Paper No.1: DrProject: a software project management portal to meet educational needs

Publication and Year	Author	Approach (Methodology)	Advantages	Limitations
March 2007	Karen L. Reid, Gregory V. Wilson	It tailored to undergraduate teaching and team programming assignments	Specifically designed for the needs of undergraduate teaching.	Potential learning curve for users unfamiliar with the system.
		Addresses specific needs of undergraduate teaching.	Promotes collaboration among students.	Facilitates communication and coordination among students and instructors.
		Tailored specifically for undergraduate teaching.	Provides a comprehensive suite of tools for project management.	May require additional resources for maintenance and support.

Paper No.2: Student and instructor experiences in the inverted classroom

Publication and Year	Author	Approach (Methodology)	Advantages	Limitations
October 2012	Michael J. Herold, Rajiv Ramnath, Jayashree Ramanathan, Thomas D. Lynch	Utilization of prerecorded lectures, structured discussions, quizzes, and term projects.	Allows for an effective blend of traditional lectures and active learning.	Potential challenges in ensuring students watch prerecorded lectures before class discussions.
		Shifts traditional lectures to students' personal study time, freeing up in-class hours for active learning.	Enhances student engagement and understanding through interactive techniques.	Requires significant time commitment for instructors to prepare prerecorded lectures and supplementary materials.
		Incorporates various teaching techniques to enhance engagement and understanding.	Improves student retention and comprehension by promoting active participation.	Challenges in assessing and addressing individual student needs in a large class setting.

Paper No.3: Student Industrial Internship Web Portal

Publication and Year	Author	Approach (Methodology)	Advantages	Limitations
2008	Aliza Bt. Sarlan, Wan Fatimah Bt Wan Ahmad, Dismas Bismo	Utilization of a phased development model and business process improvement techniques to develop the SIIWP.	Improves efficiency and accuracy in tracking internship progress and submissions.	Security and privacy concerns related to handling sensitive student data
		Enhances transparency and accountability in the internship program.	Provides a platform for real-time monitoring and evaluation of student performance.	May not fully replace all aspects of manual processes, particularly in cases where human judgment or intervention is necessary.
		Provides a centralized platform for communication and monitoring.	Facilitates timely feedback and support for students during their internships.	Dependency on consistent internet connectivity for access to the portal.

Paper No.4: Callisto: An Intelligent Project Management System

Publication and Year	Author	Approach (Methodology)	Advantages	Limitations
December 1986	Arvind Sathi, Thomas E. Morton, Steven F. Roth	The Callisto project utilized a two-phase approach: 1. Rule-based prototypes 2. Understanding of point solutions	Enhanced capability to manage large engineering projects involving numerous activities and departments.	May face challenges in capturing and representing all aspects of project management expertise.
		Exploration of project scheduling, control, and configuration problems.	Supports better decision-making and risk management.	Dependency on accurate and up-to-date data for effective decision-making.
		Documentation and reuse of project management expertise across projects.	Promotes collaboration and knowledge sharing among project managers.	Potential limitations in scalability and adaptability to different project contexts.

Paper No.5: Web Portal for Effective Student Grievance Support System

Publication and Year	Author	Approach (Methodology)	Advantages	Limitations
2020	K. Aravindhan, K. Periyakaruppan, K. Aswini, S. Vaishnavi, L. Yamini	It was designed to address grievances arising within an educational organization, particularly focusing on the student community.	Enhances the overall organizational climate by promoting open communication and feedback.	Requires effective promotion and awareness efforts to ensure students are aware of the grievance support system.
		Facilitates communication between students and the Grievance Redressal Committee.	Builds trust and rapport between students and the educational institution.	Challenges in balancing the confidentiality of complaints with the need for transparency in the resolution process.
		Provides students with a structured platform to address and resolve grievances.	Provides a centralized and accessible platform for students to lodge complaints.	Difficulty in resolving grievances that involve complex issues requiring specialized expertise.