Unleashing the Power of Innovation: Delving into the 25th European Conference EuroSPI 2024 Proceedings

Prepare to be captivated as we embark on a literary expedition into the groundbreaking proceedings of the 25th European Conference EuroSPI 2024, a pivotal event that took place in the dynamic metropolis of Bilbao, Spain. This comprehensive volume captures the essence of the conference, showcasing the latest research, innovations, and thought-provoking insights that are reshaping the world of software process improvement.

Systems, Software and Services Process Improvement: 25th European Conference, EuroSPI 2024, Bilbao, Spain, September 5-7, 2024, Proceedings (Communications ... Computer and Information Science Book 896)

⭐⭐⭐⭐⭐ 5 out of 5

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A Kaleidoscope of Cutting-Edge Perspectives

Within these pages, you will encounter a diverse tapestry of perspectives from leading experts in the field of software engineering. From seasoned practitioners to visionary researchers, each contributor shares their unique insights and experiences, illuminating the path towards enhanced software development processes and methodologies.

The proceedings are meticulously organized into thematic tracks, offering a structured exploration of the most pressing issues and emerging trends in software process improvement:

- **Software Process Management:** Discover innovative approaches to managing software development lifecycles, optimizing resource allocation, and ensuring project success.

- **Software Quality Assurance:** Delve into the latest techniques and practices for ensuring the reliability, maintainability, and security of software systems.

- **Agile Software Development:** Experience the transformative power of agile methodologies, exploring their impact on team collaboration, project flexibility, and customer satisfaction.

- **Model-Driven Engineering:** Explore the potential of model-driven approaches to software development, enhancing efficiency, reducing errors, and fostering code reusability.

- **Empirical Software Engineering:** Analyze the empirical foundations of software engineering practices, leveraging data-driven insights to optimize decision-making and improve outcomes.

A Wealth of Practical Insights and Case Studies

Beyond theoretical discussions, the proceedings are enriched with practical insights and real-world case studies that bring the concepts to life. Industry leaders share their experiences in applying software process improvement techniques to real-world projects, providing invaluable lessons and best practices for aspiring professionals.

By studying these case studies, you will gain a firsthand understanding of how organizations are leveraging software process improvement to:

- Reduce development time and costs

- Improve software quality and reliability

- Enhance team collaboration and productivity

- Meet customer requirements more effectively

- Gain a competitive edge in the global marketplace

A Catalyst for Your Professional Growth

Whether you are a seasoned software engineer, a project manager, or a student seeking to expand your knowledge, the 25th European Conference EuroSPI 2024 Proceedings offers a wealth of valuable insights and inspiration. By immersing yourself in this body of work, you will:

- Stay at the forefront of software process improvement best practices

- Gain a comprehensive understanding of the latest research and development in the field

- Identify opportunities for innovation and improvement within your own organization

- Expand your professional network and connect with like-minded individuals

- Accelerate your career growth and become a more effective software professional

The 25th European Conference EuroSPI 2024 Proceedings is an indispensable resource for anyone involved in the development, management, and improvement of software systems. Within its pages, you will find a treasure trove of knowledge and insights that will empower you to drive innovation, enhance quality, and deliver exceptional software products and services.

Do not miss this opportunity to embark on an enriching intellectual journey that will redefine your understanding of software process improvement.

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An Analysis of IT Project Management Across Companies in an International Scenario

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Abstract: With the growing recognition of the importance of Project Management (PM), new solutions are still researched to improve PM practices in environments where there is a restriction on the project types. PM is becoming more widespread in business and academia but without enough information about the course of actions to be taken to archive success. This is particularly true in the IT sector where the impact of new technologies is felt faster than in any other areas. This present study reviews the actual state of IT project management based on an online survey that we conducted with worldwide companies. The aim is to provide insights and recommendations on how to increase the projects' success rate based on the results of the survey analysis.

Keywords: Project management · Agile · Survey analysis Risk management · IT projects

1 Introduction

As stated by [1], the concept of Project Management (PM) refers to *"the application of knowledge, skills, tools and techniques to the project activities with the purpose of attending its requirements"*. This concept along with the company culture and other business processes (e.g. IT, marketing, financial and commercial) produce what we call the outputs (artifacts) for the PM process. Outputs are generated from different departments across the business, and are part of the company culture. They facilitate the execution of PM throughout its cycle: initiation, planning, control and closure. Examples of such outputs are payment schedule, team member information, company hierarchy, stakeholders' list and technologies adopted in the company.

Nowadays, to increase the success rate of projects it is necessary for businesses to learn from past PM practices that have been tested in different environments. Although managing the PM process is one of the crucial parts for the success of any project, especially when developing new systems or saving time and money, there is no study that depicted the actual picture of companies and their methodologies [1]. This situation is true especially for projects in the
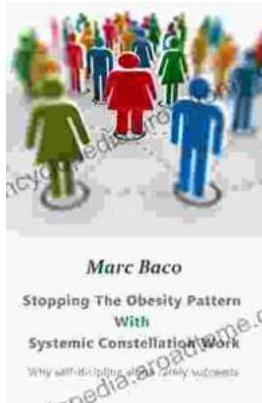

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