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Title

Impact of Agile Scrum Methodology on Team’s Productivity and Client Satisfaction – A Case Study

VSK - A Tripartite Development Model based on the V-Model, the Scrum, and the Kanban Methodolog

Integrating Scrum Project Management in Information Technology Capstone Course

DevOps Transformation for Enhanced Airline Booking System

Nova: Revolutionizing Agile Project Management with Scrum and Kanban Integration for Enhanced Te

Scrum Evaluation to Increase Software Development Project Success: A Case Study of Digital Bank

Challenges Affecting the Successful Adoption of DevOps Practices: A Systematic Literature

Measurement Based Performance Evaluation of DevOps

Understanding DevOps critical success factors and organizational practices

Addressing Performance Regressions in DevOps: Can We Escape from System Performance Testing?

Comparisons on Scrum Team Pairing Strategies: A multi-agent Simulation

Optimizing Cloud Infrastructure Management Using Large Language Models: A DevOps Perspective

Digital Dashboards to Track Performances of Order Management Division Using SCOR and Waterfall

A Comparative Study of Implementing Agile Methodology and Scrum Framework for Software Develo

The Impact of Code Ownership of DevOps Artefacts on the Outcome of DevOps CI Builds

Agile AI and Firmware Management in IoT: DevOps for Low-Power Microcontroller-Based Platforms

Optimizing Scrum's Effectiveness in Distributed Software Development Environment during the Pande

DevOps Maturity; A Systematic Literature Review

Implementing Microservice Architecture in E-Commerce with DevOps Practice

DevOps for Digital Business: Optimizing the Performance and Economic Efficiency of Software Produc

The Proposition of Process Flow Model for Scrum and eXtreme Programming

Software Craftsmanship Skill using Extreme Programming for Quality Improvement: A Case of Very Sı

An experience in the use of SCRUM and KANBAN for project development in a Waterfall environment
FProPer 2024: Proceedings of the 1st ACM SIGPLAN International Workshop on Functional Programr

A Theory of Scrum Team Effectiveness"
Multivocal Literature Review on DevOps critical success factors
Introducing Computer Science Undergraduate Students to DevOps Technologies from Software Engin
Teaching Scrum with a focus on compliance assessment
Software Development Success Criteria for Projects
Supporting Emotional Intelligence, Productivity and Team Goals while Handling Software Requiremen
A Systematic Literature Review of DevOps Success Factors and Adoption Models
Evaluating Drug Effectiveness for Antihypertensives in Heart Failure Prognosis: Leveraging Composit
DevOps Metrics and KPIs: A Multivocal Literature Review
Lean model applying JIT, Kanban, and Standardized work to increase the productivity and manageme
Q-learning Based Simulation Tool for Studying Effectiveness of
Dynamic Application of Fertilizer on Crop Productivity
From Failure to Insight: Analyzing Disk Breakdowns in Large-Scale HPC Environments
A Quest of Software Process Improvements in DevOps and Kanban: A Case Study in Small Software
Effectiveness Analysis of Stacking Models and Voting Models on Heart Failure Prediction
Architecting Cloud Solutions for Improved Consulting Practices: Leveraging Simulation for Cost, Perf
Understanding DevOps critical success factors and organizational practices
DevOps critical success factors — A systematic literature review
A Theory of Scrum Team Effectiveness"
Understanding DevOps critical success factors and organizational practices
Performance Optimization Techniques for Continuous Deployment in Multi-Cloud Environments
AI-Driven DevOps: Transforming Enterprise Architecture and Cloud Management
The Development and Implementation of M-Edupayment: A Multi-Payment Platform for SMK Negeri
Simulation Verification of the Design Methodology for Bottleneck Elimination in the Supply Process
Digital Transformation of Resident Services: Quality and Satisfaction Analysis at Andalas Residence
Agile vs. Waterfall: Which Methodology Best Reduces Scope Creep?
Securing Containerized Workloads in Kubernetes: Best Practices and Implementation
Integration of Financial Technology and Delivery Services on Digital Restaurant Menu in Bubur Tan
KerjaKarya: An Inclusive Digital Solution to Expand Access for the Disabled Labour Force
Design of a Traditional Clothing Rental Information System Using the First Com

pyALRA: python implementation of low-rank zero-preserving approximation of

Rancang Bangun Aplikasi Toko Online Berbasis Website ATK Yudistira Jaya

Pengembangan Sistem Informasi Kerja Sama Limjamsos Berbasis Web di Dinas

Continuous Testing in CI/CD Pipelines
Agile Transformation in Large Organizations
Artificial Intelligence Driven Agile Project Management: Enhancing Collaboration, Productivity, and De
Improving IT/Business Alignment in DevOps:: Business Capability for Adopting

Year	Database	Include?	Methodology	Type	Key Findings
2021	IEEE	Yes	Scrum	Quantitative	The study compared two Team productivity was h Client satisfaction was si Scrum framework provid Agile Scrum improved te
2024	IEEE	No	Hybrid (V-Model	Qualitative	Proposes a new tripartite Scrum methodology is u Kanban methodology ru The hybrid approach aim Separating new feature d Enables frequent interac
2023	IEEE	Yes	Scrum (hybrid w	Quantitative	The study integrated a h 73% of students found th Students' knowledge of S 77% of students agreed 87% believed Scrum wo 82% recommended teac The hybrid approach allo
2024	IEEE	No	DevOps	Qualitative	Implementation of CI/CD Infrastructure as Code (u Experimentation through Security testing (vulnera Continuous monitoring s DevOps transformation v
2024	IEEE	Yes	Hybrid (Scrum a	Qualitative	Nova integrates Scrum a The tool implements a th Administrators function s Project Managers act as Real-time updates and c The hybrid approach con User satisfaction is high The tool can also incorpo
2020	IEEE	No	Scrum	Qualitative	The study identified five Teams frequently carried The five factors identified Proposed solutions inclu According to the 2018 St
2024	IEEE	No	DevOps	Qualitative	The systematic literature Major challenges include The study analyzed 21 r DevOps adoption benefi Cultural transformation a Mitigation strategies incl

2020	IEEE	Yes	DevOps	Quantitative	The study conducted an DevOps implementation Three measurement-bas DevOps showed signific User story coverage was Waterfall approach could Productivity and efficienc
2022	IEEE	No	DevOps	Qualitative	The study examined criti The findings support a th Organizational factors in Social and cultural factor Technical factors include The research found stron Successful DevOps adop
2023	IEEE	No	DevOps	Qualitative and Qu	Traditional performance The study proposes alter Field operational data ca Root causes of performa The approach successfu Early detection of perfor The techniques were suc
2020	IEEE	Yes	Scrum	Quantitative	The study compares thre Intelligent pair programm The simulation used a te Even with personal confl When team members ha Task allocation strategie The study validates that
2024	IEEE	No	DevOps	Quantitative	The study proposes integ A specialized model call Using Google Cluster Us The model showed effec
2023	IEEE	No	Waterfall	Qualitative	The study implemented a The project simply applie No comparison with othe
2022	IEEE	Yes	Scrum And Agie	Qualitative	The paper compares Ag Provides case studies of Intel reported a 66% red Cisco reduced defects by The study highlights the Companies adopting Agi The paper compares Ag

2024	IEEE	Yes	DevOps	Quantitative	The study analyzed 892, Higher code ownership c Projects with skewed De For large organizations, For smaller organization The study quantifiably de The chronological code c
2024	IEEE	Yes	DevOps	Quantitative	The study implements a The implementation dem The CI/CD pipeline redu The system demonstrate Deployment scaling expe Resource utilization tests The paper quantifies the
2022	IEEE	Yes	DevOps	Qualitative	The study identifies five Three factors (organizati Strong organizational su People factors are impor For distributed teams, sp The pandemic-driven sh Technical factors like kn
2024	IEEE	Yes	DevOps	Qualitative	The study identified and The CALMS framework Most maturity models de Key dimensions for DevO Only 6 of the 15 identifie Organizations show a pc The study highlights the
2024	IEEE	No	DevOps	Qualitative	The paper presents an ir The study demonstrates DevOps principles facilita The implementation sho
2022	IEEE	No	DevOps	Theorethical	The paper proposes an a The proposed framework The study is theoretical, The paper discusses a h
2021	ACM	Yes	Scrum and XP (	Qualitative	The paper presents deta Scrum is identified as the XP follows six phases: e The study highlights that A key difference is that c XP teams work accordin The analysis suggests th Data from industry surve

					The case study demonst
					Three specific XP practic
					The study combined soft
					SonarQube analysis sho
					The case showed that ar
					XP was particularly suita
					The implementation inclu
2021	ACM	Yes	XP	Qualitative	
					The study reports on a te
					The team successfully in
					Scrum showed a high su
					Kanban proved more flex
					Daily meetings significar
					Technical practices such
					The COVID-19 pandemi
					The paper demonstrates
2021	ACM	Yes	Waterfall, Scru	Qualitative	
2024	ACM	No	No	No	No
2023	ACM	Yes	Scrum	Qualitative and Qu	The study identified fiv
2024	ACM	Yes	DevOps	Qualitative	The study identified seve
2024	ACM	Yes	DevOps	Qualitative	The study successfully i
2024	ACM	Yes	Scrum	Qualitative	The study presents a su
2020	ACM	No	Waterfall and XP	Qualitative	The study demonstrates
2024	ACM	Yes	Scrum, XP, Kan	qualitative and qua	The study identified that
2023	ACM	Yes	DevOps	Qualitative	The review identified nin
2023	ACM	No			
2024	ACM	Yes	DevOps	Qualitative	The study identifies 22
2022	ACM	Yes	Kanban	Quantitative	The application of Lean
2023	ACM	No			
2024	ACM	No	No	Quantitative	
2021	ACM	Yes	Kanban And De	Qualitative	The study explores soft
2023	ACM	No	No	Quantitative	
2023	ACM	No	No	Qualitative	
2022	ACM	Yes	DevOps	Qualitative	The study explores critic
2023	Google Scholar	Yes	DevOps	Qualitative	The study conducted a s
2023	Google Scholar	Yes	Scrum	qualitative and qua	The study proposes and
2022	Google Scholar	Yes	DevOps	Qualitative	The study explores critic
2023	Google Scholar	Yes	DevOps	Review	The article discusses pe
2021	Google Scholar	Yes	DevOps	Review	The article discusses the
2025	Google Scholar	Yes	XP	Other (Case Study	The article describes th
2025	Google Scholar	Yes	Kanban	Quantitative	The article presents a ca
2025	Google Scholar	yes	Waterfall	Quantitative	The article analyzes the
2025	Google Scholar	Yes	Agile, Waterfall	Other (Comparativ	The article compares Ag
2020	Google Scholar	Yes	DevOps	Other (Review)	The article discusses be
2025	Google Scholar	Yes	Waterfall	Qualitative	The study explores the in
2025	Google Scholar	No	Waterfall	Qualitative	The article discusses the
		No			

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		No			
		No			
2023	Google Schola	Yes	DevOps	Other (Review)	The article explores the
2023	Google Schola	No	Agile	Other (Review)	The article analyzes Agil
	Google Schola	No	Agile	Qualitative	The article examines hov
		No			

Notes	url
The study util	https://ieeexplore.ieee.org/document/9725505
The paper is p	https://ieeexplore.ieee.org/document/10876952
The study use	https://ieeexplore.ieee.org/document/10402164
The paper pre	https://ieeexplore.ieee.org/document/10575224
The paper pre	https://ieeexplore.ieee.org/document/10923892
The case stud	https://ieeexplore.ieee.org/document/9263235
The study focu	https://ieeexplore.ieee.org/document/10499735

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Workshop pro	https://dl.acm.org/doi/10.1145/3493244.3493267
A comprehens	https://dl.acm.org/doi/10.1145/3571849
The study was	https://dl.acm.org/doi/10.1145/3661167.3661236
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This multivoca	https://dl.acm.org/doi/10.1145/3652508
The study focu	https://dl.acm.org/doi/10.1145/3524338.3524351
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