracking System: A Practical Case Study	2022	Journal of Physics: Conference Series	Unified Modeling Language (UML) and integration of smart devices for real-time monitoring in construction projects.	Combines real-time delay management and productivity tracking with smart devices in E&I services.	Provides real-time delay management and improves accuracy in reporting.	Focused on E&I services, limiting applicability to other construction trades.	https://www.researchgate.net/publication/361600432	Improved report preparation time from 21 to 12 minutes; data collection time from 35 to 15 minutes.
5	Tracking Student Progress Through Graduate Programs	2024	Discover Education	Milestone-based tracking system for graduate programs using data-driven dashboards.	Milestone-based dashboard system tailored for graduate program tracking and benchmarking.	Provides transparency in student progress tracking and allows for early interventions.	Dependent on accurate data input and departmental practices, which vary widely.	https://doi.org/10.1007/s44217-024-00129-3	No numerical accuracy provided, but significant improvements in identifying trends.
6	Recommender System in Academic Choices of Higher Education: A Systematic Review	2024	IEEE Access	Systematic literature review of 56 studies, focusing on academic recommender systems and their effectiveness.	Highlights the prevalence of hybrid recommender systems and identifies gaps in deep learning applications for academic choices.	Offers insights into future research directions and highlights effectiveness of hybrid systems.	Relies heavily on lab-based findings with limited real-world validation.	https://doi.org/10.1109/ACCESS.2024.3368058	Hybrid systems showed the highest effectiveness, though specific numerical accuracy was not provided.
7	Student Management System	2023	International Journal of Creative Research Thoughts (IJCRT)	Web-based student management system developed using modular architecture with PHP, MySQL, and HTML.	Introduces a centralized approach for managing student information, reducing manual work.	Improves accuracy and efficiency in student record management and communication.	Lacks predictive analytics for tracking student performance and progress.	http://www.ijcrt.org	Not explicitly provided, but reports improved administrative efficiency and reduced errors.
8	Learning Management System (LMS) Based On Moodle To Improve Students Learning Activity	2020	Journal of Physics: Conference Series	Quasi-experiment design evaluating the effectiveness of Moodle as an LMS, with customization and validation.	Applies Moodle for enhanced student learning activities, including forums, quizzes, and video support.	Supports various online learning activities and enhances student engagement.	Limited real-world application beyond controlled environments.	https://doi.org/10.1088/1742-6596/1462/1/012067	Reported 83%-90% increase in student engagement and activity.
9	Parallel Analysis on Novel Peer Review System for Academic Journals	2021	33rd Chinese Control and Decision Conference (CCDC)	Monte Carlo-based parallel model for peer review process simulation.	Introduces a third-party platform for peer review, reducing rejection rates through more detailed evaluations.	Reduces reviewer workload and enhances review accuracy through a parallel model.	Relies on accurate setup and sufficient reviewer participation.	https://doi.org/10.1109/CCDC52312.2021.9602541	Improved peer review accuracy, though no specific numerical values were given.
10	University Research Project Management System Based on Cloud Platform	2020	International Conference on Big Data and Informatization Education (ICBDIE)	Web-based system using cloud computing for project management with modules for submission, review, and tracking.	Applies cloud computing to automate research project management processes, reducing manual handling.	Automates project management processes, reducing human error and improving efficiency.	Dependency on cloud infrastructure, which may limit institutions with poor internet connectivity.	https://doi.org/10.1109/ICBDIE50010.2020.00112	No accuracy metrics provided, though the system improved project management efficiency.
11	Simplified, Meaningful, Progress Tracking for Business Projects	2024	IEEE Engineering Management Review	Simplified spreadsheet approach for project tracking using PPTR as an alternative to classical earned value management.	Introduces PPTR as a practical alternative to classical earned value management, suited for agile projects.	Simplifies project tracking for small to medium-sized business projects.	Does not provide the same level of detail as classical earned value management.	https://www.ieee.org/publications/rights/index.html	Provides meaningful progress data but lacks precise accuracy metrics.
12	Specifics of Project Management System Development for Large Organizations	2020	2020 International Multi-Conference on Industrial Engineering and Modern Technologies (FarEastCon)	Web-based project management system using Ruby on Rails and NodeJS, focusing on optimizing speed and eliminating redundant functionality.	Achieved a 67-fold increase in speed by eliminating redundant features in project management systems.	Optimizes speed and improves usability by eliminating unnecessary functionalities.	Lack of documentation and varied system paradigms limit future scalability.	https://ieeexplore.ieee.org/	Achieved significant speed improvements; no specific accuracy metrics provided.
13	Academic Project Information Management System	2021	2021 Asian Conference on Innovation in Technology (ASIANCON)	Web-based project management system using PHP, MySQL, and HTML for managing final-year academic projects.	Automates group formation and project tracking with unique features like GitHub integration and speech recognition.	Automates project processes, reducing manual errors and improving communication.	Lacks predictive analytics for student performance tracking.	https://doi.org/10.1109/ASIANCON51346.2021.9544565	No accuracy metrics provided; improved coordination and reduced errors.
14	Project Zone: An Advanced Undergraduate Project Management System for Software Development	2021	21st International Conference on Advances in ICT for Emerging Regions (ICTer 2021)	K-means clustering and GitHub REST API for group formation and project tracking, with speech recognition and emotional analysis.	Innovative features like automated group generation, GitHub tracking, and client meeting platform with emotional analysis.	Enhances project management with automated group formation, GitHub tracking, and client interaction.	Limited to undergraduate IT projects, lacking scalability for professional environments.	https://doi.org/10.1109/ICTer53630.2021.9774820	No specific accuracy metrics provided, though the system improved group balance and performance tracking.
15	Students' experiences of learning in virtual classrooms facilitated by Google Classroom	2023	Journal of Educational Technology and Online Learning (JETOL)	Anonymous online survey with quantitative data analysis; questionnaires prepared using KoBo Toolbox.	Provides insights into the use of Google Classroom in Tanzanian higher education and highlights differences in learning experiences among different student groups.	Offers a detailed analysis of student experiences with Google Classroom, employs a robust theoretical framework (Activity Theory), and contributes to the understanding of e-learning in Tanzania.	Limited to one institution; does not explore broader applicability outside of the specific context of the Institute of Social Work.	https://dergipark.org.tr/en/pub/jetol/issue/77817/1250095	High accuracy as the study uses a comprehensive sample and statistical analysis (ANOVA) to draw conclusions.
16	Factors influencing graduate students' behavioral intention to use Google Classroom: Case study-mixed methods research	2023	International Journal of Educational Technology	Mixed methods research with a case study approach. The study applies a modified version of the extended Unified Theory of Acceptance and Use of Technology (UTAUT2) and includes both qualitative and quantitative data collection and analysis	Investigates user adoption of Google Classroom (GC) in a Yemeni English-as-a-Foreign-Language (EFL) context, which has not been extensively studied before. It explores factors influencing the behavioral intention of students to use GC in a blended learning setting.	Provides a comprehensive analysis of factors affecting GC adoption in a specific cultural and educational context. Combines qualitative and quantitative methods for a richer understanding of user perceptions and adoption barriers.	Limited to EFL graduate students at Sana'a University; findings may not be generalizable to other contexts or educational settings. The study also assumes prior familiarity with technology, which may not be the case for all participants.	https://link.springer.com/article/10.1007/s10639-022-11051-2	The study offers detailed insights based on mixed methods, contributing valuable information on user acceptance and factors influencing the adoption of GC in blended learning environments.
17	Virtual Project Management	2023	Journal of Project Management and Technology	Literature review examining recent studies on virtual project management and virtual teams. The paper synthesizes definitions, advantages, and challenges of virtual teams and their impact on project management.	Provides a comprehensive overview of the influence of new communication technologies on virtual project management. It highlights how virtual teams, despite their advantages, still face challenges compared to traditional on-site teams.	The paper explores various definitions and characteristics of virtual teams, providing a broad perspective on the topic. It identifies key benefits such as flexibility, reduced travel, and the ability to attract top talent regardless of location.	The review is based on literature and does not include original empirical research or case studies. It primarily focuses on the theoretical aspects of virtual teams and their management.	https://www.umsl.edu/~sauterv/analysis/488_f01_papers/rolfes.htm	The paper offers a thorough review of existing literature, providing a well-rounded understanding of virtual teams and their management. However, its findings are limited to the scope of reviewed studies and may not cover all aspects of virtual project management.
18	Online Teaching and Learning Project Management	2023	Journal of Online Learning and Education	The paper reviews existing literature on online education and project management courses and suggests a methodology for designing and delivering effective online project management courses.	Addresses the unique challenges of teaching project management courses online, including the need for different approaches compared to traditional classroom settings. Emphasizes the importance of effective virtual teamwork and provides a proposed methodology for online course design.	Highlights the growing importance of project management education and the increasing demand for online courses. Offers practical suggestions and guidelines based on best practices and instructor experiences to improve online project management education.	The paper is based on a literature review and proposed methodology without empirical data or case studies. It may not fully address all challenges faced in diverse online learning environments.	http://dx.doi.org/10.3998/isais.11880084.0002.104	The paper provides a comprehensive review and practical guidelines for online project management courses, though it may benefit from empirical validation and further case studies.
19	Student Record Management System using Django	2023	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Requirement Gathering: Surveys, interviews, and focus groups to identify stakeholder needs.System Analysis and Design: Creating detailed design documents outlining system structure and functions.	Integration of a comprehensive SRMS with a department website that provides real-time access to student records and departmental information.	Efficient and error-free management of student records.Enhanced administrative efficiency and communication.Scalable and reliable solution using the Django framework.	The paper does not detail specific limitations of the SRMS.	https://doi.org/10.22214/ijraset.2023.51366	The SRMS aims to reduce errors and improve the accuracy of student records management, but no specific result accuracy metrics are provided in the abstract.