Agile Project Management Agile Revolution Beyond Software Limits A Practical Guide To Implementing Agile Outside Software Development Agile Business Leadership Book 4

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"A agile practices transform the way organisations carry out business and respond to change. But to realise success, an agile mindset needs to be adopted throughout an organisation, not just within the IT team. This book is aimed at those working in an agile environment or wanting to understand agile practices. Giving a comprehensive introduction to agile principles and methodologies, it will enable readers to apply core values and principles of agile methods in their organisation. This is the official textbook for the BCS Agile Foundation certificate." --

Scrum

Write code that can adapt to changes. By applying this book’s principles, you can create code that accommodates new requirements and unforeseen scenarios without significant rewrites. Gary McLean Hall describes Agile best practices, principles, and patterns for designing and writing code that can evolve more quickly and easily, with fewer errors, because it doesn’t impede change. Now revised, updated, and expanded, Agile: A Practitioner’s Guide to Agile Software Development adds indispensable practical insights on Kanban, dependency inversion, and creating reusable abstractions. Drawing on over a decade of Agile consulting and development experience, McLean Hall has updated his best-seller with deeper coverage of unit testing, refactoring, pure dependency injection, and more. Master powerful new ways to:

- Write code that enables and complements Scrum, Kanban, or any other Agile framework
- Develop code that can survive major changes in requirements
- Plan for adaptability by using dependencies, layering, interfaces, and design patterns
- Perform unit testing and refactoring in tandem, gaining more value from both
- Use the “golden master” technique to make legacy code adaptive
- Build SOLID code with single-responsibility, open/closed, and Liskov substitution principles
- Create smaller interfaces to support more-diverse client and architectural needs
- Leverage dependency injection best practices to improve code adaptability
- Apply dependency inversion with the Stairway pattern, and avoid related anti-patterns

This book is for programmers of all skill levels seeking more-practical insight into design patterns, SOLID principles, unit testing, refactoring, and related topics. Most readers will have programmed in C#, Java, C++, or similar object-oriented languages, and will be familiar with core procedural programming techniques.

Research Anthology on Cross-Industry Challenges of Industry 4.0

"This set of books represents a detailed compendium of authoritative, research-based entries that define the contemporary state of knowledge on technology"--Provided by
Software in 30 Days

Want to work smarter, faster and more productively? Agile is an innovative way of working that will help you deliver high quality products and services cost-effectively, to embrace change and keep improving as you go. Whether you're a one-person start-up or with a multinational, Agile Now will help you get to grips with the essence of agile thinking, identify what works best, avoid common mistakes and boost your efficiency. Agile Now is a quick-start introduction with universal appeal, bringing together all the essential theory with practical advice, so you harness the power of agile and hit the ground running. Join the agile revolution. Get agile, now.

The Age of Agile

Please note - there is now a second edition of this book available, with the ISBN of 0321658396. “Jim Highsmith is one of a few modern writers who are helping us understand the new nature of work in the knowledge economy.” — Rob Austin, Assistant Professor, Harvard Business School “This is the project management book we’ve all been waiting for— the book that effectively combines Agile methods and rigorous project management. Not only does this book help us make sense of project management in this current world of iterative, incremental Agile methods, but it’s an all-around good read!” — Lynne Ellen, Sr. VP & CIO, DTE Energy “Finally a book that reconciles the passion of the Agile Software movement with the needed disciplines of project management. Jim’s book has provided a service to all of us.” — Neville R(oy) Singham, CEO, ThoughtWorks, Inc. “The world of product development is becoming more dynamic and uncertain. Many managers cope by reinforcing processes, adding documentation, or further honing costs. This isn’t working. Highsmith brilliantly guides us into an alternative that fits the times.” — Preston G. Smith, principal, New Product Dynamics/coauthor, Developing Products in Half the Time One of the field’s leading experts brings together all the knowledge and resources you need to use APM in your next project. Jim Highsmith shows why APM should be in every manager’s toolkit, thoroughly addressing the questions project managers raise about Agile approaches. He systematically introduces the five-phase APM framework, then presents specific, proven tools for every project participant. Coverage includes: Six principles of Agile Project Management How to capitalize on emerging new product development technologies Putting customers at the center of your project, where they belong Creating adaptive teams that respond quickly to changes in your project’s "ecosystem" Which projects will benefit from APM — and which won’t APM’s five phases: Envision, Speculate, Explore, Adapt, Close APM practices, including the Product Vision Box and Project Data Sheet Leveraging your PMI skills in Agile environments Scaling APM to larger projects and teams For every project manager, team leader, and team member

Economy, Finance and Business in Southeastern and Central Europe

This book offers new insights into the complex set of activities and decisions of product innovation management. It provides concepts, methods, and tools that can help accelerate the introduction of successful products to the market in an increasingly competitive and changing business landscape. It also offers examples and case studies, and it is the result of more than 20 years of study, research, and consulting carried out by the two authors in the field of innovation management. The book discusses the demanding challenges of product innovation and offers practitioners guidance on how to respond to these challenges. It presents a three-level framework (the innovation pyramid, which reflects the core components of a firms innovation capability: first, intelligence - absorbing information and knowledge from the outside world by looking beyond the familiar territories of the current market, technology, and customers; second, discovery - exploring opportunities for innovation through creative ideation and technology experimentation; and third, development - transforming opportunities into profitable new products and services.

Contemporary Challenges for Agile Project Management

A successful digital transformation must start with a conversational transformation. Today, software organizations are transforming the way work gets done through practices like Agile, Lean, and DevOps. But as commonly implemented as these methods are, many transformations still fail, largely because the organization misses a critical step:
transferring their culture and the way people communicate. Agile Conversations brings a practical, step-by-step guide to using the human power of conversation to build effective, high-performing teams to achieve truly Agile results. Consultants Douglas Squirrel and Jeffrey Fredrick show readers how to utilize the Five Conversations to help teams build trust, alleviate fear, answer the “whys,” define commitments, and hold everyone accountable. These five conversations give teams everything they need to reach peak performance, and they are exactly what’s missing from too many teams today. Stop focusing on processes and practices that leave your organization stuck with culture-less rituals. Instead, unleash the unique human power of conversation.

Product Innovation Management

Find your company’s unique innovation style, and nurture it into a powerful competitive advantage. Praised by business leaders worldwide, Agile Innovation is the authoritative guide to survival and success in today’s “innovate-or-die” business world. This revolutionary approach combines the best of Agile with the world’s leading methods of innovation to present a crisp, articulate, and proven system for developing the breakthrough capabilities every organization must master to thrive today and tomorrow. You already know that effective innovation doesn’t happen by accident—it is achieved by careful design. Agile Innovation addresses the three critical drivers of innovation success: accelerating the innovation process; reducing the risks inherent in innovation; and engaging your entire organization and your broader ecosystem in the innovation effort. The key frameworks described here build on the proven success of Agile to provide a comprehensive and customizable Innovation Master Plan approach to sustained innovation improvement in the five critical performance areas: strategy, portfolio, process, culture, and infrastructure. Major topics include: the power of Agile in the innovation process, how to overcome innovation risk, the best tools to evoke engagement and collaboration, branding as an integral element of innovation, and the best leadership skills and practices that create the special environment that enables transformative growth. Readers will learn specifically how to create better ideas, develop them more efficiently, and work together more profitably and effectively to achieve breakthroughs. The insights offered in this book are highlighted in 11 detailed case studies illustrating the world’s best innovation practices at Wells Fargo, Nike, Volvo, Netflix, Southwest Airlines, The New York Times, and others, in dozens of specific business examples, in two dozen powerful and unique techniques and methods, and a full set of implementation guidelines to put these insights into practice. Key Insights: Understand how to implement the many ways that innovation efforts can be accelerated to achieve even greater competitive advantage, learn to create a culture of innovation, greater engagement, and rich collaboration throughout your organization. Discover how to reduce risk and accelerate learning Implement your own unique plan to enhance collaborative innovation, from leadership through operations. Integrate key agility principles into your strategic planning decisions for sustained improvement. Explore dramatic new approaches to open innovation that optimize large scale innovation. Apply the latest and best technology tools to enhance innovation, reduce risk, and promote broad participation. This is a must read book, a practical guide for fostering a culture of innovation, nurturing creativity, and efficiently developing the ideas that drive strategic growth. And since innovation is not imitation, you know that copying the ideas and strategies of other successful organizations will not produce the desired outcomes. Hence, all leaders must develop their own way of innovating and nurture the right style of collaborating for their own organization. This book will guide you to find your own unique pathways to success. Blaze your own trail to the high levels of innovativeness and organizational agility by learning from the expert guidance and practical, actionable advice offered throughout this important book.

Adaptive Code

In Large-Scale Scrum, Craig Larman and Bas Vodde offer the most direct, concise, actionable guide to reaping the full benefits of Agile in distributed, global enterprises. Larman and Vodde have distilled their immense experience helping geographically distributed development organizations move to Agile. Going beyond their previous books, they offer today’s fastest, most focused guidance: “brass tacks” advice and field-proven best practices for achieving value fast, and achieving even more value as you move forward. Targeted to enterprise project participants and stakeholders, Large-Scale Scrum offers straight-to-the-point insights for scaling Scrum across the entire project lifecycle, from sprint planning to retrospective. Larman and Vodde help you: Implement proven Scrum frameworks for large-scale developments Scale requirements, planning, and product management Scale design and architecture Effectively manage defects and interruptions Integrate Scrum into multisite and offshore projects Choose the right adoption strategies and organizational designs This will be the go-to resource for enterprise stakeholders at all levels: everyone who wants to maximize the value of Scrum in large, complex projects.
Extreme Programming Explained

Two decades after Scrum co-creator Ken Schwaber helped launch the Agile revolution, he's returned to thoroughly update his classic guide, Agile Project Management with Scrum. In this completely revamped Second Edition, Schwaber shares his latest thinking on Scrum and Agile, based on years of coaching and consulting with implementers in organizations of all kinds. Through up-to-date case studies, Schwaber identifies powerful real-world lessons from the successes and failures he's seen and experienced, and the innovations he has encountered and refined. With co-authors Richard Hundhausen (Microsoft MVP) and David Starr (Scrum.org), he shows how to use modern Scrum to solve complex problems, drive better results, and deliver more valuable software faster. You'll gain a strong foundation in Scrum theory and practice, learning how to:

- Rein in complex, unwieldy projects
- Effectively manage unknown or changing product requirements
- Simplify the chain of command with self-managing development teams
- Get clearer specifications and feedback from customers
- Greatly reduce project planning time and required tools
- Avoid missteps by regularly inspecting, reporting on, and fine-tuning projects
- Systematically maximize return on investment in any software project
- Schwaber and his colleagues have thoroughly updated every chapter, and added two new chapters: "The Agile Era" and "The Future of Software Development."

A gle Project Management with Scrum

It's no secret that we are living in the Digital Age. Technology companies make up seven of the world's ten largest firms by market capitalization. And the key to their success is the key to all modern organizations. Jonathan Smart, business agility practitioner, thought leader, and coach, reveals the patterns and antipatterns that will help organizations from every industry deliver better value sooner, safer, and happier through high levels of engagement, inclusion, and empowerment. Through his decades of experience in the technology world, Smart provides business leaders with a blueprint for creating a world-class organization of the future. Through Agile and Lean ways of working, business leaders can empower teams to improve production, grow together, and create better services for their customers. These better ways of working have overflowed from the IT department to every corner of successful organizations, taking root in every industry from aerospace to accounting, insurance to shipping. This book is not about software development. It is not a book about the computer industry. This book is about applying agility across the entire organization. It's a book that will put you at the front of change and ahead of the competition.

S ooner Safer Happier

Software engineering has surfaced as an industrial field that is continually evolving due to the emergence of advancing technologies and innovative methodologies. Scrum is the most recent revolution that is transforming traditional software procedures, which has researchers and practitioners scrambling to find the best techniques for implementation. The continued development of this agile process requires an extensive level of research on up-to-date findings and applicable practices. Agile Scrum Implementation and Its Long-Term Impact on Organizations is a collection of innovative research on the methods and applications of scrum practices in developing agile software systems. The book combines perspectives from both the academic and professional communities as the challenges and solutions expressed by each group can create a better understanding of how practice must be applied in the real world of software development. While highlighting topics including scrum adoption, iterative deployment, and human impacts, this book is ideally designed for researchers, developers, engineers, practitioners, academicians, programmers, students, and educators seeking current research on practical improvements in agile software progression using scrum methodologies.

I nsights, Innovation, and Analytics for Optimal Customer Engagement

"M antle and Lichty have assembled a guide that will help you hire, motivate, and mentor a software development team that functions at the highest level. Their rules of thumb
and coaching advice are great blueprints for new and experienced software engineering managers alike." — Tom Conrad, CTO, Pandora “I wish I’d had this material available years ago. I see lots and lots of ‘meat’ in here that I’ll use over and over again as I try to become a better manager. The writing style is right on, and I love the personal anecdotes.” — Steve Johnson, VP, Custom Solutions, DigitalFish All too often, software development is deemed unmanageable. The news is filled with stories of projects that have run catastrophically over schedule and budget. Although adding some formal discipline to the development process has improved the situation, it has by no means solved the problem. How can it be, with so much time and money spent to get software development under control, that it remains so unmanageable? In Managing the Unmanageable: Rules, Tools, and Insights for Managing Software People and Teams, Mickey W. Mantle and Ron Lichty answer that persistent question with a simple observation: You first must make programmers and software teams manageable. That is, you need to begin by understanding your people—how to hire them, motivate them, and lead them to develop and deliver great products. Drawing on their combined seventy years of software development and management experience, and highlighting the insights and wisdom of other successful managers, Mantle and Lichty provide the guidance you need to manage people and teams in order to deliver software successfully. Whether you are new to software management, or have already been working in that role, you will appreciate the real-world knowledge and practical tools packed into this guide.

**Agile Now**

Best practices for managing projects in agile environments—now updated with new techniques for larger projects Today, the pace of project management moves faster. Project management needs to become more flexible and far more responsive to customers. Using Agile Project Management (APM), project managers can achieve all these goals without compromising value, quality, or business discipline. In Agile Project Management, Second Edition, renowned agile pioneer Jim Highsmith thoroughly updates his classic guide to APM, extending and refining it to support even the largest projects and organizations. Writing for project leaders, managers, and executives at all levels, Highsmith integrates the best project management, product management, and software development practices into an overall framework designed to support unprecedented speed and mobility. The many topics added in this new edition include incorporating agile values, scaling agile projects, release planning, portfolio governance, and enhancing organizational agility. Project and business leaders will especially appreciate Highsmith’s new coverage of promoting agility through performance measurements based on value, quality, and constraints. This edition’s coverage includes: Understanding the agile revolution’s impact on product development Recognizing when agile methods will work in project management, and when they won’t Setting realistic business objectives for Agile Project Management Promoting agile values and principles across the organization Utilizing a proven Agile Enterprise Framework that encompasses governance, project and iteration management, and technical practices Optimizing all five stages of the agile project: Envision, Speculate, Explore, Adapt, and Close Organizational and product-related processes for scaling agile to the largest projects and teams Agile project governance solutions for executives and management The “Agile Triangle”: measuring performance in ways that encourage agility instead of discouraging it The changing role of the agile project leader

**Agile Foundations**

Governments on both sides of the Atlantic have committed to introducing agile change management for faster results with cheaper implementation at lower risk. The first hands-on guide is designed to help public sector leaders reap the rewards of agile methods, based on the latest national and international research.

**Managing the Unmanageable**

“... a well written and content rich book. From a teacher's perspective, using this book in an advanced project management seminar challenges students to understand the application of these concepts.” — Alexander Walton, PMP, IT consultant to the University of California at Berkeley Widely acclaimed as one of the top agile books in its first edition, Project Management the Agile Way has now been updated and redesigned by popular demand. This second edition is in a modular format to facilitate training and advanced course instruction, and provides new coverage of agile, such as hybrid agile methods, the latest public sector practices, and a chapter dedicated to transitioning to agile. It discusses the “grand bargain” between project management and business; the shift in dominance from plans to product and from input to output; and introduces new concepts such as return on benefit. Experienced practitioners and students that want to learn how to make agile work effectively in the enterprise should read this book.
individuals preparing for the PMI Agile Certified Practitioner (PMI-ACP) examination, and training providers developing courses, will find this second edition quite helpful.

Agile Conversations

Yes, the agile movement was formalized at the start of the century by computer programmers. It was their way of saving failing software projects. However, those programmers didn't anticipate their movement would turn into a project management revolution across industries. Today, agile methods can be applied to solve almost any problem.

Agile Everything

It's time to extend the benefits of Scrum—greater agility, higher-quality products, and lower costs—from individual teams to your entire enterprise. However, with Scrum’s lack of prescribed rules, the friction of change can be challenging as people struggle to break from old project management habits. In this book, agile-process revolution leader Ken Schwaber takes you through change management—for your organizational and interpersonal processes—explaining how to successfully adopt Scrum across your entire organization. A cofounder of Scrum, Ken draws from decades of experience, answering your questions through case studies of proven practices and processes. With them, you’ll learn how to adopt—and adapt—Scrum in the enterprise. And gain profound levels of transparency into your development processes. Discover how to: Evaluate the benefits of adopting Scrum in any size organization Initiate an enterprise transition project Implement a single, prioritized Product Backlog Organize effective Scrum teams using a top-down approach Adapt and apply solutions for integrating engineering practices across multiple teams Shorten release times by managing high-value increments Refine your Scrum practices and help reduce the length of Sprints

Agile Project Management for Government

The development of the Agile Movement, whatever the area of application or discipline, comes from the famous “faster, cheaper, better” maxim. As such, the agile manufacturing paradigm rests on four principles: response to change and uncertainty, supplying highly customized products, synthesis of divergent technologies, and intra-enterprise and inter-enterprise integration. For the reader interested in agile project management applications, response to changes, and transformations and its impact on managing projects, this book is a must-read. Various insights are covered, including: how to master complexity and changes in projects, economy, and society; how interaction between the project management team and project owners can influence risk management; how to move beyond the traditional mechanistic project management approach; how to include agile principles into an improved Logical Framework Analysis structure; what the impact is of agile principles on project management organizations what kind of innovative project management practice supports agile principles; and much more.

Agile Approaches for Successfully Managing and Executing Projects in the Fourth Industrial Revolution

In the challenging digital economy, bridging the gap between the external stakeholder and business entities through effective applications of technology carries more importance than ever before. By building a strong online presence and maintaining a long-lasting relationship with valuable customers through high-quality customer experience, companies continue to thrive during this digital age. The Handbook of Research on Technology Applications for Effective Customer Engagement is a pivotal reference source that provides vital research on the utilization of the best research practices for consumer satisfaction and loyalty. While highlighting topics such as target marketing, consumer behavior, and brand equity, this publication explores the applications of modern technology in marketing as well as recent business activities of international companies. This book is ideally designed for business professionals, practitioners, marketers, advertisers, brand managers, retailers, managers, academics, researchers, and graduate-level students.
A Agile Scrum Implementation and Its Long-Term Impact on Organizations

Engaging customers has become an effective strategy of marketers for improving customer-brand relationships as customer engagement is a perfect predictor of organic growth. Aggressive sales promotions, advertising campaigns, rewards, discounts, and more may attract a customer, but customer engagement creates an emotional connection with the brands/firms/services, which drives customer loyalty and long-term profitability. This has become much more applicable and effective with the use of social media platforms and the increased access of internet. Moreover, the implementation of customer analytics to measure engagement activities has provided marketers with more insights for improving services. Insights, Innovation, and Analytics for Optimal Customer Engagement is an advanced reference book that covers the latest emerging research in customer engagement and includes underlying theories, innovative methods, a review of existing literature, engagement analytics, and insights for marketers with reference to customer engagement. The book covers various product categories, industries, and sectors that are working to engage customers in inventive and creative ways. This book is a comprehensive reference tool for marketers, brand managers, social media specialists, advertisers, managers, executives, academicians, researchers, practitioners, and students interested in gaining comprehensive knowledge about customer engagement and the latest advancements in the field.

A Agile Innovation

Are you looking for a way to improve your project management skills? Does the prospect of agile project management keep you awake at night? Are you interested in learning how you can make use of both Kanban and Scrum methodologies in order to improve your project management skills? If you answered yes to any of the above, then this guide may be just what your career needed. Both Scrum and Kanban methodologies have been used to great success by industry leaders all over the world. From Toyota's lean manufacturing success story to how Scrum revolutionized LEGO's project management practices, it can be seen how these 2 methodologies are essential for improving efficiency and reducing waste. As reported by Elizabeth Harrin in 2017, lean and agile project management skills are becoming increasingly in demand. By applying the theories of Kanban and Scrum, you can equip yourself with the right set of tools to take on any challenge and launch your career. With both Kanban and Scrum being an essential part of agile project management, project managers need to be proficient in the use of Kanban and Scrum. Get yourself upskilled today and master the concept of agile project management. This guide includes: Agile Project Management With Kanban Revealed: The Secret To Get Out Of Stress And Overwhelming Work To Finally Become Productive Introducing Agile Project Management With Scrum: Why You Need To Use Scrum And How To Make It Work In Your Individual Situation When you purchase these books, you'll learn about: The reason why multinational corporations such as Pixar, Spotify and Zara have all adopted Kanban (and why you should to). The 3 MUST-KNOW secrets on how you can recruit the ultimate Scrum team. Why Kanban and Scrum can improve profitability and efficiency (along with 3 ways for you to drive change internally). What makes a successful Scrum Master (and the 3 ways you can become one). Why an increasing number of project managers are turning to Kanban and Scrum. Industry SECRETS that teach you how to utilize Kanban to its fullest potential. How to become a complete lean manager with digital Kanban tools and Scrum software. How Kanban helped Toyota and other companies achieve international SUCCESS (and why Scrum is a crucial component of agile project management). and much, much more! All of this may sound too good to be true, but as we've seen from so many success stories, it is in fact a reality. Harness the potent power of Kanban and Scrum with this bundle and take your project management skills to the next level. If you're ready to become a master of lean project management, click "Add to Cart" and get ready for a revolution.

A Agile Project Management

When software development teams move to agile methods, experienced project managers often struggle—doubtful about the new approach and uncertain about their new roles and responsibilities. In this book, two long-time certified Project Management Professionals (PMPs) and Scrum trainers have built a bridge to this dynamic new paradigm. They show experienced project managers how to successfully transition to agile by refocusing on facilitation and collaboration, not “command and control.” The authors begin by explaining how agile works: how it differs from traditional “plan-driven” methodologies, the benefits it promises, and the real-world results it delivers. Next, they systematically map the Project Management Institute’s classic, methodology-independent techniques and terminology to agile practices. They cover both process and project lifecycles and carefully address vital issues ranging from scope and time to cost management and stakeholder communication. Finally, drawing on their own extensive personal experience, they put a human face on your personal transition to agile—covering the emotional challenges, personal values, and key leadership traits you’ll need to succeed.
Coverage includes relating the PMBOK Guide ideals to agile practices: similarities, overlaps, and differences. Understanding the role and value of agile techniques such as iteration/release planning and retrospectives. Using agile techniques to systematically and continually reduce risk. Implementing quality assurance (QA) where it belongs: in analysis, design, defect prevention, and continuous improvement. Learning to trust your teams and listen for their discoveries. Procuring, purchasing, and contracting for software in agile, collaborative environments. Avoiding the common mistakes software teams make in transitioning to agile. Coordinating with project management offices and non-agile teams. "Selling" agile within your teams and throughout your organization. For every project manager who wants to become more agile.

Part I: An Agile Overview
Chapter 1: What is "Agile"?
Chapter 2: Mapping from the PMBOK Guide to Agile

Part II: The Bridge: Relating PMBOK Guide Practices to Agile Practices
Chapter 4: Integration Management
Chapter 5: Scope Management
Chapter 6: Time Management
Chapter 7: Cost Management
Chapter 8: Quality Management
Chapter 9: Human Resources Management
Chapter 10: Communications Management
Chapter 11: Risk Management
Chapter 12: Procurement Management

Part III: Crossing the Bridge to Agile
Chapter 13: How Will My Responsibilities Change?
Chapter 14: How Will I Work with Other Teams Who Aren't Agile?
Chapter 15: How Can a Project Management Office Support Agile?
Chapter 16: Selling the Benefits of Agile
Chapter 17: Common Mistakes

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Project Management the Agile Way, Second Edition
Create Thriving, High-Performing Teams and Organizations with Scrumban. Scrumban allows you to use Kanban as a catalyst for increasingly valuable changes to your existing software development processes, amplifying and expanding upon Scrum's benefits. Now, there's a definitive guide to Scrumban that explains what it is (and isn't), how and why it works, and how to use it to improve both team and organizational performance. Comprehensive, coherent, and practical, The Scrumban Revolution will help you incrementally apply proven Lean/Agile principles to get what matters most: pragmatic, bottom-line results. Pioneering Scrumban coach Ajay Reddy clarifies Scrumban's core concepts and principles, and illuminates their application through real-life examples. He takes you from the absolute basics through sustainable adoption, and from choosing metrics to advanced forecasting and adaptive management. Whatever your role in the organization, this essential guide liberates you to tailor Kanban systems based on your unique challenges and to solve delivery problems and improvement stagnation you haven't been able to solve with Scrum alone. Discover how Scrumban can help you reignite stalled Agile initiatives, clarify crucial relationships between purpose, values, and performance, quickly develop shared understanding in and across teams, use Scrum to better manage Product Owner/Customer expectations, improve the rollout of Scrum in any team using Scrum But Use Scrumban, and let real improvements spread with least resistance. Use the right metrics to gain insight, track progress, and improve forecasting. Take advantage of Scrumban's advanced capabilities as you gain experience. Develop leaders to successfully guide your Agile initiatives. Integrate modeling to reliably refine your forecasting and decision-making.

Agile Project Management with Scrum
The rules and practices for Scrum—a simple process for managing complex projects—are few, straightforward, and easy to learn. But Scrum's simplicity itself—its lack of prescription—can be disarming, and new practitioners often find themselves reverting to old project management habits and tools and yielding lesser results. In this illuminating series of case studies, Scrum co-creator and evangelist Ken Schwaber identifies the real-world lessons—the successes and failures—culled from his years of experience coaching companies in agile project management. Through them, you'll understand how to use Scrum to solve complex problems and drive better results—delivering more valuable software faster. Gain the foundation in Scrum theory—and practice—you need to: Rein in even the most complex, unwieldy projects Effectively manage unknown or changing product requirements, simplify the chain of command with self-managing development teams, receive clearer specifications, and feedback from customers. Greatly reduce project planning time and required tools, build—and release—products in 30-day cycles so clients get deliverables earlier, avoid missteps by regularly inspecting, reporting on, and fine-tuning projects, support multiple teams working on a large-scale project from many geographic locations, maximize return on investment.

Large-Scale Scrum
There are four broad topics covered in Agile Project Management: opportunity, principles, framework, and practices. The opportunity lies in creating innovative products and...
services—things that are new, different, and creative. These are products that can't be defined completely in the beginning but evolve over time through experimentation, exploration, and adaptation. The book discusses the Agile Revolution, describe the value and principles that actuate APM; cover the APM process framework and individual practices; examine how agile principles are used and underscores; and how APM helps address the changing nature of new product development.

**Agile Project Management with Scrum + Kanban 2 in 1**

If you have tried to implement Agile in your organization, you have probably learned a lot about development practices, teamwork, processes and tools, but too little about how to manage such an organization. Yet managerial support is often the biggest impediment to successfully adopting Agile, and limiting your Agile efforts to those of the development teams while doing the same old-style management will dramatically limit the ability of your organization to reach the next Agile level. Ángel Medinilla will provide you with a comprehensive understanding of what Agile means to an organization and the manager’s role in such an environment, i.e., how to manage, lead and motivate self-organizing teams and how to create an Agile corporate culture. Based on his background as a “veteran” Agile consultant for companies of all sizes, he delivers insights and experiences, points out possible pitfalls, presents practical approaches and possible scenarios, also including detailed suggestions for further reading. If you are a manager, team leader, evangelist, change agent (or whatever nice title) and if you want to push Agile further in your organization, then this is your book. You will read how to change the paradigm of what management is about: it is not about arbitrary decisions, constant supervision and progress control, and the negotiation of changing requirements. It is about motivation, self-organization, responsibility, and the exploitation of all project stakeholders’ knowledge. We live in a different world than the one that most management experts of the 20th century describe, and companies that strive for success and excellence will need a new kind of manager—Agile managers.

**Agile Project Management**

Design Thinking Revolution 3 books in 1: Mastering Design Thinking, Lean Collection & Agile Project Management. Rules & Mindset to Innovate your Business with Agile Methods and UX. Design thinking is transforming the business industry for the good with its dynamic approach to innovate businesses and improving the business success rate. With design thinking, Lean Ultimate Collection, and Agile Project Management, businesses are transforming how they operate for intelligent work and fruitful results. The book "Design Thinking Revolution" is a 3 in 1 and is your one-stop to learn all about mastering Design thinking, Lean Ultimate Collection, and Agile Project Management. The book will help you learn the rules and mindset to innovate your business. Design Thinking Revolution is a collection of three books and will guide you all about how for efficient management in projects. Agile Project Management will take you through an iterative process of improving the project processes. The book will also teach you about prioritizing the customer and emphasizing business hypothesis-driven experimentation and feedback for validated learning using the Lean Ultimate Collection. The book also sheds light on context mapping, designing and framing problem statements, and prototyping to idea generation, innovation, and creativity in business strategies. This book is a detailed guide to bringing a Design Thinking revolution in your company’s strategies. It will help your business succeed by creating innovative solutions for the problems your business faces. The book is better than many books because it encapsulates everything from Mastering Design Thinking to Lean Six Sigma and Agile Methods. The book "Design Thinking Revolution" covers the following: Understanding design thinking and its management and implications. Benefits of using design thinking for business strategy development. Mapping and framing problem statements. Brainstorming ideas and creating innovative solutions. Divergent and convergent thinking. Key variables to transform large-scale organizational transformation. Agile M manufacturing for meeting customer needs and market demands. Agile hybrid and its use to streamline processes. Introduction to Lean Six Sigma Lean and the Cultural Change Fundamentals. Implementation of Lean Reducing D.O.W.N.T.I.M.E. (Defects, Overproduction, Waiting, Not utilizing talent, Transportation, Inventory excess, Motion waste, Excess processing). The book is primarily for beginners but can benefit anyone interested in bringing a Design thinking revolution in their business processes. The book has a diverse and dynamic range of topics under the umbrella of the Design Thinking Revolution. Frequently Asked Questions: Does the book help in understanding UX Design? Yes. The book is focused on using Design Thinking to improving business strategies and execution and helps you in understanding UX Design. Will the book help in improving business performance? Yes, the Lean Ultimate Collection, Agile Project Management and DOWNTIME reduction will help improve your business performance tremendously. Will this book be helpful for startups? Yes. This book is really helpful for startups and Small and Medium Enterprises.
Project to Product

Given the pace at which projects must be completed in an era of global hypercompetition and turbulence, examining the project management profession within the contexts of international trade and globalization is essential to encourage the highest level of efficiency and agility. Agile project management provides a flexible approach to managing projects as it allows a team to break large projects down into more manageable tasks that can be tackled in short iterations or sprints, thus enabling a team to adapt to change quickly and deliver work fast. Contemporary Challenges for Agile Project Management highlights the modern struggles that face businesses and leaders as they work to implement agile project management within their processes and try to gain a competitive edge through cross-functional team collaboration. Covering many underrepresented topics related to areas such as critical success factors, data science, and project leadership, this book is an essential resource for project leaders, managers, supervisors, business leaders, consultants, researchers, academicians, and students and educators of higher education.

Agile Faculty

An unstoppable business revolution is under way--and it is Agile. Sparking dramatic improvements in quality, innovation, and speed-to-market, the Agile movement has helped companies both large and small learn to connect everyone and everything... all the time. With rapidly evolving consumer needs and technology that is being updated quicker than ever before, businesses are recognizing how vitally essential it is to adapt and adapt quickly. The Agile movement enables a team, unit, or enterprise to nimbly acclimate and upgrade products and services to meet these constantly changing needs. Filled with examples from every sector, The Age of Agile helps readers: • Master the three laws of Agile Management (team, customer, network) • Embrace the new mindset • Overcome constraints • Employ meaningful metrics • Make the entire organization Agile and more! Companies don’t need to be born Agile. With the groundbreaking formulas laid out in this book, even global giants can learn to act entrepreneurially. Your company’s future may depend on it!

Agile Management

As tech giants and startups disrupt every market, those who master large-scale software delivery will define the economic landscape of the 21st century, just as the masters of mass production defined the landscape in the 20th. Unfortunately, business and technology leaders are woefully ill-equipped to solve the problems posed by digital transformation. At the current rate of disruption, half of S&P 500 companies will be replaced in the next ten years. A new approach is needed. In Project to Product, Value Stream Network pioneer and technology business leader Dr. Mik Kersten introduces the Flow Framework—a new way of seeing, measuring, and managing software delivery. The Flow Framework will enable your company’s evolution from project-oriented dinosaur to product-centric innovator that thrives in the Age of Software. If you’re driving your organization’s transformation at any level, this is the book for you.

Encyclopedia of Information Science and Technology

The definitive account of the Scrum methodology from its co-creator and the CEO of Scrum, Inc., Jeff Sutherland. Scrum is the revolutionary approach to project management and team building that has helped to transform everything from software companies to the US military to healthcare in major American hospitals. In this major new book its originator, Jeff Sutherland, explains precisely and step by step how it operates - and how it can be made to work for anyone, anywhere. Take the FBI attempt to digitize its records, for example. As with so many software projects the first attempt failed, having taken four years and cost over $400 million. Then the FBI turned to Scrum, and just over a year later unveiled a functioning system that cost less than a tenth of the first project and employed a tenth of the staff. And it’s not just grand projects that Scrum can help with. Every organisation, whatever its size, constantly has to come to grips with delivering a product or service on time and on budget. Scrum shows you how. It explains how to define precisely what it is that you are seeking to achieve, how to set up the team to achieve it, and how to monitor progress until the project is successfully completed. Filled with practical examples drawn from all types and organisation it will make you rethink the fundamentals of successful management - and show you how to get things done however everyday or ambitious, however small or large your organisation.
The Enterprise and Scrum

A agile Project Management: Agile RevolutionThe waterfall methodology isn't at fault, is it merely the manifestation of a managerial command and control structure that demands a plan - scope driven approach for creating products. Agile Project Management: Agile Revolution - Best book on the topic

The PMBOK® and resultant product development command and control waterfall methodology is enticing since it offers us an illusion of certainty. Not only management benefits from this, rather we as humans, by default adherence to the allure of THE PLAN. We now know it NEVER really functioned! A contributing to work by Professor Daniel Kahneman who coined the term “planning fallacy”, as well as the failure of the transformational view of input process and output management, and the delusion of thermostatic control, among others, we understand better our cognitive failures in planning, and controlling. The linear command and control managerial planning approach was somewhat sufficient as long as the speed of change in markets was reasonable. It isn't anymore, it has been accelerating. We need a new paradigm. This is Agile. In the Agile community there is a belief that people in organizations have already heard of Agile. This is a BIG mistake. Most project managers in most organization have no clue whatsoever about Agile culture. This is a mistake.

A agile Project Management: Agile Revolution Will teach you how to conduct a 5 day Agile workshop to lead the Agile revolution in your organization From the Author: Agile Project Management: Agile Revolution do not claim to invent any of the concepts within this book, I merely organize existing thoughts, practices, processes and tools which are part of the agile culture, in a method that makes sense, and that would generate success in implementing agile outside of software product development. Nevertheless, I am adding my own experiences in implementing the Agile culture and Lean thinking outside in the business. Unlike my other Agile books that assume a basic understanding of Agile concepts, I have selected a comprehensive view in this book; in order to build the logic and actively illustrate, that Agile thinking is a must in all project environments. I've opted to discuss the concepts of Agile systems since while software and hardware are integrated in many systems like PB&J, and Agile's next step into system development is natural, there is a forceful push back claiming it can't be done; it can't be Agile. Well, it can, however we need to understand more about: 1. The mechanics of Agile; 2. The Agile history; 3. The reasons leading to easy Agile implementations in software projects; 4. Differences between hardware and software, and our motivation to use Agile approaches in non-software projects; 5. How to adjust Agile culture to projects outside software. I wish you success in your Agile endeavors and fruitful reading.
Programming (XP), Kent Beck describes how to improve your software development by integrating these highly desirable concepts into your daily development process. The first edition of Extreme Programming Explained is a classic. It won awards for its then-radical ideas for improving small-team development, such as having developers write automated tests for their own code and having the whole team plan weekly. Much has changed in five years. This completely rewritten second edition expands the scope of XP to teams of any size by suggesting a program of continuous improvement based on: Five core values consistent with excellence in software development Eleven principles for putting those values into action Thirteen primary and eleven corollary practices to help you push development past its current business and technical limitations Whether you have a small team that is already closely aligned with your customers or a large team in a gigantic or multinational organization, you will find in these pages a wealth of ideas to challenge, inspire, and encourage you and your team members to substantially improve your software development. You will discover how to: Involve the whole team—XP style Increase technical collaboration through pair programming and continuous integration Reduce defects through developer testing Align business and technical decisions through weekly and quarterly planning Improve teamwork by setting up an informative, shared workspace You will also find many other concrete ideas for improvement, all based on a philosophy that emphasizes simultaneously increasing the humanity and effectiveness of software development. Every team can improve. Every team can begin improving today. Improvement is possible—beyond what we can currently imagine. Extreme Programming Explained, Second Edition, offers ideas to fuel your improvement for years to come.

The Software Project Manager's Bridge to Agility

Are you being asked to manage a project with:- unclear requirements? - high levels of change? - a team using Extreme Programming or other Agile Methods? This book is for project managers who are interested in learning the secrets of successfully controlling and delivering agile projects. From learning how agile projects are different from traditional projects, to detailed guidance on a number of agile management techniques, this book includes contributions from some of the industry experts—the visionaries who developed the agile methodologies in the first place. Contributors include:- Scott Ambler, developer of Agile Modeling - Alistair Cockburn, the developer of Crystal Methods - Larry Constantine, the visionary behind user-centred design and use cases- Ron Jeffries, co-creator of Extreme Programming - Linda Rising, the leading expert on the use of patterns in software design- and many others.

Managing Agile Projects

Digital tools have long been a transformative part of academia, enhancing the classroom and changing the way we teach. Yet there is a way that academia may be able to benefit more from the digital revolution: by adopting the project management techniques used by software developers. Agile work strategies are a staple of the software development world, developed out of the need to be flexible and responsive to fast-paced change at times when “business as usual” could not work. These techniques call for breaking projects into phases and short-term goals, managing assignments collectively, and tracking progress openly. Agile Faculty is a comprehensive roadmap for scholars who want to incorporate Agile practices into all aspects of their academic careers, be it research, service, or teaching. Rebecca Pope-Ruark covers the basic principles of Scrum, one of the most widely used models, and then through individual chapters shows how to apply that framework to everything from individual research to running faculty committees to overseeing student class work. Practical and forward-thinking, Agile Faculty will help readers not only manage their time and projects but also foster productivity, balance, and personal and professional growth.

Agile Revolution

This volume comprises papers presented at the 8th international conference “The Economies of the Balkan and Eastern European Countries in the Changing World” (EBEEC) held in Split, Croatia in 2016. The papers cover a wide range of current issues relevant for the whole of Eastern Europe, such as European integration, economic growth, labour markets, education and tourism. Written by experienced researchers in the field of economic challenges for Eastern Europe, the papers not only analyse recent problems, but also offer policies to resolve them. Furthermore, they offer insights into the theoretical and empirical foundations of the economic processes described. The proceedings of the conference appeals to all those interested in the further economic development of the Balkan and Eastern European countries.
Communication between man and machine is vital to completing projects in the current day and age. Without this constant connectiveness as we enter an era of big data, project completion will result in utter failure. Agile Approaches for Successfully Managing and Executing Projects in the Fourth Industrial Revolution addresses changes wrought by Industry 4.0 and its effects on project management as well as adaptations and adjustments that will need to be made within project life cycles and project risk management. Highlighting such topics as agile planning, cloud projects, and organization structure, it is designed for project managers, executive management, students, and academicians.