

Agile Project Management Creating Innovative Products 2nd Edition

Your Hands-On, "In-the-Trenches" Guide to Successfully Leading Agile Projects Agile methods promise to infuse development with unprecedented flexibility, speed, and value and these promises are attracting IT organizations worldwide. However, agile methods often fail to clearly define the manager's role, and many managers have been reluctant to buy in. Now, expert project manager Sanjiv Augustine introduces agility "from the manager's point of view, offering a proven management framework that addresses everything from team building to project control. Augustine bridges the disconnect between the assumptions and techniques of traditional and agile management, demonstrating why agility is better aligned with today's project realities, and how to simplify your transition. Using a detailed case study, he shows how agile methods can scale to succeed in even the largest projects: Defining a high-value role for the manager in agile project environments Refocusing on "outcomes--not rigid plans, processes, or controls Structuring and building adaptive, self-organizing "organic teams" Forming a guiding vision that aligns your team behind a common purpose Empowering your team with the information it needs to succeed Managing the flow of customer value from one creative stage to the next Leveraging your team

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members strengths as "whole persons"Implementing full-life-cycle agility: from planning and coding to maintenance and knowledge transfer Customizing agile methods to your unique environmentBecoming an "adaptive leader" who can inspire and energize agile teams Whether you re a technical or business manager, "Managing Agile Projects" gives you all the tools you need to implement agility in "your environment"and reap its full benefits. "Managing Agile Projects is part of the Robert C. Martin series.(c) Copyright Pearson Education. All rights reserved.

The authors show how to "manage" ingenuity--and "manufacture" the next great idea, in other words they tell what managers need to know about how artists and highly creative people work.

“Collaboration Explained is a deeply pragmatic book that helps agile practitioners understand and manage complex organizational and team dynamics. As an agile coach, I’ve found the combination of straightforward advice and colorful anecdotes to be invaluable in guiding and focusing interactions with my teams. Jean’s wealth of experience is conveyed in a carefully struck balance of reference guides and prose, facilitating just-in-time learning in the agile spirit. All in all, a superb resource for building stronger teams that’s fit for agile veterans and neophytes alike.” —Arlen Bankston, Lean Agile Practice Manager, CC Pace “If Agile is the new ‘what,’ then surely Collaboration is the new ‘how.’ There are many things I really like about Jean’s new book. Right at the top of the list is that I don’t have to make lists of ideas for

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collaboration and facilitation anymore. Jean has it all. Not only does she have those great ideas for meetings, retrospectives, and team decision-making that I need to remember, but the startling new and thought-provoking ideas are there too. And the stories, the stories, the stories! The best way to transfer wisdom. Thanks, Jean!”

—Linda Rising, Independent Consultant *The Hands-On Guide to Effective Collaboration in Agile Projects* To succeed, an agile project demands outstanding collaboration among all its stakeholders. But great collaboration doesn’t happen by itself; it must be carefully planned and facilitated throughout the entire project lifecycle. *Collaboration Explained* is the first book to bring together proven, start-to-finish techniques for ensuring effective collaboration in any agile software project. Since the early days of the agile movement, Jean Tabaka has been studying and promoting collaboration in agile environments. Drawing on her unsurpassed experience, she offers clear guidelines and easy-to-use collaboration templates for every significant project event: from iteration and release planning, through project chartering, all the way through post-project retrospectives. Tabaka’s hands-on techniques are applicable to every leading agile methodology, from Extreme Programming and Scrum to Crystal Clear. Above all, they are practical: grounded in a powerful understanding of the technical, business, and human challenges you face as a project manager or development team member.

- Build collaborative software development cultures, leaders, and teams
- Prepare yourself to collaborate—and prepare your team
- Define clear roles for each participant in promoting

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collaboration · Set your collaborative agenda · Master tools for organizing collaboration more efficiently · Run effective collaborative meetings—including brainstorming sessions · Promote better small-group and pair-programming collaboration · Get better information, and use it to make better decisions · Use non-abusive conflict to drive positive outcomes · Collaborate to estimate projects and schedules more accurately · Strengthen collaboration across distributed, virtual teams · Extend collaboration from individual projects to the entire development organization

Design Thinking Revolution 3 books in 1: Mastering Design Thinking, Lean Collection & Agile Project Management. Rules & Mindset to Innovate your Business with Agile Methodologies and UX Design 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

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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 Methodologies. 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 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

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book help in understanding UX Design? Ans. 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? Ans. 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? Ans. This book is really helpful for startups and Small and Medium Enterprises.

In a fast-paced environment filled with uncertainty, successfully completing projects on time can feel like running an obstacle course. An emphasis on speed often forces project teams to make decisions without crucial data, leading to frequent changes of direction once more information becomes known. If people aren't light on their feet, complicated projects can easily get tripped up. Agile Project Management gives readers the strategies they need to take charge of urgent projects that involve unique resources and elements of uncertainty. The book offers an improvement upon classical project management processes by tying project processes more directly to the ever-changing requirements of business objective achieving improved flexibility and response time. Filled with examples showing how to implement agile PM into all project situations, the book demonstrates how to develop an appropriate and supportive infrastructure and environment, and reviews the roles of the project manager, general management, and the project team. Agile Project Management is the ultimate method for achieving

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superior results in an accelerated and changing environment.

Presents a step-by-step guide to effectively manage the computer software development process.

How to manage any project on just one piece of paper The New One-Page Project Manager demonstrates how to efficiently and effectively communicate essential elements of a project's status. The hands of a pocket watch reveal the time of day without following every spring, cog, and movement behind the face. Similarly, an OPPM template reduces any project—no matter how large or complicated—to a simple one-page document, perfect for communicating to upper management and other project stakeholders. Now in its Second Edition, this practical guide, currently saving time and effort in thousands of organizations worldwide, has itself been simplified, then refined and extended to include the innovative AgileOPPM™. This Second Edition will include new material and updates including an introduction of the ground-breaking AgileOPPM™ and an overview of MyOPPM™ template builder, available on-line Includes references throughout the book to the affiliated sections in the Project Management Body of Knowledge (PMBOK®) Shows templates for the Project Management Office (PMO) This new and updated Second Edition will help you master the one-page approach to both traditional project management and Agile project management. (PMBOK is a registered marks of the Project Management Institute, Inc.) "This book presents the latest research, case studies, best practices, and

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methodologies within the field of IT project management, offering research from top experts around the world in a variety of IT project management applications and job sectors"--Provided by publisher.

If you want to lead your team or organization to succeed but you don't know how to do it, then keep reading.... Forget about the conventional way of doing things. Today, consumers change their mind in a flip. Therefore, you need to be ready to adjust to such changes rapidly. Keep in mind that your ability to change will contribute a lot to the success of your product. The agile method of project management is a new way of handling projects by promoting rapid change in the project development process. The agile method was introduced after software developers found it difficult to deliver their products in time when using the traditional approach. Using this technique, they delivered applications late, and sometimes, their projects were canceled. This happened because of the delays which affected the delivery of products in time. Following the frustrations faced by software developers, they had to come up with a method which focused more on the product and not the process. They aimed to make sure that a product was in front of the consumers as quickly as possible. The fast delivery of software products was the only way that developers could understand what the customers wanted and make necessary changes. This is what led to Agile Project Management. Sure, the method was introduced to benefit software developers, but it can equally be utilized in any organization. The idea of managing projects occurs in

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every institution. Therefore, using the agile method can be an effective way to guarantee that a project succeeds. Inside this guide, we have discussed the 12 principles which govern the way a project should be handled. The highest priority of an agile project is to meet customer requirements through rapid and continuous delivery. Also, the change should be acknowledged at all stages of the development process. The agile method also promotes the idea that the project is built around a group of motivated individuals. Therefore, no one needs to be pushed around to meet their daily targets. This guide will focus on the following: Platinum Principles Agile Specific Methodologies The Need for Agile Development in an Organization What is Agile CCPM? Why You May Have Problems Implementing Agile Goal Setting and OKRs Techniques of Agile Software Development Understanding the Agile Lifecycle Scrum Roles Principles for Designing the Teams Planning Your Project How to Track the agile Project? DSDM Atern Challenges of Implementing Agile Risks of Agile Project Management Tips for Successful Scrum ... AND MORE!!! Even if you come from the traditional management style and it's your first approach with agile, this book will really explain you all the details of this smart approach. Even if your team has never had an approach with agile method, this book will explain you how to install the right mindset in your team members. So, what are you waiting for? SCROLL UP THE PAGE AND GRAB YOUR COPY TODAY CLICKING "BUY NOW" button!

When Fortune Magazine estimated that 70% of all strategies fail, it also noted that most

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of these strategies were basically sound, but could not be executed. The central premise of Strategic Project Management Made Simple is that most projects and strategies never get off the ground because of adhoc, haphazard, and obsolete methods used to turn their ideas into coherent and actionable plans. Strategic Project Management Made Simple is the first book to couple a step-by-step process with an interactive thinking tool that takes a strategic approach to designing projects and action initiatives. Strategic Project Management Made Simple builds a solid platform upon four critical questions that are vital for teams to intelligently answer in order to create their own strong, strategic foundation. These questions are: 1. What are we trying to accomplish and why? 2. How will we measure success? 3. What other conditions must exist? 4. How do we get there? This fresh approach begins with clearly understanding the what and why of a project - comprehending the bigger picture goals that are often given only lip service or cursory reviews. The second and third questions clarify success measures and identify the risky assumptions that can later cause pain if not spotted early. The how questions - what are the activities, budgets, and schedules - comes last in our four-question system. By contrast, most project approaches prematurely concentrate on the how without first adequately addressing the three other questions. These four questions guide readers into fleshing out a simple, yet sophisticated, mental workbench called "the Logical Framework" - a Systems Thinking paradigm that lays out one's own project strategy in an easily accessible, interactive

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4x4 matrix. The inclusion of memorable features and concepts (four critical questions, LogFrame matrix, If-then thinking, and Implementation Equation) make this book unique.

Shows you what it takes to develop products that blow your users away—and take market share from your competitors. This book will explain how the principles behind agile product development help designers, developers, architects, and product managers create awesome products; and how to look beyond a shiny user interface to build a great product. Most importantly, this book will give you a shared framework for your product development team to collaborate effectively. Product development involves several key activities—including ideation, discovery, design, development, and delivery—and yet too many companies and innovators focus on just a few of them much to the detriment of the product's success in the marketplace. As a result we still continue to see high failure rates in new product development, be it inside organizations or startups. Unfortunately, or rather fortunately, these failures are largely avoidable. In the last fifteen years, advances in agile software development, lean product development, human-centered design, design thinking, lean startups and product delivery have helped improve individual aspects of product development. However, not enough guidance has been available to integrate them in the context of the product development life cycle. Until now. Product developer extraordinaire Tathagat Varma in Agile Product Development integrates individual knowledge areas into a field manual

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for product developers. Organized in the way an idea germinates, sprouts, and grows, the book synthesizes the body of knowledge in a pragmatic way that is more natural to the entire product creation process rather than from individual practices that constitute it. In today's hyper-innovative world, being first to the market, or delivering feature-loaded products, or even offering the latest technology doesn't guarantee success anymore. Sure, those elements are all needed in the right measures, but they are not sufficient by themselves. And getting it right couldn't be more important: Building products that deliver awesome user experiences is the top challenge facing businesses today, especially in a post-Apple world where user experience and design has been elevated to a cult status.

Working at Inventing offers a fascinating study of research and development at Thomas Edison's Menlo Park (New Jersey) laboratory during the six years between 1876 and 1882 that transformed American life. Edison and his associates developed ideas that led to more than four hundred patents and made major contributions to telegraphy, telephony, and the duplication of texts. They also made breakthrough innovations in two age-old human quests: conquering the darkness of night and preserving and replaying sound. In the process, Edison demonstrated how to combine technological innovation and business strategy. Afterward, research and development became essential corporate activities. Six experts on Edison's work deal in turn with the working conditions and the experiences at Menlo Park; the work culture of machinists and their

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impact on innovation; the role that telegraphy played in forming the lab's inventive activities; Edison's use of mental models in developing the telephone; the importance of visual communication in technology; and the significance of Menlo Park as a model of scientific and technological development. William Pretzer's introduction to the volume provides the context of Edison's career, while an epilogue explains the public interpretation of the Menlo Park laboratory as reconstructed by Henry Ford in his outdoor museum, Greenfield Village.

“...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,

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and training providers developing courses, will find this second edition quite helpful. 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!

This book is intended to provide project management office (PMO) executives’ practical information to promote enterprise Agile for business value compatibility within

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their organization. The primary benefit of this book is to promote a sense of common purpose and collaboration between the project delivery and the organization. Agile project delivery methods are adaptable to the emergence of unknown requirements identified in the later part of the project delivery lifecycle. The key success factor is direct business participation and collaboration to ensure that a business focus determines the output. Agile promotes innovation and creates synergies through a business focus viewing technology deployments as a catalyst for change rather than the final objective. Technology investments implemented through Agile processes result in improved market leadership, organizational alignment, and resource efficiency delivering competitive advantage.

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.

Find your company's unique innovation style, and nurture it into a powerful competitive advantage Praised by business leaders worldwide, Agile Innovation

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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

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highlighted in 11 detailed case studies illustrating the world's best innovation practices at Wells Fargo, Nike, Volvo, Netflix, Southwest Airlines, NASA, 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

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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.

The ultimate study package for the new PMI-ACP exam The PMI-ACP Project Management Institute Agile Certified Practitioner Exam Study Guide is an all-in-one package for comprehensive exam preparation. This up-to-date guide is fully aligned with the latest version of the exam, featuring coverage of 100 percent of the exam domains. Expanded coverage of AGILE includes the basic principles, value-driven delivery, stakeholder engagement, team performance, adaptive planning, problem detection and resolution, and continuous improvement to align with the A Guide to the Project Management Body of Knowledge (PMBOK® 6th Edition) and its increased emphasis on agile, adaptive and iterative practices. In-depth discussion merges with hands-on exercises and real-world scenarios to provide a well-rounded review of essential exam concepts, while the online learning center provides an assessment test, chapter tests, a practice exam, and study aids to help you ensure complete preparation for the big day. Master 100 percent of the exam objectives, including expanded AGILE coverage Reinforce critical concepts with hands-on practice and real-world scenarios Test your

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knowledge with challenging chapter review questions One year of FREE access to the Sybex online test bank featuring practice tests, flashcards, a glossary, and more Project management is one of the most in-demand skills in today's job market, making more and more employers turn to AGILE methodologies to enhance delivery and results. The PMI-ACP certification shows employers that you have demonstrated mastery of essential project management skills and a practical understanding of adaptive, iterative processes; this validation puts you among the ranks of qualified project management professionals employers are desperately seeking, and the PMI-ACP Project Management Institute Agile Certified Practitioner Exam Study Guide is your one-stop resource for exam success.

Innovation Project Management Handbook provides organizational leaders and decision-makers with a cadre of agile, disciplined, and transformational tools and processes for improving innovation opportunity outcomes and achieving sustained innovation project success. The authors introduce new tools and processes developed over their decades of work i

With over 50% new content, this update of industry classic "Developing Products in Half the Time" reveals how engineers and manufacturing, design, and marketing managers can dramatically accelerate product development

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projects--from packaged goods to medical electronics--while simultaneously improving quality.

Would you like your organization to innovate more? Start with your management practices. You might never have seen innovation in management. You are not alone. Learn to create an environment where people can innovate. See how to use the organization's purpose to manage for better outcomes. Free people to work better and faster. Based on research and backed up by personal stories, you'll see how modern managers practice innovation. Through questions and stories, learn how you can: Create management teamwork at all levels. Reduce management decision time. Manage for effectiveness to promote innovation. Plan by value. Welcome experiments and learn from them. Move from change management to embracing change. And, much more. With its question and myth, each chapter offers you options to rethink how you can create management innovation. Change your practices and free the people to deliver better outcomes. Become a modern manager. Learn to lead an innovative organization. Actionable tools, processes and metrics for successfully managing innovation projects

Conventional project management methods are oftentimes insufficient for managing innovation projects. Innovation is lost under the pre-determined scope and forecasted environments of traditional project management. There is

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tremendous pressure on organizations to innovate, and the project managers responsible for managing these innovation projects do not have the training or tools to do their jobs effectively. Innovation Project Management provides the tools, insights, and metrics needed to successfully manage innovation projects—helping readers identify problems in their organization, conceive elegant solutions, and, when necessary, promote changes to their organizational culture. There are several kinds of innovation—ranging from incremental changes to existing products to wholly original processes that emerge from market-disrupting new technology—that possess different characteristics and often require different tools. Best-selling author and project management expert Harold Kerzner integrates innovation, project management, and strategic planning to offer students and practicing professionals the essential tools and processes to analyze innovation from all sides. Innovation Project Management deconstructs traditional project management methods and explains why and how innovation projects should be managed differently. This invaluable resource: Provides practical advice and actionable tools for effectively managing innovation projects Offers value-based project management metrics and guidance on how to establish a metrics management program Shares exclusive insights from project managers at world-class organizations such as Airbus, Boeing, Hitachi, IBM, and

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Siemens on how they manage innovation projects Explores a variety of types of innovation including co-creation, value-driven, agile, open versus closed, and more Instructors have access to PowerPoint lecture slides by chapter through the book's companion website Innovation Project Management: Methods, Case Studies, and Tools for Managing Innovation Projects is an essential text for professional project managers, corporate managers, innovation team members, as well as students in project management, innovation and entrepreneurship programs.

"The P-51 Mustang—perhaps the finest piston engine fighter ever built—was designed and put into flight in just a few months. Specifications were finalized on March 15, 1940; the airfoil prototype was complete on September 9; and the aircraft made its maiden flight on October 26. Now that is a lean development process!" —Allen Ward and Durward Sobek, commenting on the development of the P-51 Mustang and its exemplary use of trade-off curves. Shingo Research and Professional Publication Award recipient, 2008 Despite attempts to interpret and apply lean product development techniques, companies still struggle with design quality problems, long lead times, and high development costs. To be successful, lean product development must go beyond techniques, technologies, conventional concurrent engineering methods, standardized engineering work,

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and heavyweight project managers. Allen Ward showed the way. In a truly groundbreaking first edition of *Lean Product and Process Development*, Ward delivered -- with passion and penetrating insights that cannot be found elsewhere -- a comprehensive view of lean principles for developing and sustaining product and process development. In the second edition, Durward Sobek, professor of Mechanical and Industrial Engineering at Montana State University—and one of Ward's premier students—edits and reorganizes the original text to make it more accessible and actionable. This new edition builds on the first one by: Adding five in-depth and inspiring case studies. Including insightful new examples and illustrations. Updating concepts and tools based on recent developments in product development. Expanding the discussion around the critical concept of set-based concurrent engineering. Adding a more detailed table of contents and an index to make the book more accessible and user-friendly. *The True Purpose of Product Development* Ward's core thesis is that the very aim of the product development process is to create profitable operational value streams, and that the key to doing so predictably, efficiently, and effectively is to create useable knowledge. Creating useable knowledge requires learning, so Ward also creates a basic learning model for development. But Ward not only describes the technical tools needed to make lean product and process development actually

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work. He also delineates the management system, management behaviors, and mental models needed. In this breakthrough text, Ward: Asks fundamental questions about the purpose and “value added” in product development so you gain a crystal clear understanding of essential issues. Shows you how to find the most common forms of “knowledge waste” that plagues product development. Identifies four “cornerstones” of lean product development gleaned from the practices of successful companies like Toyota and its partners, and explains how they differ from conventional practices. Gives you specific, practical recommendations for establishing your own lean development processes. Melds observations of effective teamwork from his military background, engineering fundamentals from his education and personal experience, design methodology from his research, and theories about management and learning from his study of history and experiences with customers. Changes your thinking forever about product development.

Flex your project management muscle Agile project management is a fast and flexible approach to managing all projects, not just software development. By learning the principles and techniques in this book, you'll be able to create a product roadmap, schedule projects, and prepare for product launches with the ease of Agile software developers. You'll discover how to manage scope, time,

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and cost, as well as team dynamics, quality, and risk of every project. As mobile and web technologies continue to evolve rapidly, there is added pressure to develop and implement software projects in weeks instead of months—and Agile Project Management For Dummies can help you do just that. Providing a simple, step-by-step guide to Agile project management approaches, tools, and techniques, it shows product and project managers how to complete and implement projects more quickly than ever. Complete projects in weeks instead of months Reduce risk and leverage core benefits for projects Turn Agile theory into practice for all industries Effectively create an Agile environment Get ready to grasp and apply Agile principles for faster, more accurate development.

What is Agile Project Management and will it bring my project in on time and budget? If you need a solid understanding of how Agile Project Management works so your projects can fully benefit from using this innovative and powerful approach, this book is essential reading. Brilliant Agile Project Management does more than just talk you through the techniques and processes - focussing on real-life use of Agile in business environments, it provides practical advice and techniques on how to implement and work with Agile, so you always know exactly what to do and say to make your project a success. · Assess whether your organisation or project is right for using APM · Understand how to implement APM into any project · Overcome common problems with APM Get up to speed with Agile Project Management and get ahead – fast!

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EDGE: The Agile Operating Model That Will Help You Successfully Execute Your Digital Transformation “[The authors’] passion for technology allows them to recognize that for most enterprises in the 21st century, technology is THE business. This is what really separates the EDGE approach. It is a comprehensive operating model with technology at its core.” —From the Foreword by Heidi Musser, Executive Vice President and Principal Consultant, Leading Agile; retired, Vice President and CIO, USAA Maximum innovation happens at the edge of chaos: the messy, risky, and uncertain threshold between randomness and structure. Operating there is uncomfortable but it’s where organizations “invent the future.” EDGE is a set of fast, iterative, adaptive, lightweight, and value-driven tools to achieve digital transformation, and EDGE: Value-Driven Digital Transformation is your guide to using this operating model for innovation. Jim Highsmith is one of the world’s leading agile pioneers and a coauthor of the Agile Manifesto. He, Linda Luu, and David Robinson know from their vast in-the-trenches experience that sustainable digital transformation requires far more than adopting isolated agile practices or conventional portfolio management. This hard, indispensable work involves changing culture and mindset, and going beyond transforming the IT department. EDGE embraces an adaptive mindset in the face of market uncertainty, a visible, value-centered portfolio approach that encourages continual value linkages from vision to detailed initiatives, incremental funding that shifts as strategies evolve, collaborative decision-making, and better risk mitigation. This guide shows leaders how to use the breakthrough EDGE approach to go beyond incremental improvement in a world of exponential opportunities. Build an organization that adapts fast enough to thrive Clear away unnecessary governance processes, obsolete “command and control” leadership approaches, and slow

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budgeting/planning cycles Improve collaboration when major, fast-paced responses are necessary Continually optimize investment allocation and monitoring based on your vision and goals Register your product for convenient access to downloads, updates, and/or corrections as they become available. See inside book for details.

According to the U.S. Bureau of Labor Statistics (BLS) approximately 20% of new businesses fail during the first two years of being open, 45% during the first five years, and 65% during the first 10 years! Agile methodology greatly helps companies to build products in iterations, get timely feedback, achieve speed to market, capture market share early, fail fast, adapt to changes quickly and more efficiently as they grow and aim to succeed. There are various types of agile methodologies in practice - Scrum, Kanban, FDD, and others. The Scrum is one of the most popular agile methodology in use by companies. While Scrum can be successfully implemented to execute the project, Scrum's implementations can also cause several problems in a complex product type of application where simply executing each sprint as per strict agile Scrum doctrine is not practical. Some of these problems are - compromised architecture, challenges in handling dependencies, demotivated employees due to routine and time pressures, lack of creativity and innovation culture, difficulty closing the story within the sprint, too much tactical product vision instead of strategic, development environment that's like stress chamber etc., In author's experience considerable amount of success can be achieved by taking Scrum as base process and then blending some Kanban and Waterfall methodologies resulting in Hybrid Agile project management process. The primary goal of this book is to outline this Hybrid Agile process for such product development projects where while pure agile concepts like Scrum time-boxing is used, some non-agile concepts are also used to

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overcome the drawbacks of pure agile implementations. Hybrid Agile is not a defined framework like Scrum or Kanban. The specification for Hybrid Agile given in this book is author's definition and implementation of same by using maximum Scrum and customizing and optimizing with some Kanban, Waterfall etc.

A deceptively simple process called Scrum, a new approach to systems development projects, is described here. Application development managers will learn how to simplify the implementation of Agile processes with Scrum, how to simplify XP implementation through a Scrum wrapper, how to understand the theoretical underpinnings of Agile processes, and why Agile processes work and how to manage them. Material is of interest to the software development community at large. Schwaber is president of a software development consultancy. Annotation copyrighted by Book News Inc., Portland, OR.

"This book brings together the necessary methodologies and resources for organizations to understand the challenges and discover the solutions that will enhance their businesses"--
The book is intended to provide a much deeper understanding of agile principles, methodologies, and practices to enable project managers to develop a more agile approach and understand how to blend and tailor agile and traditional principles, methodologies, and practices to create an appropriate balance of control and agility to fit a business environment as well as the risks and complexities of any individual project. The book will also provide business managers and leaders an understanding of how to fit agile methodologies into an overall business strategy that provides the right balance of control and agility for their business.
Partial Contents1: Software Ascents- Components of Adaptive Software Development2: Thriving at the Edge of Chaos- The Adaptive Development Model3: The Project Mission-

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Identify the Mission- Create Mission Artifacts- Share Mission Values- Focus on Results4:
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Traditional software development methods struggle to keep pace with the accelerated pace and rapid change of Internet-era development. Several "agile methodologies" have been developed in response -- and these approaches to software development are showing exceptional promise. In this book, Jim Highsmith covers them all -- showing what they have in common, where they differ, and how to choose and customize the best agile approach for your needs.**KEY TOPICS:**Highsmith begins by introducing the values and principles shared by virtually all agile software development methods. He presents detailed case studies from organizations that have used them, as well as interviews with each method's principal authors or leading practitioners. Next, he takes a closer look at the key features and techniques associated with each major Agile approach: Extreme Programming (XP), Crystal Methods, Scrum, Dynamic Systems Development Method (DSDM), Lean Development, Adaptive

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Software Development (ASD), and Feature-Driven Development (FDD). In Part III, Highsmith offers practical advice on customizing the optimal agile discipline for your own organization. MARKET: For all software developers, project managers, and other IT professionals seeking more flexible, effective approaches to developing software.

To support the broadening spectrum of project delivery approaches, PMI is offering A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Sixth Edition as a bundle with its latest, the Agile Practice Guide. The PMBOK® Guide – Sixth Edition now contains detailed information about agile; while the Agile Practice Guide, created in partnership with Agile Alliance®, serves as a bridge to connect waterfall and agile. Together they are a powerful tool for project managers. The PMBOK® Guide – Sixth Edition – PMI's flagship publication has been updated to reflect the latest good practices in project management. New to the Sixth Edition, each knowledge area will contain a section entitled Approaches for Agile, Iterative and Adaptive Environments, describing how these practices integrate in project settings. It will also contain more emphasis on strategic and business knowledge—including discussion of project management business documents—and information on the PMI Talent Triangle™ and the essential skills for success in today's market. Agile Practice Guide has been developed as a resource to understand, evaluate, and use agile

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and hybrid agile approaches. This practice guide provides guidance on when, where, and how to apply agile approaches and provides practical tools for practitioners and organizations wanting to increase agility. This practice guide is aligned with other PMI standards, including A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Sixth Edition, and was developed as the result of collaboration between the Project Management Institute and the Agile Alliance.

Agile Estimating and Planning is the definitive, practical guide to estimating and planning agile projects. In this book, Agile Alliance cofounder Mike Cohn discusses the philosophy of agile estimating and planning and shows you exactly how to get the job done, with real-world examples and case studies. Concepts are clearly illustrated and readers are guided, step by step, toward how to answer the following questions: What will we build? How big will it be? When must it be done? How much can I really complete by then? You will first learn what makes a good plan-and then what makes it agile. Using the techniques in Agile Estimating and Planning , you can stay agile from start to finish, saving time, conserving resources, and accomplishing more. Highlights include: Why conventional prescriptive planning fails and why agile planning works How to estimate feature size using story points and ideal days—and when to use each How and when to re-

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estimate How to prioritize features using both financial and nonfinancial approaches How to split large features into smaller, more manageable ones How to plan iterations and predict your team's initial rate of progress How to schedule projects that have unusually high uncertainty or schedule-related risk How to estimate projects that will be worked on by multiple teams Agile Estimating and Planning supports any agile, semiagile, or iterative process, including Scrum, XP, Feature-Driven Development, Crystal, Adaptive Software Development, DSDM, Unified Process, and many more. It will be an indispensable resource for every development manager, team leader, and team member.

Jim Highsmith addresses the leading non-published aspect of agile methods: project management. Included in the book are a handy set of agile tools and instruction on bridging the gap from traditional software project management. 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,

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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

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ways that encourage agility instead of discouraging it The changing role of the agile project leader

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