

## Mcgraw Hill Software Project Management 5th Edition Bob Hughes Mike Cotterell Book

eBook: Software Project Management, 5e

Using a unique question-and-answer format coupled with pragmatic advice, readers will find solutions to more than 450 commonly-used questions and problems covering technology transitions, the software development lifecycle, methods for estimating project costs and effort, risk analysis, project scheduling, quality assurance, software configuration management, and recent technological breakthroughs.

Software Project Management

Software Project Management

Software Engineering and Computer Systems, Part II

A Guide for Software Project Managers

Software Project Management 5e

Introduction to Software Project Management and Quality Assurance

***This book provides the software engineering fundamentals, principles and skills needed to develop and maintain high quality software products. It covers requirements specification, design, implementation, testing and management of software projects. It is aligned with the SWEBOOK, Software Engineering Undergraduate Curriculum Guidelines and ACM Joint Task Force Curricula on Computing.***

***Why another book on software project management? For some time, the fields of project management, computer science, and software development have been growing rapidly and concurrently. Effective support for the enterprise demands the merging of these efforts into a coordinated discipline, one that incorporates best practices from both systems development and project management life cycles. Robert K. Wysocki creates that discipline in this book—a ready reference for professionals and consultants as well as a textbook for students of computer information systems and project management. By their very nature, software projects defy a "one size fits all" approach. In these pages you will learn to apply best-practice principles while maintaining the flexibility that's essential for successful software development. Learn how to make the planning process fit the need*** \* Understand how and why software development must be planned on a certainty-to-uncertainty continuum \* Categorize your projects on a four-quadrant model \* Learn when to use each of the five SDPM strategies--Linear, Incremental, Iterative, Adaptive, and Extreme \* Explore the benefits of each strategic model and what types of projects it supports best \* Recognize the activities that go into the Scoping, Planning, Launching, Monitoring/Controlling, and Closing phases of each strategy \* Apply this knowledge to the specific projects you manage \* Get a clear picture of where you are and how to get where you want to go

***Taking a unique approach, this practical introduction gives readers the full flavor of software project management and detailed coverage of the entire development process, not just the lists of management tasks other books provide. This approach leads the reader through various stages of the development process in a pragmatic and readable way, with a diversity of topics explained.***

***4th IFIP WG 8.1 Working Conference on Method Engineering, ME 2011, Paris, France, April 20-22, 2011, Proceedings***

***A Manager's Guide to Software Engineering***

***Project Management***

***Life-Cycle Methods for Developing Scalable and Reliable Tools***

***Winning with CASE***

Few software projects are completed on time, on budget, and to their original specifications. Focusing on what practitioners need to know about risk in the pursuit of delivering software projects, Applied Software Risk Management: A Guide for Software

Project Managers covers key components of the risk management process and the software development process, as well as best practices for software risk identification, risk planning, and risk analysis. Written in a clear and concise manner, this resource presents concepts and practical insight into managing risk. It first covers risk-driven project management, risk management processes, risk attributes, risk identification, and risk analysis. The book continues by examining responses to risk, the tracking and modeling of risks, intelligence gathering, and integrated risk management. It concludes with details on drafting and implementing procedures. A diary of a risk manager provides insight in implementing risk management processes. Bringing together concepts across software engineering with a project management perspective, Applied Software Risk Management: A Guide for Software Project Managers presents a rigorous, scientific method for identifying, analyzing, and resolving risk.

Until now, books available for information systems project management focused either on information technology or production and operations. Information Systems Project Management reflects new thinking about the need for balance between technology topics and production-operations issues needed to manage successful IS projects.

A comprehensive reference presenting the critical concepts and theories all project managers must master, The AMA Handbook of Project Management compiles essays and advice from the field's top professionals. Compatible with the most recent edition

of the Project Management Body of Knowledge® and featuring new data on the Project Management Office, the completely revised third edition shows readers how to:

- Establish project goals
- Implement planning on both the strategic and operational levels
- Manage the project life cycle and meet objectives
- Budget the project
- Handle the transition from project idea to project reality
- Manage political and resource issues

Packed with research-based information and advice from experienced practitioners—as well as new information on agile project management, Six Sigma projects, the use of social media, and the alignment of strategy and projects—this guide is a vital resource for everyone involved in project tasks.

A Practitioner's Approach

eBook: Software Project Management, 5e

FUNDAMENTALS OF SOFTWARE ENGINEERING, FIFTH EDITION

Applied Software Risk Management

Readings and Cases

Software development has been a troubling since it first started. There are seven chronic problems that have plagued it from the beginning: Incomplete and ambiguous user requirements that grow by >2% per month. Major cost and schedule overruns for late planned. Low defect removal efficiency (DRE) Cancelled projects that are not completed: > 30% above 10,000 function points. Poor quality and low reliability after the software is delivered: > 5 bugs per FP. Breach of contract litigation against software out and enhancement costs after delivery. These are endemic problems for software executives, software engineers and software customers but they are not insurmountable. In Software Development Patterns and Antipatterns, software engineering and metric solutions for all seven. The solutions involve moving from harmful patterns of software development to effective patterns of software development. The first section of the book examines common software development problems that have been observed in The data on the problems comes from consulting studies, breach of contract lawsuits, and the literature on major software failures. This section considers the factors involved with cost overruns, schedule delays, canceled projects, poor quality, and expensive second section shows patterns that lead to software success. The data comes from actual companies. The section's first chapter on Corporate Software Risk Reduction in a Fortune 500 company was based on a major telecom company whose CEO was troubled other chapters in this section deal with methods of achieving excellence, as well as measures that can prove excellence to C-level executives, and with continuing excellence through the maintenance cycle as well as for software development.

Software Project Management 5e

On behalf of the PROFES Organizing Committee we are proud to present the proce- th ings of the 11 International Conference on Product-Focused Software Process Improvement (PROFES 2010), held in Limerick, Ireland. Since the first conference in 1999 t place in the software engineering community as a respected conference that brings together participants from academia and industry. The roots of PROFES are in professional software process improvement motivated by product and service quality needs. solutions found in practice as well as relevant research results from academia. To ensure that PROFES retains its high quality and focus on the most relevant research issues, the conference has actively maintained close collaboration with industry and subs

research areas of collaborative and agile software devel- ment. The main themes of this year's conference were "Agile and Lean Processes" and "Engineering Service-Oriented Systems. " These two main themes enabled us to cover the contemporary software comprehensive manner and to tackle the most important current challenges identified by the software industry and software research com- nity—namely, the shift of focus from "products" to "services. " The technical program featured invited talks, research most relevant topics related to processes for developing software-intensive services and products. In addition, a number of workshops and tutorials were hosted.

Product-Focused Software Process Improvement

SOFTWARE PROJECT MANAGEMENT

Approachs to Software Project Management

Project Management of Large Software-Intensive Systems

11th International Conference, PROFES 2010, Limerick, Ireland, June 21-23, 2010, Proceedings

From its first appearance in 1995, this book has been consistently well received by tutors and students alike. Now with a revised and updated 3rd edition the authors have updated the original text to better reflect the latest developments in Software Project Management.

This book constitutes the refereed proceedings of the 4th IFIP WG 8.1 Working Conference on Method Engineering, ME 2011, held in Paris, France, in April 2011. The 13 revised full papers and 6 short papers presented together with the abstracts of two keynote talks were carefully reviewed and selected from 30 submissions. The papers are organized in topical sections on situated method engineering, method engineering foundations, customized methods, tools for method engineering, new trends to build methods, and method engineering services.

Information technology (IT) projects are unsuccessful at a rate of 65% to 75% annually, in spite of those undertaking these projects employing the latest technologies and spending significant amount of time and money on training and educating employees. Although, many researches have been conducted on project successes in American companies, there is a lack of research analyzing the impact of various factors on software project success in offshore IT companies. The purpose of the quantitative study undertaken for the purpose of this book is to enhance the understanding the impact of various factors on software project success in offshore IT companies.

A CONCISE STUDY

Integrated IT Project Management

Engineering Methods in the Service-Oriented Context

Software Development Patterns and Antipatterns

Quality Software Project Management

***This Three-Volume-Set constitutes the refereed proceedings of the Second International Conference on Software Engineering and Computer Systems, ICSECS 2011, held in Kuantan, Malaysia, in June 2011. The 190 revised full papers presented together with invited papers in the three volumes were carefully reviewed and selected from numerous submissions. The papers are organized in topical sections on software engineering; network; bioinformatics and e-health; biometrics technologies; Web engineering; neural network; parallel and distributed e-learning; ontology; image processing; information and data management; engineering; software security; graphics and multimedia; databases; algorithms; signal processing; software design/testing; e- technology; ad hoc networks; social networks; software process modeling; miscellaneous topics in software engineering and computer systems.***

***Although software development is one of the most complex activities carried out by man, sound development processes and proper project management can help ensure your software projects are delivered on time and under budget. Providing the know-how to manage software projects effectively, Introduction to Software Project Management supplies an acces***

***Annotation "Integrated IT Project Management: A Model-Centric Approach utilizes practical applications of real-world policies, roles and responsibilities, templates, process flows, and checklists for each of these three component processes. It shows how such processes ensure optimum utilization of people, process, and technology resources during the management and delivery of IT projects. The book provides insight into the key components of the Rational Unified Process from IBM Rational Corporation and the Project Management Body of knowledge PMBOK from the Project Management Institute (PMI) illustrating how they work together and align based on industry processing standards."--BOOK JACKET.Title Summary field provided by Blackwell North America, Inc. All Rights Reserved***

Information Systems Project Management

McGraw-Hill Education PMP Project Management Professional Exam

Software Project Management for Distributed Computing

The AMA Handbook of Project Management

Second International Conference ICSECS 2011, Kuantan, Pahang, Malaysia, June 27-29, 2011, Proceedings

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.

The practical e-guide that gives you the skills to succeed as a project manager. Discover how to improve your project management skills by defining a project brief, identifying stakeholders, and building a strong team. You'll also learn useful tips for initiating projects, setting deadlines, and managing your budgets. Essential Managers gives you a practical "how-to" approach with step-by-step instructions, tips, checklists, and "ask yourself" features showing you how to focus your energy, manage change, and make an impact. DK's Essential Managers series contains the knowledge you need to be a more effective manager and hone your management style. Whether you're new to project management or simply looking to sharpen your existing skills, this is the e-guide for you.

This reader-friendly series is a must read for all levels of managers All managers, whether brand-new to their positions or well established in the corporate hierarchy, can use a little brushing-up now and then. The skills-based Briefcase Books Series is filled with ideas and strategies to help managers become more capable, efficient, effective, and valuable to their corporations. Project Management reviews the steps in organizing and managing projects, from how to build a realistic schedule to how to measure both success and failure. A concise and accessible, yet authoritative, guide to a topic in which books are more often lengthy and technical, Project Management discusses team building, timing, the planning process, estimating project costs, managing project interfaces, the four stages of risk management, and more.

Effective Software Project Management

Software Project Management in Practice

Software Project Management: A Concise Study 2Nd Ed.

A Process-Driven Approach

Factors That Impact Software Project Success in Offshore Information Technology (IT) Companies

***This new edition of the book, is restructured to trace the advancements made and landmarks achieved in software engineering. The text not only incorporates latest and enhanced software engineering techniques and practices, but also shows how these techniques are applied into the practical software assignments. The chapters are incorporated with illustrative examples to add an analytical insight on the subject. The book is logically organised to cover expanded and revised treatment of all software process activities. KEY FEATURES*** • Large number of worked-out examples and practice problems • Chapter-end exercises and solutions to selected problems to check students' comprehension on the subject • Solutions manual available for instructors who are confirmed adopters of the text • PowerPoint slides available online at [www.phindia.com/rajibmall](http://www.phindia.com/rajibmall) to provide integrated learning to the students ***NEW TO THE FIFTH EDITION*** • Several rewritten sections in almost every chapter to increase readability • New topics on latest developments, such as agile development using SCRUM, MC/DC testing, quality models, etc. • A large number of additional multiple choice questions and review questions in all the chapters help students to understand the important concepts **TARGET AUDIENCE** • BE/B.Tech (CS and IT) • BCA/MCA • M.Sc. (CS) • MBA

***ON TIME, ON BUDGET . . . MANAGE EVERY PROJECT LIKE A PRO*** In today's environment of tight turnarounds and even tighter budgets, the effective project manager is often considered the most valuable member of a workplace team. *Project Management, Second Edition, provides a step-by-step introduction to the tools and techniques necessary to successfully spearhead your next project. This new edition has everything that made the original so popular, plus it has been updated to reflect new principles and strategies in team building, planning, estimating costs, managing project interfaces, and more--providing you with the kind of business savvy today's project manager is expected to possess. Learn how to: Stay on top of all aspects of your project: process, interpersonal, and organizational* --and achievement--among diverse team members *Manage all the contingencies--foreseen and unforeseen--that come up in every project*

***We want to help you succeed on the PROJECT MANAGEMENT PROFESSIONAL EXAM*** McGraw-Hill Education: Project Management Professional Exam helps you prepare for this important test and earn the certification that will advance your career. Written by a project management expert and

trainer, this book provides you with the intensive review and practice that will help you achieve the results you want. Covering all essential processes, this book shows you how project management theory works in practice. Inside you will find extensive review exercises, hundreds of practice questions, a complete practice exam, and experience-based tips to maximize your score. You'll be able to sharpen your skills and boost your confidence--and do your very best on test day. **Features:** One complete sample PMP exam 300 additional test-like practice questions Dozens of review exercises covering all project management knowledge areas Clear explanations for all exercises and practice questions Practical examples that show project management processes in the everyday workplace

A Model-centric Approach

Introduction to Software Project Management

Total Engineering Project Management

Managing Modern Software Development

***This well-established and highly appreciated book, now in its Third Edition, continues to build on the strength of the previous two editions. While retaining many of the existing topics, Professor S.A. Kelkar, with his wealth of experience and expertise, gives an uptodate analysis of the subject, incorporating several new topics. The book is suffused with illustrations to reinforce the concepts discussed. As software project management is a core course in Computer Science and Engineering and Information Technology, and is a preferred choice of many management students, this book should be treasured by the readers, both for its utility and novelty of treatment. Intended as a text for undergraduate and postgraduate students of Computer Science and Engineering and Information Technology, this concise and compact book would be extremely useful also to the postgraduate students of Computer Applications and postgraduate students of Management specializing in IT. New to This Edition Three Appendices on Nutshell: Managing Complex Projects; Overview of IT Service Management; and Emotional Intelligence in Project Management are included. Chapter 1 has been reorganized to make it more comprehensive. Chapter 2 has been split into three chapters (Chapters 2, 3 and 4). Each chapter deals with project management basics, planning, and control, emphasizing stakeholder management, quality management, and earned management.***

***Drawing on best practices identified at the Software Quality Institute and embodied in bodies of knowledge from the Project Management Institute, the American Society of Quality, IEEE, and the Software Engineering Institute, Quality Software Project Management teaches 34 critical skills that allow any manager to minimize costs, risks, and time-to-market. Written by leading practitioners Robert T. Futrell, Donald F. Shafer, and Linda I. Shafer, it addresses the entire project lifecycle, covering process, project, and people. It contains extensive practical resources-including downloadable checklists, templates, and forms.***

***To build reliable, industry-applicable software products, large-scale software project groups must continuously improve software engineering processes to increase product quality, facilitate cost reductions, and adhere to tight schedules. Emphasizing the critical components of successful large-scale software projects, Software Project Management: A***

***All about Project Management Software***

***Project Management, Second Edition (Briefcase Books Series)***

***Software Engineering***

This unique volume explores cutting-edge management approaches to developing complex software that is efficient, scalable, sustainable, and suitable for distributed environments. Practical insights are offered by an international selection of pre-eminent authorities, including case studies, best practices, and balanced corporate analyses. Emphasis is placed on the use of the latest software technologies and frameworks for life-cycle methods, including the design, implementation and testing stages of software development. Topics and features:

- Reviews approaches for reusability, cost and time estimation, and for functional size measurement of distributed software applications
- Discusses the core characteristics of a large-scale defense system, and the design of software project management (SPM) as a service
- Introduces the 3PR framework, research on crowdsourcing software development, and an innovative approach to modeling large-scale multi-agent software systems
- Examines a system architecture for ambient assisted living, and an approach to cloud migration and management assessment
- Describes a software error proneness mechanism, a novel Scrum process for use in the defense domain, and an ontology annotation for SPM in distributed environments
- Investigates the benefits of agile project management for higher education institutions, and SPM that combines software and data engineering

This important text/reference is essential reading for project managers and software engineers involved in developing software for distributed computing environments. Students and researchers interested in SPM technologies and frameworks will also find the work to be an invaluable resource. Prof. Zaigham Mahmood is a Senior Technology Consultant at Debesis Education UK and an Associate Lecturer (Research) at the University of Derby, UK. He also holds positions as Foreign Professor at NUST and IIU in Islamabad, Pakistan, and Professor Extraordinaire at the North West University Potchefstroom, South Africa.