

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

Software Project Management Software Project Management Software Project Management: A Concise Study 2Nd Ed. Software Project Management in Practice Software Project Management Effective Software Project Management Quality Software Project Management Software Project Management SOFTWARE PROJECT MANAGEMENT Applied Software Project Management Software Project Management SOFTWARE ENGINEERING PROJECT MANAGEMENT Guide to Software Project Management Software Project Management Introduction to Software Project Management The Software Project Manager's Handbook The Complete Software Project Manager Software Project Management Software Project Survival Guide Bharat Bhushan Agarwal E. M. Bennatan S. A. Kelkar Pankaj Jalote Chandramouli Robert K. Wysocki Robert T. Futrell Joel Henry Ashfaq Ahmed KELKAR, S. A. Andrew Stellman Kieron Conway Bill Brykczynski Gerard O'Regan Shailendra Narayan Singh Adolfo Villafiorita Dwayne Phillips Anna P. Murray Lawrence J. Peters Steve McConnell

Software Project Management Software Project Management Software Project Management: A Concise Study 2Nd Ed. Software Project Management in Practice Software Project Management Effective Software Project Management Quality Software Project Management Software Project Management Software Project Management SOFTWARE PROJECT MANAGEMENT Applied Software Project Management Software Project Management SOFTWARE ENGINEERING PROJECT MANAGEMENT Guide to Software Project Management Software Project Management Introduction to Software Project Management The Software Project Manager's Handbook The Complete Software Project Manager Software Project Management Software Project Survival Guide *Bharat Bhushan Agarwal E. M. Bennatan S. A. Kelkar Pankaj Jalote Chandramouli Robert K. Wysocki Robert T. Futrell Joel Henry Ashfaq Ahmed KELKAR, S. A. Andrew Stellman Kieron Conway Bill Brykczynski Gerard O'Regan Shailendra Narayan Singh Adolfo Villafiorita Dwayne Phillips Anna P. Murray Lawrence J. Peters Steve McConnell*

past experience with the development of software products indicates that there is much scope for improvement being design intensive software projects run the risk of cost schedule overruns besides remaining off the mark in satisfying the customers the blame for the failures is very often attributed to inadequate project management rather than lack of competence in development with the growth in the size and complexity

of software projects and the corresponding design and development effort involved the importance of formal software project management cannot be overemphasized this book in its second edition comprehensively presents the essentials of theory and practice of software project management methodologies the aim is to introduce the readers to the subject in a conceptual framework the topics included in this edition are updated as per the ongoing trends in the field of software project management there is an appendix on metrics and measurements this title includes a list of abbreviations at the beginning of chapters the book is well suited for teaching an academic course of one semester or for conducting short training programmes for software engineers and project managers armed with updated concepts and ideas software engineers and project managers will be able to plan every aspect of a project to ensure its timely implementation within the stipulated budget and required quality standards

software project management is a comprehensive textbook designed for the students of computer science and information technology all the topics are explained with a large number of practical examples and case studies

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 is 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

annotation 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

software project management provides insight to the importance of careful project management topics are presented in the same order that they appear in the progression of actual projects the author utilizes his creative writing background to teach these topics with the tone of a friend sitting beside each student rather than as a general lecture on the material the text considers the culture of a software project team and the leadership technique needed to make a project successful it adds to this foundation the importance of the process itself current software development tools such as rational suite microsoft project and psp studio are also addressed basic measurements are presented with examples from real world projects which show how a project can be monitored controlled and assessed precise directions and examples are given to illustrate this hands on method as well as the techniques a student will need to actually perform project management in a real life situation

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 process driven approach discusses human resources software engineering and technology to a level that exceeds most university level courses on the subject the book is organized into five parts part i defines project management with information on project and process specifics and choices the skills and experience needed the tools available and the human resources organization and management that brings it all together part ii explores software life cycle management part iii tackles software engineering processes and the range of processing models devised by several domestic and international organizations part iv reveals the human side of project management with chapters on managing the team the suppliers and the customers themselves part v wraps up coverage with a look at the technology techniques templates and checklists that can help your project teams meet and exceed their goals a running case study provides authoritative insight and insider information on the tools and techniques required to ensure product quality reduce costs and meet project deadlines praise for the book this book presents all aspects of modern project management practices includes a wealth of quality templates that practitioners can use to build their own tools equally useful to students and professionals alike maqbool patel phd svp cto partner acuitec

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

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

essential software development is covered as well as understanding the complete project life cycle particularly in the areas of planning and estimating written for beginner to advanced developers exploring all aspects of software development and the processes behind development not just how to code provides the necessary skills for setting up a contractual and technical framework for successful software development follows a genuine visual basic project through its ups and downs providing a real world experience as if the reader were part of the project team covers a basic set of skills needed for effective software development not found in any other book

about the book richard thayer s popular bestselling book presents a top down practical view of managing a successful software engineering project the book builds a framework for project management activities based on the planning organizing staffing directing and controlling model thayer provides information designed to help you understand and successfully perform the unique role of a project manager this book is a must for all project managers in the software field the text focuses on the five functions of general management by first describing each

function and then detailing the project management activities that support each function this new edition shows you how to manage a software development project discusses current software engineering management methodologies and techniques and presents general descriptions and project management problems the book serves as a guide for your future project management activities the text also offers students sufficient background and instructional material to serve as a main supplementary text for a course in software engineering project management introduction to management software engineering software engineering project management planning s software engineering project planning software cost schedule and size organizing a software engineering project staffing a software engineering project directing a software engineering project controlling a software engineering project controlling software metrics and visibility of progress

this essential textbook presents an overview of software project management in an ethical and responsible software engineering environment the book covers the essentials of software project management and highlights the importance of ethics and professional responsibility as part of the skill set of the modern project manager topics and features presents a solid overview of software project management discusses professional and ethical responsibilities of project managers presents an overview of ethical software engineering reviews project planning and scheduling project monitoring and control risk management and project closure discusses quality management of software projects presents an overview of legal and ethical aspects of outsourcing discusses project management for both traditional and agile projects reviews a selection of tools metrics to support project management discusses best practice prince 2 pmp and cmmi to improve project management includes key learning topics summaries and review questions in each chapter together with a useful glossary this practical and easy to follow textbook reference is ideal for computer science students seeking to understand software project management the text also serves as a self study primer for software engineers project managers and software managers dr gerard o regan is an international lecturer in maths computing with research interests in software quality software process improvement mathematical approaches to software quality and the history of computing he is the author of several books with springer including concise guide to software engineering ethical and legal aspects of computing and a brief history of computing

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

software project managers and their team members work individually towards a common goal this book guides both emphasizing basic principles that work at work software at work should be pleasant and productive not just one or the other this book emphasizes software project management at work the author s unique approach concentrates on the concept that success on software projects has more to do with how people think individually and in groups than with programming he summarizes past successful projects and why others failed visibility and

communication are more important than sql and c the book discusses the technical and people aspects of software and how they relate to one another the first part of the text discusses four themes 1 people process product 2 visibility 3 configuration management and 4 ieee standards these themes stress thinking organization using what others have built and people the second part describes the software management principles of process planning and risk management part three discusses software engineering principles the technical aspects of software projects the fourth part examines software practices giving practical meaning to the individual topics covered in the preceding chapters the final part of this book continues these practical aspects by illustrating a sample project through seven distinctive documents

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

the management of a software project has been shown to be the number one factor in determining a software development project s success it has been found that most software projects fail because of poor management not surprisingly most software development managers have not been trained in project management software project management methods and techniques aims to remedy this situation in two ways familiarizing software developers with the elements of the project management discipline and providing fact based resources on practicing software project management much like the checklist pilots go through prior to a flight this book provides a pre project checklist which enables the software engineering team to review and evaluate an extensive set of technical and sociopolitical risks which will help the software project manager and the team determine the project team s chances of success this same list and the individual question responses can be used later as part of the project s closeout process helping team members to improve their individual and collective abilities to assess risk intended for

both students and software project managers the book is organized along the lines of the five major functions of a software project manager planning scheduling and costing controlling staffing and motivating the basics of each of these functions are presented in a single chapter these are followed by a series of narrow topic presentations in the form of appendices that are intended to help solve specific problems that may occur during the conduct of a software project as in the main portion of the text the appendices include references that provide an avenue into further detail on the topic designed to promote project success this approach has been taken because software projects are each unique undertakings such that providing a one size fits all approach will fail most of the time

steve mcconnell draws on solid research and a career s worth of hard won experience to map the surest path to your goal what he calls one specific approach to software development that works pretty well most of the time for most projects nineteen chapters in four sections cover the concepts and strategies you need for mastering the development process including planning design management quality assurance testing and archiving for newcomers and seasoned project managers alike software project survival guide draws on a vast store of techniques to create an elegantly simplified and reliable framework for project management success publisher description

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