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Mastering IT Project Management-Murali Chemuturi 2013-07-31 In previous years, setting up IT infrastructure involved just the preparation of the data center. It has become much more complex and evolved today. The infrastructure includes not only the data center facility, but also
the entire organization by providing internet connectivity to customers, vendors, and company executives on the move. Mastering IT Project Management is the first book to detail how to create IT infrastructure rather than simply describe how to manage the IT function or software development. This unique and comprehensive reference covers all aspects needed to successfully manage this type of project in an organization. J. Ross Publishing offers an add-on at a nominal cost — Downloadable, customizable tools and templates ready for immediate implementation.

**The Complete Software Project Manager**
Anna P. Murray 2016-01-25 Your answer to the software project management gap The Complete Software Project Manager: From Planning to Launch and Beyond addresses an interesting problem experienced by today's project managers: they are often leading software projects, but have no background in technology. To close this gap in experience and help you improve your software project management skills, this essential text covers key topics, including: how to understand software development and why it is so difficult, how to plan a project, choose technology platforms, and develop project specifications, how to staff a project, how to develop a budget, test software development progress, and troubleshoot problems, and what to do when it all goes wrong. Real-life examples, hints, and management tools help you apply these new ideas, and lists of red flags, danger signals, and things to avoid at all costs assist in keeping your project on track. Companies have, due to the nature of the competitive environment, been somewhat forced to adopt new technologies. Oftentimes, the professionals leading the development of these technologies do not have any experience in the tech field—and this can cause problems. To improve efficiency and effectiveness, this groundbreaking book offers guidance to professionals who need a crash course in software project management. Review the basics of software project management, and dig into the...
more complicated topics that guide you in developing an effective management approach. Avoid common pitfalls by perusing red flags, danger signals, and things to avoid at all costs. Leverage practical roadmaps, charts, and step-by-step processes. Explore real-world examples to see effective software project management in action. The Complete Software Project Manager: From Planning to Launch and Beyond is a fundamental resource for professionals who are leading software projects but do not have a background in technology.

**Making Things Happen** - Scott Berkun 2008-05
Offers a collection of essays on philosophies and strategies for defining, leading, and managing projects. This book explains to technical and non-technical readers alike what it takes to get through a large software or web development project. It does not cite specific methods, but focuses on philosophy and strategy.

**Mastering Software Quality Assurance** - Murali Chemuturi 2010-09-15
This comprehensive reference on software development quality assurance addresses all four dimensions of quality: specifications, design, construction and conformance. It focuses on quality from both the micro and macro view. From a micro view, it details the aspect of building-in quality at the component level to help ensure that the overall deliverable has ingrained quality. From a macro view, it addresses the organizational level activities that provide an environment conducive to fostering quality in the deliverables as well as developing a culture focused on quality in the organization. Mastering Software Quality Assurance also explores a process driven approach to quality, and provides the information and guidance needed for implementing a process quality model in your organization. It includes best practices and valuable tools and techniques for software developers.

Key Features
- Provides a comprehensive, inclusive view of software quality
- Tackles the four dimensions of quality as applicable to software development
organizations • Offers unique insights into achieving quality at the component level • Deals comprehensively with all aspects of measuring software quality • Explores process quality from the standpoint of implementation rather than from the appraiser/assessor point of view • Delivers a bird's eye view of the ISO and CMMI models, and describes necessary steps for attaining conformance to those models

The Project Manager - Richard Newton
2012-09-07 Processes don't drive projects; people do. Successful project management is ultimately about effective communication, and more broadly, effective people management. Most books, however, deal largely with process - the mechanical, methodological side, and play down the human side. The Project Manager is a fresh approach to project management: it moves beyond the formal methodologies and techniques to shed light on the core skills that will make you a great project manager. It puts the project manager centre stage and provides you with an invaluable set of experience-based lessons, tips, and advice to help you consistently deliver the results you want. Whether you are a project manager yourself, or someone who works with or recruits project managers, this book will be essential reading. DISCOVER WHAT YOU NEED TO KNOW AND DO TO BE A GREAT PROJECT MANAGER

Better Software Project Management - Marsha D. Lewin 2001-11-28 A complete guide to piloting a software project to success-on time and within budget. This book provides novice software project managers, software developers, and anyone delivering reusable software with strategies for mastering the basics of directing a software project. Well-known management consultant Marsha Lewin uses a "been there, done that" approach designed to solve on-the-job problems quickly and efficiently. Learn how to get a project in motion immediately in the first chapter's "quick start" tutorial. This comprehensive overview outlines the ins and
outs of software project management, including the expectations for a project manager, defining the project, satisfying critical needs, and leading and monitoring your team. These aspects of managing small- to medium-sized project types are detailed in the same lively, colloquial style that demystifies the complexities of the discipline. The author equips you with the tools to concurrently satisfy the triple constraints of schedule, budget, and quality within the context of risk management, and highlights potential pitfalls and their solutions to assure repeated success. To help you get under way and stay ahead, supplemental, ready-to-use forms, formats, and checklists are included, along with information on: ? Use of resources, including people and budget, the quality of software developed, and the costs and risks ? Political and technical issues affecting project success ? Risk management methodology ? Shaping yourself as a leader ? Software development methodologies, from traditional life cycle to prototyping, and how they relate to software project management ? Testing and its role in project management

Dozens of real-world examples and diagrams, together with a comprehensive bibliography and glossary, render Better Software Project Management a crucial resource for anyone responsible for keeping software projects within budget and on schedule.

Mastering Project Portfolio Management - Michael J. Bible 2011-09-15 This unique text provides a holistic systems approach to project portfolio management which includes people, processes, tools, and techniques that work synergistically to produce portfolio decisions with the best chance of success. Accompanied by decision support software and advanced decision making techniques, it guides readers step-by-step through the entire project portfolio management process. This professional guide is also ideal for executive continuing education programs, and as a primary text for graduate level academic courses.
Visualizing Project Management - Kevin Forsberg 2005-11-11
THE PROJECT MANAGEMENT CLASSIC-REVISED AND EXPANDED
Now Includes Downloadable Forms and Worksheets
Projects are becoming the heart of business. This comprehensive revision of the bestselling guide to project management explains the processes, practices, and management techniques you need to implement a successful project culture within your team and enterprise. Visualizing Project Management simplifies the challenge of managing complex projects with powerful, visual models that have been adopted by more than 100 leading government and private organizations. In this new Third Edition, the authors-leading thinkers and practitioners in the field-keep you on the cutting edge with a sophisticated approach that integrates project management, systems engineering, and process improvement. This advanced content can help take your career and your organization well beyond the fundamentals. New, downloadable forms, templates, and worksheets make it easy to implement powerful project techniques and tools.

Includes references to the Project Management Institute Body of Knowledge and the INCOSE Handbook to help you pass: The Project Management Professional Certification Exam The INCOSE Systems Engineer Certification Exam (CSEP) "I recommend this book to all those who aspire to project management [and] those who must supervise it." —Norman R. Augustine, former chairman and CEO Lockheed Martin Corporation "The importance of this excellent book, able to encompass these two key disciplines [systems engineering and project management], cannot be overemphasized." —Heinz Stoewer, President, INCOSE

Mastering Project Management - James P. Lewis 1998-03-22
Tens of thousands of readers rely on James Lewis's classic Project Planning, Scheduling & Control for hands-on help in bringing projects in on time and on budget. Now, this higher-level guide takes project managers beyond basic skills. Using the flexible and down-to-earth approach for which Lewis is famed, it
covers advanced topics such as identifying customer requirements using QFD (quality function deployment); allocating resources for improved scheduling applying systems thinking; and using decision-support tools in project management.

**Mastering Project Time Management, Cost Control, and Quality Management** - Randal Wilson 2015-04-23 Mastering Project Time Management, Cost Control, and Quality Management gives managers powerful insights and tools for addressing the "Triple Constraints" that define virtually every project: time, cost, and quality. This book is part of a new series of seven cutting-edge project management guides for both working practitioners and students. Like all books in this series, it offers deep practical insight into the successful design, management, and control of complex modern projects. Using real case studies and proven applications, expert authors show how multiple functions and disciplines can and must be integrated to achieve a successful outcome. Individually, these books focus on realistic, actionable solutions, not theory. Together, they provide comprehensive guidance for working project managers at all levels, including highly-complex enterprise environments. These books also provide indispensable knowledge for anyone pursuing PMI/PMBOK or PRINCE2 certification, or other accreditation in the field.

**Mastering Software Project Requirements** - Barbara Davis 2013-09-15 This book is a concise step-by-step guide to building and establishing the frameworks and models for the effective management and development of software requirements. It describes what great requirements must look like and who the real audience is for documentation. It then explains how to generate consistent, complete, and accurate requirements in exacting detail following a simple formula across the full life cycle from vague concept to detailed design-ready specifications. Mastering Software Project
Requirements will enable business analysts and project managers to decompose high-level solutions into granular requirements and to elevate their performance through due diligence and the use of better techniques to meet the particular needs of a given project without sacrificing quality, scope, or project schedules. J. Ross Publishing offers an add-on at a nominal cost — Downloadable, customizable tools and templates ready for immediate implementation.

**Mastering the Leadership Role in Project Management** - Alexander Laufer 2012-04-23

In this book, project management expert Dr. Alexander Laufer leads an all-star team of practitioners and thought leaders in presenting a powerful project leadership framework. Laufer’s framework addresses the toughest challenges of new product development: large, complex projects composed of many diverse, geographically distributed, and highly interdependent components; organizational change; and repeated and risky tasks. Laufer reveals core leadership principles that are crucial to successful project leadership in dynamic and complex environments, regardless of industry, project goals, or stakeholders. Then, together with his contributors, he presents eight chapter-length case studies covering exceptionally challenging projects in a wide spectrum of industries and products – from developing missiles to reorganizing companies, building spacecraft and dairy plants to flying solar-powered airplanes. Readers will discover new ways to unleash the power of autonomy and learning; adapt to change on a timely basis; “give up” control without “losing” control; use face-to-face interaction to maximize alignment; manage “no fun” missions in hostile environments; deliver on bold ideas through sheer preparation; learn from practice – and unlearn lessons that need to be unlearned. Mastering the Leadership Role in Project Management will be invaluable to executives, project leaders, and aspiring project leaders in all organizations – regardless of their project goals, backgrounds, or experience.
**Project Management** - Richard Murch 2001

This book focuses on problem-solving from managerial, consumer, and societal perspectives. It emphasizes both the business managerial aspects of risk management and insurance and the numerous consumer applications of the concept of risk management and insurance transaction. The tenth edition has been reorganized and fully updated to highlight the increased importance of risk management and insurance in business and society. In particular, the tenth edition refocuses its attention on corporate risk management, reflecting its growing importance in today's economy.


Streamline project workflow with expert agile implementation. The Project Management Profession is beginning to go through rapid and profound transformation due to the widespread adoption of agile methodologies. Those changes are likely to dramatically change the role of project managers in many environments as we have known them and raise the bar for the entire project management profession; however, we are in the early stages of that transformation and there is a lot of confusion about the impact it has on project managers: There are many stereotypes and misconceptions that exist about both Agile and traditional plan-driven project management, Agile and traditional project management principles and practices are treated as separate and independent domains of knowledge with little or no integration between the two and sometimes seen as in conflict with each other. Agile and "Waterfall" are thought of as two binary, mutually-exclusive choices and companies sometimes try to force-fit their business and projects to one of those extremes when the right solution is to fit the approach to the project. It's no wonder that many Project Managers might be confused by all of this! This book will help project managers unravel a lot of the confusion that exists; develop a totally new perspective to see Agile and traditional plan-
driven project management principles and practices in a new light as complementary to each other rather than competitive; and learn to develop an adaptive approach to blend those principles and practices together in the right proportions to fit any situation. There are many books on Agile and many books on traditional project management but what’s very unique about this book is that it takes an objective approach to help you understand the strengths and weaknesses of both of those areas to see how they can work synergistically to improve project outcomes in any project. The book includes discussion topics, real-world case studies, and sample enterprise-level agile frameworks that facilitate hands-on learning as well as an in-depth discussion of the principles behind both Agile and traditional plan-driven project management practices to provide a more thorough level of understanding.

**Mastering Principles and Practices in PMBOK, PRINCE2, and Scrum** - Jihane Roudias

2015 PMBOK®, PRINCE2®, and Scrum are today's three most widely recognized project management standards. The most successful project managers know how to draw on all three, and often combine them to deliver their projects more effectively and efficiently. In Mastering Principles and Practices in PMBOK, Prince2, and Scrum, Jihane Roudias shows project managers how these methods complement each other, how to integrate them, and how to troubleshoot projects involving any or all of them. Roudias illuminates core project concepts, processes, and areas of knowledge in each methodology, guides you in synthesizing them, and reviews the types of difficulties you may encounter in each project process. Drawing on extensive personal experience, Roudias also emphasizes the importance of project risk management, monitoring, and evaluation systems - and demonstrates how to use them to make timely and informed decisions at every stage of your project. For every project management practitioner and student pursuing PMBOK/PMI, PRINCE2, and/or Scrum certification, or seeking
to use these methodologies together to achieve better project performance.

Software Project Survival Guide-Steve McConnell 1998 Looks at a successful software project and provides details for software development for clients using object-oriented design and programming.

Mastering Project Human Resource Management-Harjit Singh 2014-12-12 Learn powerful communications and stakeholder management techniques that dramatically improve your ability to deliver projects successfully! Unlike other project guides, which address these issues only in passing, Mastering Project Human Resource Management offers practical, real-world guidance, in-the-trenches insights, and proven applications. You’ll learn how to: Identify stakeholders and initiate communications Plan for effective HR, communications, and stakeholder management Build, develop, and manage project teams capable of powerfully effective communication and stakeholder engagement Monitor, control, and optimize the effectiveness of your communication and engagement This book is part of a new series of six cutting-edge project management guides for both working practitioners and students. Like all books in this series, it offers deep practical insight into the successful design, management, and control of complex modern projects. Using real case studies and proven applications, expert authors show how multiple functions and disciplines can and must be integrated to achieve a successful outcome. Individually, these books focus on realistic, actionable solutions, not theory. Together, they provide comprehensive guidance for working project managers at all levels, as well as indispensable knowledge for anyone pursuing PMI/PMBOK certification or other accreditation in the field.

Leading Complex Projects-Edward W. Merrow
Quantitative analysis of outcomes vs PMs at the individual level Leading Complex Projects takes a unique approach to post-mortem analysis to provide project managers with invaluable insight. For the first time, individual PM characteristics are quantitatively linked to project outcomes through a major study investigating the role of project leadership in the success and failure of complex industrial projects; hard data on the backgrounds, education, and personality characteristics of over 100 directors of complex projects is analyzed against the backdrop of project performance to provide insight into controllable determinants of outcomes. By placing these analyses alongside their own data, PMs will gain greater insight into areas of weakness and strength, locate recurring obstacles, and identify project components in need of greater planning, oversight, or control. The role of leadership is to deliver results; in project management, this means taking responsibility for project outcomes. PMs are driven by continuous improvement, and this book provides a wealth of insight to help you achieve the next step forward. Understand why small, simple projects consistently outperform larger, more complex projects Delve into the project manager’s role in generating successful outcomes Examine the data from over 100 PMs of complex industrial projects Link PM characteristics to project outcome to find areas for improvement Complex industrial projects from around the world provide a solid basis for quantitative analysis of outcomes—and the PMs who drive them. Although the majority of the data is taken from projects in the petroleum industry, the insights gleaned from analysis are widely applicable across industry lines for PMs who lead complex projects of any stripe. Leading Complex Projects provides clear, data-backed improvement guidance for anyone in a project management role.

Brilliant Project Management ePub eBook
Stephen Barker 2014-08-01 Whether you are organising an important event or heading up a large team, running a project can be a daunting
process. Spiralling costs and missed deadlines are part of everyday life for many project managers - in fact, more projects fail than succeed! But project management doesn't have to be this way. It is possible to manage projects that consistently meet deadlines and come in within budget. Brilliant Project Management shows you how. Drawing on over 30 years of experience, you’ll discover how to ensure your projects succeed every time. In this new edition Barker & Cole have included a section highlighting valuable sources of information in the challenging world of project management, including their inside track on methods, training and professional associations. It’s the ultimate guide to becoming a brilliant project manager. Brilliant Outcomes Make a success of any project. Deliver on your promises. Save money, time and your sanity!

**Mastering the Requirements Process**
Suzanne Robertson 2012 "Mastering the Requirements Process: Getting Requirements Right" sets out an industry-proven process for gathering and verifying requirements, regardless of whether you work in a traditional or agile development environment. In this sweeping update of the bestselling guide, the authors show how to discover precisely what the customer wants and needs, in the most efficient manner possible.

**Applied Software Project Management**
Andrew Stellman 2005-11-18 "If you're looking for solid, easy-to-follow advice on estimation, requirements gathering, managing change, and more, you can stop now: this is the book for you."--Scott Berkun, Author of The Art of Project Management What makes software projects succeed? It takes more than a good idea and a team of talented programmers. A project manager needs to know how to guide the team through the entire software project. There are common pitfalls that plague all software projects and rookie mistakes that are made repeatedly--sometimes by the same people! Avoiding these
pitfalls is not hard, but it is not necessarily intuitive. Luckily, there are tried and true techniques that can help any project manager. In Applied Software Project Management, Andrew Stellman and Jennifer Greene provide you with tools, techniques, and practices that you can use on your own projects right away. This book supplies you with the information you need to diagnose your team’s situation and presents practical advice to help you achieve your goal of building better software. Topics include:

- Planning a software project
- Helping a team estimate its workload
- Building a schedule
- Gathering software requirements and creating use cases
- Improving programming with refactoring, unit testing, and version control
- Managing an outsourced project
- Testing software

Jennifer Greene and Andrew Stellman have been building software together since 1998. Andrew comes from a programming background and has managed teams of requirements analysts, designers, and developers. Jennifer has a testing background and has managed teams of architects, developers, and testers. She has led multiple large-scale outsourced projects. Between the two of them, they have managed every aspect of software development. They have worked in a wide range of industries, including finance, telecommunications, media, nonprofit, entertainment, natural-language processing, science, and academia. For more information about them and this book, visit stellman-greene.com

**Mastering Software Project Management**
Murali Chemuturi 2010

**Strategic Project Management Made Simple**
Terry Schmidt 2009-03-16 When Fortune Magazine estimated that 70% of all strategies fail, it also noted that most 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
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 4x4 matrix. The inclusion of memorable features and concepts (four critical questions, LogFrame matrix, If-then thinking, and Implementation Equation) make this book unique.

Project Management of Large Software-Intensive Systems

The book describes how to manage and successfully deliver large, complex, and expensive systems that can be composed of millions of line of software code, being developed by numerous groups throughout the globe, that interface with many hardware items being developed by geographically dispersed companies, where the system also includes people, policies, constraints, regulations, and a
myriad of other factors. It focuses on how to seamlessly integrate systems, satisfy the customer’s requirements, and deliver within the budget and on time. The guide is essentially a “shopping list” of all the activities that could be conducted with tailoring guidelines to meet the needs of each project.

**Determining Project Requirements**-Hans Jonasson 2016-04-19 Good requirements do not come from a tool, or from a customer interview. They come from a repeatable set of processes that take a project from the early idea stage through to the creation of an agreed-upon project and product scope between the customer and the developer. From enterprise analysis and planning requirements gathering to documentation,

**Mastering ENVY/Developer**-Joseph Pelrine 2001-03-19 An in-depth exploration of ENVY/Developer, IBM’s team programming environment for Smalltalk and Java.

**Mastering Project Management**-Cathy Lake 1999 This volume enables managers to review, extend and sharpen their project management skills, promoting individual development, personal and organizational effectiveness. Practical features include key questions, action checklists, activities and guides to best practice.

**Project Management for Non-Project Managers**-Jack Ferraro 2012 A seasoned project management consultant introduces critical project management skills, tools and techniques. Includes case studies, checklists and exercises.

**Mastering Visual Studio .NET**-Ian Griffiths 2003 A detailed handbook for experienced developers explains how to get the most out of Microsoft’s Visual Studio .NET, offering helpful guidelines on how to use its integrated development environment, start-up templates, and
other features and tools to create a variety of applications, including Web services. Original. (Advanced)

**Mastering Global Business Development and Sales Management** - Thomas A. Cook 2020-09-04
Mastering Global Business Development and Sales Management focuses on the importance of companies and executives recognizing that their organization is sales driven, and that there is a definite pronounced connection between sales and all other aspects of how a company operates. It details the sales manager's role in developing sales personnel, delivering new business to the organization, and otherwise becoming a driving force for the overall prosperity of the company. This book differentiates itself by providing the essence of international sales management. Shows how to develop a marketing and sales strategy for globalization Details regional versus country-specific profiles Explains what all sales personnel need to know about export trade compliance, logistics, and supply chain operations Provides sales and negotiation skill sets

**Software Design** - Murali Chemuturi 2018-04-09
This book is perhaps the first attempt to give full treatment to the topic of Software Design. It will facilitate the academia as well as the industry. This book covers all the topics of software design including the ancillary ones.

**Fundamentals of Project Management** - James P. Lewis 2002
Updated concepts and tools to set up project plans, schedule work, monitor progress-and consistently achieve desired project results. In today's time-based and cost-conscious global business environment, tight project deadlines and stringent expectations are the norm. This classic book provides businesspeople with an excellent introduction to project management, supplying sound, basic information (along with updated tools and techniques) to understand and master the complexities and
nuances of project management. Clear and down-to-earth, this step-by-step guide explains how to effectively spearhead every stage of a project—from developing the goals and objectives to managing the project team—and make project management work in any company. This updated second edition includes: * New material on the Project Management Body of Knowledge (PMBOK) * Do's and don'ts of implementing scheduling software* Coverage of the PMP certification offered by the Project Management Institute* Updated information on developing problem statements and mission statements* Techniques for implementing today's project management technologies in any organization—in any industry.

**Mastering Software Testing with JUnit 5**-Boni Garcia 2017-10-27 A comprehensive, hands-on guide on unit testing framework for Java programming language About This Book In-depth coverage of Jupiter, the new programming and extension model provided by JUnit 5 Integration of JUnit 5 with other frameworks such as Mockito, Spring, Selenium, Cucumber, and Docker Best practices for writing meaningful Jupiter test cases Who This Book Is For This book is for Java software engineers and testers. If you are a Java developer who is keen on improving the quality of your code and building world class applications then this book is for you. Prior experience of the concepts of automated testing will be helpful. What You Will Learn The importance of software testing and its impact on software quality The options available for testing Java applications The architecture, features and extension model of JUnit 5 Writing test cases using the Jupiter programming model How to use the latest and advanced features of JUnit 5 Integrating JUnit 5 with existing third-party frameworks Best practices for writing meaningful JUnit 5 test cases Managing software testing activities in a living software project In Detail When building an application it is of utmost importance to have clean code, a productive environment and efficient systems in place. Having automated unit testing in place...
helps developers to achieve these goals. The JUnit testing framework is a popular choice among Java developers and has recently released a major version update with JUnit 5. This book shows you how to make use of the power of JUnit 5 to write better software. The book begins with an introduction to software quality and software testing. After that, you will see an in-depth analysis of all the features of Jupiter, the new programming and extension model provided by JUnit 5. You will learn how to integrate JUnit 5 with other frameworks such as Mockito, Spring, Selenium, Cucumber, and Docker. After the technical features of JUnit 5, the final part of this book will train you for the daily work of a software tester. You will learn best practices for writing meaningful tests. Finally, you will learn how software testing fits into the overall software development process, and sits alongside continuous integration, defect tracking, and test reporting. Style and approach The book offers definitive and comprehensive coverage of all the Unit testing concepts with JUnit and its features using several real world examples so that readers can put their learning to practice almost immediately. This book is structured in three parts: Software testing foundations (software quality and Java testing) JUnit 5 in depth (programming and extension model of JUnit 5) Software testing in practice (how to write and manage JUnit 5 tests)

**Computer Programming for Beginners**
Murali Chemuturi 2018-09-03 This book aims to capture the fundamentals of computer programming without tying the topic to any specific programming language. To the best of the authors’ knowledge there is no such book in the market.

**Software Estimation Best Practices, Tools & Techniques**
Murali Chemuturi 2009-07-15 Almost every software project begins with the utterances, “What will this cost?” and “When will this project be done?” Once those words are spoken, project stakeholders begin to wrestle
with how to produce an estimate. Accurately estimating the cost or time to complete a software project is a serious problem for many software engineers, developers and project managers who struggle with costs running double original estimates, putting their careers at risk. It is reported that nearly 50% of all software projects are shelved and that one of the major causes is poor estimation practices. If developing software for internal use, poor estimates can represent a significant drain on corporate profits. Worldwide growth in the number of companies specializing in the development of software for use by other companies is staggering. India alone has nearly 20,000 such companies. Intense competition has led to an increased demand for fixed-bid pricing in client/vendor relationships, and has made effective cost estimation even more important and, in many cases, critical to a firm's survival. There are many methods of estimation. Each method has its strengths and weaknesses, proponents and opponents. Knowing how and which one to use on a given project is key to developing acceptable estimates for either internal or external projects. Software Estimation Best Practices, Tools, & Techniques covers all facets of software estimation. It provides a detailed explanation of the various methods for estimating software size, development effort, cost, and schedule, including a comprehensive explanation of Test Effort Estimation. Emphasizing that software estimation should be based on a well-defined process, it presents software estimation best practices and shows how to avoid common pitfalls. This guide offers direction on which methods are most appropriate for each of the different project types commonly executed in the software development space and criteria for selecting software estimation tools. This comprehensive desk reference explains software estimation from scratch to help the beginner and features advanced techniques for more experienced estimators. It details project scheduling, including resource leveling and the concept of productivity, as applicable to software estimators, demonstrating the many benefits of moving from the current macro-productivity
approach to a micro-productivity approach in software estimation. Software Estimation Best Practices, Tools, & Techniques: A Complete Guide for Software Project Estimators caters to the needs of all software project stakeholders, from novice to expert. It provides the valuable guidance needed to estimate the cost and time required to complete software projects within a reasonable margin of error for effective software development.

**Software Configuration Management Patterns**-Steve Berczuk 2020-03-02

**Mastering Collaboration**-Gretchen Anderson 2019-03-04 Collaboration is key for organizations in the 21st century, yet few business people have been trained to teach this skill. How do you advance ideas in a collaborative way and then communicate them throughout your company? In this practical book, author Gretchen Anderson shows you how to generate ideas with others while gaining buy-in from all levels of your organization. Product managers, designers, marketers, technical leaders, and executives will obtain better insight into how team members work together to make decisions. Through tangible exercises and techniques, you’ll learn how to turn promising ideas into products, services, and solutions that make a real difference in the market. Use a framework to develop ideas into hypotheses to be tested and refined Avoid common pitfalls in the collaboration process Align communication approaches to ensure that collaboration is effective and inclusive Structure events or meetings for different types of collaboration depending on the people involved Practice giving and receiving critiques to foster inclusion without resorting to consensus-based decisions

**The Lazy Project Manager**-Peter Taylor 2015-10-26 The Lazy Project Manager shows how adopting a more focused approach to life, projects and work can make us twice as
productive. By concentrating project management to exercise effort where it really matters we will work smarter. The simple techniques of lazy project management can help us to work more effectively and improve our work–life balance.

**Requirements Engineering and Management for Software Development Projects**-Murali Chemuturi 2012-09-26 Requirements Engineering and Management for Software Development Projects presents a complete guide on requirements for software development including engineering, computer science and management activities. It is the first book to cover all aspects of requirements management in software development projects. This book introduces the understanding of the requirements, elicitation and gathering, requirements analysis, verification and validation of the requirements, establishment of requirements, different methodologies in brief, requirements traceability and change management among other topics. The best practices, pitfalls, and metrics used for efficient software requirements management are also covered. Intended for the professional market, including software engineers, programmers, designers and researchers, this book is also suitable for advanced-level students in computer science or engineering courses as a textbook or reference.