Agile Planning In A Multi Project Multi Team Environment

Compared to a few decades ago, companies today are faced with a much more challenging environment providing successful products and solutions for their customers. They are dealing with global competition, very rapid change in technologies, and tremendous volatility in economic conditions. As project managers, we are helping our companies survive in this difficult landscape. We are "agents of change" and "drivers of change." The most important project management methodology today that will help us deal with this change and this volatility is Agile. However, no one process or project management methodology fits all situations! Agile is not a panacea for all projects. Many times, our projects are large enough and complex enough that some parts of the project are best suited to using a predictive planning approach, and other parts are more suited to using Agile. Therefore, a hybrid approach that mixes the traditional, waterfall approach with Agile is really required in many situations today. The agile community oftentimes has quite a negative view of hybrid approaches. Key writers on Agile often say that attempting to use hybrid will corrupt all attempts to use Agile, and will result in failure. In this book, the argument is made that integrating these methodologies can be done if approached the right way, and in fact, this is necessary today.

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, 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.

This is a comprehensive guide to Scrum for all (team members, managers, and executives). If you want to use Scrum to develop innovative products and services that delight your customers, this is the complete, single-source reference you've been searching for. This book provides a common understanding of Scrum, a shared vocabulary that can be used in applying it, and practical knowledge for deriving maximum value from it.

Agile Project Management for Mission Critical IT Projects isn't a book for theorists. It's a book for real world managers who are handed complex projects with inflexible dates, inflexible scope and fixed budgets or any combination thereof. While much of this book focuses on large projects, the techniques described can also be utilized by small and medium sized projects. Agile methods like Scrum have provided the foundation for an efficient software assembly line and there's no reason to change what works. The project management techniques described in this book will enable you to build and run an efficient Agile software factory. With the methods described in this book, you'll know if your teams are tracking to the expected output and, if not, how to fix your project productivity model. This book presents

World Bank Discussion Paper No. 326.Draws on the successful experiences of five Eas economies--Japan, the Republic of Korea, Singapore, Taiwan (China), and Hong Kong--to how they have exploited the opportunities made possible by the information technolog revolution and built sustainable competitive advantages in many high-value-added indu and services. The study examines the role of government in unleashing private-sector promoting the information technology industry, diffusing technology, and focusing reso strategic elements of the national information infrastructure. It also explores the role private sector in influencing the development and use of the new technologies.

Modern projects are confronted with complexity and ambiguity. To provide a holistic framework, this book presents a new project management model that is used to ident nature of a project and develop appropriate project solutions. It also allows a circular process, leading to coherence across the project's elements.

"…a well written and content rich book. From a teacher's perspective, using this book advanced project management seminar challenges students to understand the applicat these concepts." —Alexander Walton, PMP, IT consultant to the University of California Berkeley Widely acclaimed as one of the top agile books in its first edition, Project Ma the Agile Way has now been updated and redesigned by popular demand. This second e in a modular format to facilitate training and advanced course instruction, and provide coverage of agile, such as hybrid agile methods, the latest public sector practices, and 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 inp output; and introduces new concepts such as return on benefit. Experienced practition students that want to learn how to make agile work effectively in the enterprise shou book. Individuals preparing for the PMI Agile Certified Practitioner (PMI-ACP)®examinat and training providers developing courses, will find this second edition quite helpful.

UNLOCKING AGILE???S MISSED POTENTIAL Agile has not delivered on its promises. The business side expected faster time to market, but they still experience the long delays releases. Engineers thought they would be given time to build the product right the fir they are rushed under pressure to deliver new features within impossible schedules. W wrong? The culprit is feature-based waterfall release planning perpetuated in a vain at achieve business predictability. Agile didn't address the business need for multi-year fir predictability. The Agile community's answer was the naïve response, "The business ne more Agile." Waterfall release planning with fixed schedules undercuts a basic tenet of development – the need to adjust content delivered within a timebox to account for e requirements and incorporation of feedback. Agile without flexible content is not Agile. book introduces a novel solution that enables product teams to deliver higher value w shorter cycle times while meeting the predictability needs of the business. Organizatio

want product teams that break down walls between product management and enginee
achieve schedule and financial objectives. Until now they haven't had a way to impleme
product teams within the rigid constraints of traditional organizational structures. The
Investment planning approach described in this book supports small development increr
planned and developed by product teams aligned by common schedule and financial goa
uses Cost of Delay principles to prioritize work with the highest value and shortest cyc
Investments provide a vehicle for collaboration and innovation and fulfill the promise of
motivated self-directed Agile development teams. This book is for engineers, product m
and project managers who want to finally do Agile the way it was envisioned. This bool
for leaders who want to build high-performance teams around the inherent motivation
environment of Agile when done right. Foreword by Steve McConnell, author of More E
Agile: A Roadmap for Software Leaders (Construx Press, 2019).

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

Large-Scale Scrum

XP/Agile Universe … : … XP Universe and … Agile Universe Conference … : Proceedings

Practices for Scaling Lean & Agile Development

6th International Workshop, EMAS 2018, Stockholm, Sweden, July 14-15, 2018, Revised
Selected Papers

Best Practices for Large Enterprises

Agile Estimating and Planning

The CE Conference series is organized annually by the International Society for Product
Enhancement (ISPE) and constitutes an important forum for international scientific
exchange on concurrent and collaborative enterprise engineering. These international
conferences attract a significant number of researchers, industrialists and students, as
government representatives, who are interested in the recent advances in concurrent
engineering research and applications. Concurrent Engineering Approaches for Sustainal
Product Development in a Multi-Disciplinary Environment: Proceedings of the 19th ISPE
International Conference on Concurrent Engineering contains papers accepted, peer
reviewed and presented at the annual conference held at the University of Applied Scie
Trier, Germany, from 3rd-7th of September 2012. This covers a wide range of cutting-e
topics including: Systems Engineering and Innovation Design for Sustainability Knowledg
Engineering and Management Managing product variety Product Life-Cycle Managemen
and Service Engineering Value Engineering

Rather than deciding whether or not to get involved in global sourcing, many companie
facing decisions about whether or not to apply agile methods in their distributed proje
These companies are often motivated by the opportunities to solve the coordination ar
communication difficulties associated with global software development. Yet while agile
principles prescribe close interaction and co-location, the very nature of distributed so
development does not support these prerequisites. Šmite, Moe, and Ågerfalk structure
book into five parts. In "Motivation" the editors introduce the fundamentals of agile
distributed software development and explain the rationale behind the application of ag
practices in globally distributed software projects. " Transition" describes implementati
strategies, adoption of particular agile practices for distributed projects, and general co
of agility. "Management" details practical implications for project planning, time
management, and customer and subcontractor interaction. "Teams" discusses agile

distributed team configuration, effective communication and knowledge transfer, and allocation of roles and responsibilities. Finally, in the "Epilogue" the editors summarize all contributions and present future trends for research and practice in agile distributed development. This book is primarily targeted at researchers, lecturers, and students in empirical software engineering, and at practitioners involved in globally distributed soft projects. The contributions are based on sound empirical research and identify gaps and commonalities in both the existing state of the art and state of the practice. In addition also offer practical advice through many hints, checklists, and experience reports. Ques answered in this book include: What should companies expect from merging agile and distributed strategies? What are the stumbling blocks that prevent companies from rea the benefits of the agile approach in distributed environments, and how can we recogn infeasible strategies and unfavorable circumstances? What helps managers cope with t challenges of implementing agile approaches in distributed software development proje How can distributed teams survive the decisions taken by management and become eff through the application of agile approaches?

This volume provides theoretical perspectives on and approaches to the development of enhancement of positive psychological capacities within various multi-cultural professio and organizational contexts. Specifically, it presents theoretical frameworks for the identification, development and optimization of positive psychological capacities through contemporary, multi-cultural and multi-disciplinary lens. In recent years, the applicability positive psychological intervention (PPI) techniques has transposed the boundaries of c practice into a wide array of complementary domains such as law, education, business even design sciences such as architecture. These interventions target the enhancement positive psychological capacities (e.g. strength-identification and use; high-performance learning; appreciative design; job-crafting) in order to not only improve individual functioning, well-being and the treatment of various forms of psychopathology but also enhance team functioning/performance, organizational growth and community developm Despite its importance, very little research has been done on the design of PPIs applica multi-cultural contexts. The contributions to this volume provide insights into this hithe neglected area of research.

This book constitutes the refereed proceedings of the 15th International Conference or Practical Applications of Scalable Multi-Agent Systems, PAAMS 2017, held in Porto, Portugal, in June 2017. The 11 revised full papers, 11 short papers, and 17 Demo papers carefully reviewed and selected from 63 submissions. The papers report on the applicat and validation of agent-based models, methods, and technologies in a number of key application areas, including day life and real world, energy and networks, human and tru markets and bids, models and tools, negotiation and conversation, scalability and resour

Leverage Azure, AWS, GCP, and VMware vSphere to build effective multi-cloud solutions

A Manager's Guide

Advances in Practical Applications of Agents, Multi-Agent Systems, and Social Good. The PAAMS Collection

Transformation Without Chaos

Agile Project Management with Scrum

Achieving Outstanding Speed and Results with Predictability

19th International Conference, PAAMS 2021, Salamanca, Spain, October 6–8, 2021, Proceedings

*EXPANDED AND UPDATED Deliver Products in Short Cycles with Rapid
Adaptation to Change, Fast Time-to-Market, and Continuous
Improvement -- Which Supports Innovation and Drives Competitive
Advantage Shifting customer needs are common in today's
marketplace. Businesses must be adaptive and responsive to
change while delivering an exceptional customer experience to be
competitive. There are a variety of frameworks supporting the
development of products and services, and most approaches fall
into one of two broad categories: traditional or agile.
Traditional practices such as waterfall engage sequential
development, while agile involves iterative and incremental
deliverables. Organizations are increasingly embracing agile to
manage projects, and best meet their business needs of rapid
response to change, fast delivery speed, and more. With clear
and easy to follow step-by-step instructions, Agile Scrum helps
you: - Implement and use the most popular agile framework --
Scrum - Deliver products in short cycles with rapid adaptation
to change, fast time-to-market, and continuous improvement -
Support innovation and drive competitive advantage Agile Scrum
is for those interested or involved in innovation, project
management, product development, software development or
technology management. It's for those who have not yet used
Scrum. It's also for people already using Scrum, in roles such
as Product Owners, Scrum Masters, Development Team members
(business analysts, solution and system architects, designers,
developers, testers, etc.), customers, end users, agile coaches,
executives, managers, and other stakeholders. For those already
using Scrum, this guide can serve as a reference on practices
for consideration and potential adaptation. Reactions to Agile
Scrum have been incredibly positive. "A superbly written and
presented guide to team-based project management that is
applicable across a broad range of businesses from consumer
products to high-tech." - IndieBRAG "Recommended." - The US
Review of Books "The book is excellent." - Readers' Favorite "An
all-inclusive instruction guide that is impressively 'user-
friendly' in tone, content, clarity, organization, and
presentation." - Midwest Book Review "A-type personalities
(those inclined to avoid instruction manuals) and non-readers
will rejoice upon discovering this guide which makes getting
started with Agile Scrum a breeze." - Literary Classics Book
Reviews "A must-have for a project manager wanting to introduce
Scrum to the organization." - PM World Journal "A clear and
authoritative roadmap for successful implementation." -
BookViral Agile Scrum has received 17 FIRST PLACE WINS in
national and international competitions: 5th Annual Beverly
Hills International Book Awards - Business-General category 5th*

Annual Beverly Hills International Book Awards -Technology category 2016 London Book Festival - Business category Fall 2016 Pinnacle Book Achievement Awards - Business category 2017 Feathered Quill Book Awards - Informational (Business) category 2016 New Apple Book Awards - Technology category 2017 Independent Press Award - Technology category 11th Annual National Indie Excellence Awards - Technology category 2017 Pacific Rim Book Festival - Business category 2017 Bookvana Awards - Green/Conscious Business category 2017 Book Excellence Awards - Technology category 14th Annual Best Book Awards - Business Reference category 2017 New York City Big Book Awards - Technology category 2017 Royal Dragonfly Book Awards - Science & Technology category 2017 Human Relations Indie Book Awards - Workplace category 2018 Florida Book Festival - Business category 2018 Pacific Book Awards - Business category Agile Scrum -- get your copy today!

This updated edition shows you how to use the agile project management framework for success! Learn how to apply agile concepts to your projects. This fully updated book covers changes to agile approaches and new information related to the methods of managing an agile project. Agile Project Management For Dummies, 3rd Edition gives product developers and other project leaders the tools they need for a successful project. This book's principles and techniques will guide you in creating a product roadmap, self-correcting iterations of deployable products, and preparing for a product launch. Agile approaches are critical for achieving fast and flexible product development. It's also a useful tool for managing a range of business projects. Written by one of the original agile technique thought-leaders, this book guides you and your teams in discovering why agile techniques work and how to create an effective agile environment. Users will gain the knowledge to improve various areas of project management. Define your product's vision and features Learn the steps for putting agile techniques into action Manage the project's scope and procurement Plan your team's sprints and releases Simplify reporting related to the project Agile Project Management For Dummies can help you to better manage the scope of your project as well as its time demands and costs. You'll also be prepared to skillfully handle team dynamics, quality challenges, and risks.

This book constitutes the refereed proceedings of the XP / Agile Universe 2003 Conference held in New Orleans, LA, USA in August 2003. The 17 revised full papers presented together with abstracts or papers from an educator symposium and workshop summaries were carefully reviewed and selected from 35

submissions. The papers are organized in topical sections on becoming agile, agile methods and processes, agile testing, and tool support for agile teams.
A comprehensive guide to architecting, managing, implementing, and controlling multi-cloud environments Key FeaturesDeliver robust multi-cloud environments and improve your business productivityStay in control of the cost, governance, development, security, and continuous improvement of your multi-cloud solutionIntegrate different solutions, principles, and practices into one multi-cloud foundationBook Description Multi-cloud has emerged as one of the top cloud computing trends, with businesses wanting to reduce their reliance on only one vendor. But when organizations shift to multiple cloud services without a clear strategy, they may face certain difficulties, in terms of how to stay in control, how to keep all the different components secure, and how to execute the cross-cloud development of applications. This book combines best practices from different cloud adoption frameworks to help you find solutions to these problems. With step-by-step explanations of essential concepts and practical examples, you'll begin by planning the foundation, creating the architecture, designing the governance model, and implementing tools, processes, and technologies to manage multi-cloud environments. You'll then discover how to design workload environments using different cloud propositions, understand how to optimize the use of these cloud technologies, and automate and monitor the environments. As you advance, you'll delve into multi-cloud governance, defining clear demarcation models and management processes. Finally, you'll learn about managing identities in multi-cloud: who's doing what, why, when, and where By the end of this book, you'll be able to create, implement, and manage multi-cloud architectures with confidence What you will learnGet to grips with the core functions of multiple cloud platformsDeploy, automate, and secure different cloud solutionsDesign network strategy and get to grips with identity and access management for multi-cloudDesign a landing zone spanning multiple cloud platformsUse automation, monitoring, and management tools for multi-cloudUnderstand multi-cloud management with the principles of BaseOps, FinOps, SecOps, and DevOpsDefine multi-cloud security policies and use cloud security toolsTest, integrate, deploy, and release using multi-cloud CI/CD pipelinesWho this book is for This book is for architects and lead engineers involved in architecting multi-cloud environments, with a focus on getting governance right to stay in control of developments in multi-cloud. Basic knowledge of different cloud platforms (Azure, AWS, GCP, VMWare, and OpenStack) and understanding of IT

governance is necessary.
Multi-stakeholder AI development
Strategic Management of Technological Learning
Lean Enterprise Software and Systems
Advances in Practical Applications of Cyber-Physical Multi-Agent Systems: The PAAMS Collection
Proceedings of SOHOMA 2021
Project Management the Agile Way, Second Edition
A Multi-Perspective Leadership Framework

The LESS 2010 conference was the first scientific conference dedicated to advancing the "lean enterprise software and systems" body of knowledge. It fostered interactions by joining the lean product development community with the agile community coupled with innovative ideas nurtured by the beyond budgeting school of thinking. The conference was organized in collaboration with the Lean Software and Systems Consortium (LSSC). The conference is established as a conference series. The idea of the conference was to offer a unique platform for advancing the state of the art in research and practice by bringing the leading researchers and practitioners to the same table. Indeed, LESS 2010 attracted a unique mix of participants including academics, researchers, leading consultants and industry practitioners. The aim of the conference was to use this diverse community to advance research and practical knowledge concerning lean thinking within the field of software business and development. LESS 2010 had more than 60% of its speakers come from the industry and the remaining from academia. LESS is poised to grow as we advance into future iterations of the conference and become the conference for lean thinking in systems and software development. Its growth and credibility will be advanced by the communities and knowledge exchange platform it provides. LESS offers several avenues for knowledge exchange to create a highly collaborative environment. Each year, we aim to bring novelty to a program that fosters collaboration, letting new ideas thrive during and after the conference. This book presents a coherent and well-balanced survey of recent advances in software engineering approaches to the design and analysis of realistic large-scale multi-agent systems (MAS). The chapters included are devoted to various techniques and methods used to cope with the complexity of real-world MAS. The power of agent-based software engineering is illustrated using examples that are representative of successful applications. The 16 thoroughly reviewed and revised full papers are organized in topical sections on agent methodologies and processes, requirements engineering and software architectures, modeling languages, and dependability and

coordination. Most of the papers were initially presented at the 3rd International Workshop on Software Engineering for Large-Scale Multi-agent Systems, SELMAS 2004, held in Edinburgh, UK in May 2004 in association with ICSE 2004. Other papers were invited to complete coverage of all relevant aspects.

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.

This book constitutes the revised and selected papers from the 6th International Workshop on Engineering Multi-Agent Systems held in Stockholm, Sweden, in July 2018, in conjunction with AAMAS 2018. The 17 full papers presented in this volume were carefully reviewed and selected from 32 submissions. The book also contains a state-of-the-art paper that reflects on the role and potential of MAS engineering in a number of key facets. The papers are clustered around the following themes: programming agents and MAS, agent-oriented software engineering, formal analysis techniques, rational agents, modeling and simulation, frameworks and application domains.

Multi-Cloud Architecture and Governance

Large, Multisite, and Offshore Product Development with Large-scale Scrum

Project Management

Making it Work in the Enterprise

Creating Innovative Products

First International Conference, LESS 2010, Helsinki, finland, October 17-20, 2010, Proceedings

A Quick Start to Making Your Business Agile Using Scrum and Beyond

Agile has the power to transform work--but only if it's implemented the right way. For decades business leaders have been painfully aware of a huge chasm: They aspire to create nimble, flexible enterprises. But their day-to-day reality is silos, sluggish processes, and stalled innovation. Today, agile is hailed as the essential bridge across this chasm, with the potential to transform a company and catapult it to the head of the pack. Not so fast. In this clear-eyed, indispensable book, Bain & Company thought leader Darrell Rigby and his colleagues Sarah Elk and Steve Berez provide a much-needed reality check. They dispel the myths and

misconceptions that have accompanied agile's rise to prominence--the idea that it can reshape an organization all at once, for instance, or that it should be used in every function and for all types of work. They illustrate that agile teams can indeed be powerful, making people's jobs more rewarding and turbocharging innovation, but such results are possible only if the method is fully understood and implemented the right way. The key, they argue, is balance. Every organization must optimize and tightly control some of its operations, and at the same time innovate. Agile, done well, enables vigorous innovation without sacrificing the efficiency and reliability essential to traditional operations. The authors break down how agile really works, show what not to do, and explain the crucial importance of scaling agile properly in order to reap its full benefit. They then lay out a road map for leading the transition to a truly agile enterprise. Agile isn't a goal in itself; it's a means to becoming a high-performance operation. Doing Agile Right is a must-have guide for any company trying to make the transition--or trying to sustain high agility.

PMBOK&® Guide is the go-to resource for project management practitioners. The project management profession has significantly evolved due to emerging technology, new approaches and rapid market changes. Reflecting this evolution, The Standard for Project Management enumerates 12 principles of project management and the PMBOK&® Guide &– Seventh Edition is structured around eight project performance domains.This edition is designed to address practitioners' current and future needs and to help them be more proactive, innovative and nimble in enabling desired project outcomes.This edition of the PMBOK&® Guide:•Reflects the full range of development approaches (predictive, adaptive, hybrid, etc.);•Provides an entire section devoted to tailoring the development approach and processes;•Includes an expanded list of models, methods, and artifacts;•Focuses on not just delivering project outputs but also enabling outcomes; and• Integrates with PMIstandards+™ for information and standards application content based on project type, development approach, and industry sector.

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!

"Companies have been implementing large agile projects for a number of years, but the 'stigma' of 'agile only works for small projects' continues to be a frequent barrier for newcomers and a rallying cry for agile critics. What has been missing from the agile literature is a solid, practical book on the specifics of developing large projects in an agile way. Dean Leffingwell's book Scaling Software Agility fills this gap admirably. It offers a practical guide to large project issues such as architecture, requirements development, multi-level release planning, and team organization. Leffingwell's book is a necessary guide for large projects and large organizations making the transition to agile development." —Jim Highsmith, director, Agile Practice, Cutter Consortium, author of Agile Project Management "There's tension between building software fast and delivering software that lasts, between being ultra-responsive to changes in the market and maintaining a degree of stability. In his latest work, Scaling Software Agility, Dean Leffingwell shows how to achieve a pragmatic balance among these forces. Leffingwell's observations of the problem, his advice on the solution, and his description of the resulting best practices come from experience: he's been there, done that, and has seen what's worked." —Grady Booch, IBM Fellow Agile development practices, while still controversial in some circles, offer undeniable benefits: faster time to market, better responsiveness to changing customer requirements, and higher quality. However, agile practices have been defined and recommended primarily to small teams. In Scaling Software Agility, Dean Leffingwell describes how agile methods can be applied to enterprise-class development. Part I provides an overview of the most common and effective agile methods. Part II describes seven best practices of agility that natively scale to the enterprise level. Part III describes an additional set of seven organizational capabilities that companies can master to achieve the full benefits of software agility on an enterprise scale. This book is invaluable to software developers, testers and QA personnel, managers and team leads, as well as to executives of software organizations whose objective is to increase the quality and productivity of the software development process but who are faced with all the challenges of developing software on an enterprise scale.

Doing Agile Right
Coordination Approaches and Multi-Site Planning
Multi-agent Based Integrated Process Planning and Production Scheduling in an Agile Manufacturing Environment
More with LeSS
Agile project management in IT development projects with a focus on team performance
The Agile Pocket Guide
Essential Scrum

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. "This book presents relevant theoretical frameworks and most recent research findings in this area, providing significant theories for research students and scholars to carry out their continuous research as well as practitioners who aim to improve upon their understanding of distributed production planning"-- The Agile Pocket Guide explains how to develop products, services, and software quickly and efficiently, without losing the main components of the framework so effective in streamlining the creating of these products and for making positive change within a company. It includes The basic tennets of the Scrum framework How to apply the processes and steps required to become agile The dynamics of a successful agile environment The very basics of Scrum and how to employ them quickly Practical questions to ask the Team Leader as well as the Team How to build an environment of communication and collaboration for the entire organization 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-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.

A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Seventh Edition and The Standard for Project Management (BRAZILIAN PORTUGUESE)

Proceedings of the 19th ISPE International Conference on Concurrent Engineering

Theoretical Approaches to Multi-Cultural Positive Psychological Interventions

Engineering Multi-Agent Systems

Extreme Programming and Agile Methods – XP/Agile Universe 2003

Your Quick Start Guide with Step-By-Step Instructions

Agility Across Time and Space

At the crossroads of artificial intelligence, manufacturing engineering, operational research and industrial engineering and management, multi-agent based production planning and control is an intelligent and industrially crucial technology with increasing importance. This book provides a complete overview of multi-agent based methods for today's competitive manufacturing environment, including the Job Shop Manufacturing and Re-entrant Manufacturing processes. In addition to the basic control and scheduling systems, the author also highlights advance research in numerical optimization methods and wireless sensor networks and their impact on intelligent production planning and control system operation. Enables students, researchers and engineers to understand the fundamentals and theories of multi-agent based production planning and control Written by an author with more than 20 years' experience in studying and formulating a complete theoretical system in production planning technologies Fully illustrated throughout, the methods for production planning, scheduling and controlling are presented using experiments, numerical simulations and theoretical analysis Comprehensive and concise, Multi-Agent Based Production Planning and Control is aimed at the practicing engineer and graduate student in industrial engineering, operational research, and mechanical engineering. It is also a handy guide for advanced students in artificial intelligence and computer engineering.

Studienarbeit aus dem Jahr 2009 im Fachbereich Informationswissenschaften, Informationsmanagement, Note: 1,0, Hochschule Deggendorf, Sprache: Deutsch, Abstract: Traditional, inflexible management is inefficient in product development projects: Project members feel uncomfortable and the result does not meet customer's expectation. Therefore project management needs a kind of reorientation. The key success factors are the performance of the project team and the understanding of the customers' needs. Therefore the main goal of today's project management is to create the right environment for the project. Agile project management promises to be a solution: It supports team performance and demands short project cycles. Short iteration and continuous feedback of the customers helps to stay on the right way and to adjust

requirements if possible. A popular example of agile project management is SCRUM. This study paper gives an overview about SCRUM itself. It presents roles, ceremonies and artifacts. It shows that SCRUM centers the team and the whole process is build around the team. The rules of SCRUM are simple and can easily be adapted. The focus of this paper is the roles of the process and how SCRUM supports team performance. This is the definitive guide for managers and students to agile and iterativedevelopment methods: what they are, how they work, how to implement them, andwhy they should.

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 10 building blocks for inclusive policy design

Using Agile with Traditional PM Methodologies to Succeed on Modern Projects

Agile Scrum

15th International Conference, PAAMS 2017, Porto, Portugal, June 21-23, 2017, Proceedings

Third XP and Second Agile Universe Conference, New Orleans, LA, USA, August 10-13, 2003, Proceedings

Advanced Multi-Project Management

Unlocking Agile's Missed Potential

Proven techniques for scaling agile and lean development to the very largest organizations and projects • •Helps companies turn software development into a competitive advantage. •In-depth coverage of requirements, contracts, architecture, design, offshore/multisite development, coordination, planning, and more •Complements the authors' Scaling Lean and Agile Development. •By software legend Craig Larman, author of Applying UML and Patterns Until recently, large organizations and offshore software entities have for the most part resisted agile and lean development, but their potential for saving money and delivering better software can no longer be ignored. Renowned software engineer Craig Larman has spent years helping large organizations succeed with agile and lean approaches. Last year, he and colleague Bas Vodde brought together much of what they've learned in the book Practices for Scaling Lean and Agile Development Now, building on that book's insights, they follow up with concrete practices and roadmaps for successfully applying agile/lean methodsto distributed and/or offshore/outsourced development initiatives -

no matter how large or complex. Practices for Scaling Lean and Agile Development systematically addresses the make or-break issues software organizations face in successfully implementing agile/lean methods, including planning, requirements, contracts, architecture, design, testing, legacy code integration, code inspection, coordination of offshore and multisite projects, and much more. Larman and Vodde offer definitive guidance for transforming large-scale development processes into a powerful competitive advantage - and invaluable assistance for every modern IT executive, manager, and developer.

Even in a well-managed multi-project environment, it is not unusual to see half of all projects completed either late, over budget or with cuts to original scope. However, the proven approach presented in Advanced Multi-Project Management has enabled large, medium, and even small organizations to consistently complete their projects faster, within original scope and budget, and increase the number of projects executed with the same resources by as much as 70%. The list of companies that have used this methodology for stunning results includes some of the biggest, well-known names in the world—Boeing, Rio Tinto, ABB, and Chrysler. This guide details the six gears that must work in unison to drive speed and predictability within an organization.

The East Asian Miracle and Information Technology

Software Engineering for Multi-Agent Systems III

Research Issues and Practical Applications

Concurrent Engineering Approaches for Sustainable Product Development in a Multi-Disciplinary Environment

Agile Project Management For Dummies

Extreme Programming and Agile Methods

Service Oriented, Holonic and Multi-agent Manufacturing Systems for Industry of the Future