

## About Information Technology Project Management 6th Edition

Project Management for Information, Technology, Business, and Certification provides you with proven project-management processes, broadly-tested techniques, and solid approaches to successfully manage projects of varying sizes and complexity. IT and business students will find this text useful in educating them on the important role disciplined project management plays in transforming corporate strategy into reality.

Market\_Desc: IT Professionals Special Features: · Uses the concept of MOV to create a solid foundation for making decisions throughout the project's lifecycle· Presents more hands-on, practical exercises at the end of every chapter to show how the concepts are applied in the field· Updates and reorganizes the chapters to improve the flow of topics· Prepares readers for the PMP certification exam with a new appendix· Incorporates nine areas outlined in the Project Management Institute's Project Management Body of Knowledge (PMBOK) into the basic concepts About The Book: This book provides IT project managers with the tools to create Measurable Organizational Value (MOV). This edition presents more hands-on, practical exercises at the end of every chapter to show how the concepts are applied in the field. The chapters have been updated and reorganized to improve the flow of topics. An appendix that discusses how to prepare for the PMP certification exam is also included. It will help IT professionals gain the skills to achieve a higher level of success.

Plan, Information Systems Project Management helps you successfully deliver your projects on time, on budget, and with desired results.

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

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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 PMI standards+™ for information and standards application content based on project type, development approach, and industry sector.

The Secret History of the iPhone

Managing Technology-Based Projects

Breakthrough Technology Project Management

The Project Manager's Guide to Health Information Technology Implementation

Project Management for Healthcare Information Technology

This book presents a chronological approach to managing small, medium, and large projects, and is suitable for all majors, including business, engineering, healthcare, and more.

A GUIDE TO EFFECTIVE PROJECT MANAGEMENT IN TECHNOLOGY-BASED

FIRMS Used effectively, project management can increase a firm's market share, product quality, and customer satisfaction. Though technology-based companies place themselves at a competitive disadvantage if they neglect this strategic tool, many overlook project

management's benefits because they see themselves as continuously adapting organizations. In reality, this role makes project management even more vital. Managing Technology-Based Projects imparts the latest approaches and tools essential to lead a successful technology-based project. It outlines the practical integration of project management with four key areas: strategic alignment of projects within the enterprise project management process and its organizational support system, invaluable tools and techniques, and the individual and group leadership within a project's organization. Complete with examples of industrial applications, the book includes: Methods for defining key performance indicators and assessing project management process effectiveness Suggestions for fine-tuning and continuous improvement Practical case scenarios, discussion topics, end-of-chapter reviews, and exercises Attention to project management as it applies to a globalized business No one in a managerial role should be without Thamhain's expert advice. This guidebook is your road map to successfully incorporating enterprise project management into technology-based work. Perspectives and Techniques for Improving Information Technology Project Management discusses the variety of information systems and how it can improve project management and, likewise, how project management can affect the growth of information systems. Using new frameworks, technologies and methods, this comprehensive collection is useful for professionals, researchers and software developers interested in learning more on this emerging field.

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The 5th Edition of Jack Marchewka's Information Technology Project Management focuses on how to create measurable organizational value (MOV) through IT projects. The author uses the concept of MOV, combined with his own research, to create a solid foundation for making decisions throughout the project's lifecycle. The book's integration of project management and IT concepts provides students with the tools and techniques they need to develop in this field.

Interview Questions and Answers

From Requirements to Value Delivery

Handbook of Research on Technology Project Management, Planning, and Operations

Developing Countries and Technology Inclusion in the 21st Century Information Society

Information Technology Project Management

There are two different, interdependent components of IT that are important to a CIO: strategy, which is long-term; and tactical and operational concerns, which are short-term. Based on this distinction and its repercussions, this book clearly separates strategy from day-to-day operations and projects from operations – the two most important functions of a CIO. It starts by discussing the ideal organization of an IT department and the rationale behind it, and then goes on to debate the most pressing need – managing operations. It also explains some best industry standards and their practical implementation, and discusses project management, again highlighting the differences between the methodologies used in projects and those used in operations.

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A special chapter is devoted to the cutover of projects into operations, a critical aspect seldom discussed in detail. Other chapters touch on the management of IT portfolios, project governance, as well as agile project methodology, how it differs from the waterfall methodology, and when it is convenient to apply each. Taking the fundamental principles of IT service management and best practices in project management, the book offers a single, seamless reference for IT managers and professionals. It is highly practical, explaining how to apply these principles based on the author ' s extensive experience in industry.

"This book provides a compendium of terms, definitions and explanations of concepts, processes and acronyms that reflect the growing trends, issues, and applications of technology project management"--Provided by publisher.

Successful project management is increasingly vital to all organizations, driven by the demands of global competition, rapid technological growth, and faster time to market (just to name a few). For those in technology fields, project management skills are fast becoming a required core competency. And those who have mastered these skills continue to be in high demand worldwide, commanding higher salaries than those around them. But how does one extend those skills or acquire them in the first place? Fundamentals of Technology Project Management is a great place to start. Of the hundreds of project management books on the market, precious few address the unique needs of the IT project manager. Unlike most other project management books,

Fundamentals of Technology Project Management tackles the specific issues that technology professionals must face, such as understanding technology resources, managing project scope and feature creep, and meeting client expectations, among many others. Whether you're a college student, a software engineer, or an IT professional, Fundamentals of Technology Project Management will help you gain a comprehensive understanding of the project management life cycle and learn how to manage it – from first steps on through to intermediate topics (as well as some advanced ones). Author Colleen Garton explains — in easy-to-understand language— not only the what but the how of IT projects. What's more, unlike general project management books, the examples and case studies in this book are all based on technology projects, making them far more relevant to the learner. Also included is a content-rich CD-ROM loaded with features to make the life of any IT project manager (or the IT professional with project management responsibilities) far easier. There are document templates you can use for all phases of the project — from the initial RFP to closing reports. Plus, the author steps you through meeting agendas, status reports, cost analysis, technical specifications, and more. In addition to the document templates, you're provided with PowerPoint slides that can be modified and used for reporting progress to users and management. The continuing rise in importance of project management cannot be denied. Let this book be your guide to becoming a more effective, more efficient IT project manager. With Fundamentals of Technology Project

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Management you will: - Discover the top ten reasons projects fail - Master the five keys to project success - Explore the six phases of the project lifecycle, step by step - Review the documents necessary for good project management and learn how to complete them - Understand the warning signs of a project in trouble and learn how to get it back on track - Learn Quality Management and Quality Assurance practices in easy-to-understand terms - Acquire practical ways to develop effective leadership and team-building skills

In recent years, many developing regions across the globe have made rigorous efforts to become integrated into the global information society. The development and implementation of information communication technology (ICT) devices and policies within various fields of service have significantly aided in the infrastructural progression of these countries. Despite these considerable advancements, there remains a lack of research and awareness on this imperative subject. *Developing Countries and Technology Inclusion in the 21st Century Information Society* is an essential reference source that discusses the adoption and impact of ICT tools in developing areas of the world as well as specific challenges and sustainable uses within various professional fields. Featuring research on topics such as policy development, gender differences, and international business, this book is ideally designed for educators, policymakers, researchers, librarians, practitioners, scientists, government officials, and students seeking coverage on modern applications of ICT services in developing countries.

Project Management for Information, Technology, Business, and Certification

Managing Information Technology

Maximizing Benefits from IT Project Management

Integrated IT Project Management

Information Technology Project Management, with CD-ROM

*More than just a list of ambiguous problems and puzzles to solve, "IT Project Manager Interview Questions" provides in-depth, real-world questions and answers given on real programming and information technology job interviews. The fourth edition of this text addresses the issue of organizational culture in more detail and gives an analysis of why information system projects fail and what can be done to make success more likely.*

*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*

*Although there are many books of methods and tools in different areas, few books actually give detailed tips and lessons on how to effectively set up and manage projects. Most books on project management devote all their space to specific methods. Breakthrough Technology Project Management, Second Edition provides tangible guidelines through examples and suggestions to help people participate in and manage projects more effectively. The authors' techniques and guidelines have been proven over the past 15 years in courses and counseling. This book is a valuable tool for those working in information systems, engineering,*

*computer science, operations and production, and other environments involving project management.*

*Project Management for Information Systems*

*Managing Information Technology Projects*

*Tools, Techniques, People and Business Processes*

*Project Management Techniques and Innovations in Information Technology*

*Applying Project Management Strategies to Software, Hardware, and Integration Initiatives*

The Third Edition of Jack Marchewka's Information Technology Project Management focuses on how to create Measurable Organizational Value (MOV) through IT projects. The author uses the concept of MOV, combined with his own research, to create a solid foundation for making decisions throughout the project's lifecycle. The book's integration of project management and IT concepts provides students with the tools and techniques they need to develop in this field. NEW TO THIS EDITION Incorporates the latest Chaos studies and research conducted by the author and Tata Consultancy services in 2007. Updated material on Project Management process and Project Integration Management. NEW material on critical chain project management. Hands-

on, integrated case assignments in the form of 'quick thinking' exercises and end-of-chapter cases. Can be used as classroom discussion tools or student assignments. HALLMARK FEATURES Emphasizes MOV as a central theme in the text. Takes you through the different phases of the project life cycle and introduces the concepts and tools that are appropriate for each specific phase of the project. Incorporates nine areas outlined in the Project Management Institute's Project Management Body of Knowledge (PMBOK) into the basic concepts associated with information systems management and software engineering. Integrates a knowledge management approach throughout the book. Includes a CD trial version of MS Project 2007

The complete, up-to-date guide to project management for engineering and technology that fully reflects the latest PMBOK standards. Project Management for Engineering and Technology is the up-to-date guide to engineering and technology-specific project management that fully reflects the latest standards in the "Project Management Body of Knowledge" (PMBOK). Unlike competitive texts, it covers not just project management process skills, but also crucial people skills such as negotiation, personal time management, change management, diversity, and overcoming adversity. Topics covered include: scheduling, cost estimating, budgets, human resources, communication, procurement, quality plans, risk management, team building, project

monitoring/control, and closeout. Readers will find up-to-date case studies related to the full spectrum of engineering and technology projects, including design, manufacturing, quality improvement, and process development. They will master skills they can apply in assignments ranging from the design and manufacture of the largest jetliner to the smallest circuit board. Every chapter contains a case study that illustrates the complexities and challenges of real-world engineering and technology projects, and shows why effective project management is so critical. Teaching and Learning Experience This book will help engineering and technology professionals quickly master project management best practices. It provides: Comprehensive engineering and technology-specific coverage fully aligned to the Project Management Body of Knowledge (PMBOK): Thoroughly in accordance with the latest standards in the "Project Management Body of Knowledge" (PMBOK), and focused entirely on engineering and technology Up-to-date coverage of realistic engineering and technology projects and project management challenges: Illuminates the specific realities of engineering and technology project management, with realistic case studies of complex, challenging projects throughout Hands-on focus, comprehensive pedagogical tools, and support for flexible approaches to teaching and learning: Supported by comprehensive pedagogical tools, and designed for both classroom and online learning in a wide

range of programs

The secret history of the invention that changed everything—and became the most profitable product in the world. NATIONAL BESTSELLERShortlisted for the Financial Times Business Book of the Year Award One of the Best Business Books of 2016 – CNBC, Bloomberg, 1-800-CEO-Read "The One Device is a tour de force, with a fast-paced edge and heaps of analytical insight." –Ashlee Vance, New York Times bestselling author of Elon Musk "A stunning book. You will never look at your iPhone the same way again." –Dan Lyons, New York Times bestselling author of Disrupted Odds are that as you read this, an iPhone is within reach. But before Steve Jobs introduced us to "the one device," as he called it, a cell phone was merely what you used to make calls on the go. How did the iPhone transform our world and turn Apple into the most valuable company ever? Veteran technology journalist Brian Merchant reveals the inside story you won't hear from Cupertino-based on his exclusive interviews with the engineers, inventors, and developers who guided every stage of the iPhone's creation. This deep dive takes you from inside One Infinite Loop to 19th century France to WWII America, from the driest place on earth to a Kenyan pit of toxic e-waste, and even deep inside Shenzhen's notorious "suicide factories." It's a firsthand look at how the cutting-edge tech that makes the world work—touch screens, motion

trackers, and even AI-made their way into our pockets. The One Device is a roadmap for design and engineering genius, an anthropology of the modern age, and an unprecedented view into one of the most secretive companies in history. This is the untold account, ten years in the making, of the device that changed everything.

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.

For Game Designers (and Everyone)

Readings in Information Technology Project Management

A Model-centric Approach

Modern Techniques for Successful IT Project Management

Project Management for Engineering and Technology

*How to achieve a happier and healthier game design process by connecting the creative aspects of game design with techniques for effective project management. This book teaches game designers, aspiring game developers, and game design students how to take a digital game project from start to finish—from conceptualizing and designing to building, playtesting, and iterating—while avoiding the uncontrolled overwork known among developers*

*as “crunch.” Written by a legendary game designer, A Playful Production Process outlines a process that connects the creative aspects of game design with proven techniques for effective project management. The book outlines four project phases—ideation, preproduction, full production, and post-production—that give designers and developers the milestones they need to advance from the first glimmerings of an idea to a finished game.*

*This book focuses on providing information on project management specific for software implementations within the healthcare industry. It can be used as a beginners’ guide as well as a reference for current project managers who might be new to software implementations. Utilizing the Project Management Institute’s (PMI) methodology, the defined process groups and knowledge areas will be defined related to implementing custom and Commercial Off The Shelf (COTS) software. The Software Development Life Cycle (SDLC) is a standard for developing custom software, but can also be followed for implementing COTS applications as well. How will the system be set-up from an architecture and hardware standpoint? What environments will be needed and why? How are changes managed throughout the project and after? These questions and more will be reviewed. The differences between types of testing are defined as well as when each are utilized. Planning for the activation and*

*measuring the success of the project and how well the strategic need has been met are key activities that are often not given the time and effort to plan as the other parts of the implementation project. This new edition updates the current content to better align with the newest version of the PMI's Project Management Body of Knowledge (PMBOK), the latest technology and concepts. In addition, this new edition includes additional chapters covering security and privacy, contract management and system selection and transition to support. Recreates the experience of dozens of projects, both successful and failed, to provide a real-world context for learning.*

*Driven by such tools as big data, cognitive computing, new business models, and the internet of things, the overall demand for innovation is becoming more critical for competitiveness and emerging technologies. These technologies have become real alternatives for the market and offer new perspectives for modern project management applications. The Handbook of Research on Emerging Technologies for Effective Project Management is an essential research publication that proposes innovations for firms and markets through the exploration of project management principles and methods and the effective integration of knowledge and innovation. It encompasses academic and scientific propositions, reviews for conceptual bases, applications of*



*theories in new market solutions, and cases of successful insertion of disruptive technologies and business models in new competitive market offers. Featuring a range of topics such as innovation management, business administration, and marketing, this book is ideal for project managers, IT specialists, software developers, executives, practitioners, managers, marketers, researchers, and industry professionals.*

*INFORMATION TECHNOLOGY PROJECT MANAGEMENT, 3RD ED*

*Information Technology Project Management Interview Questions*

*Perspectives and Techniques for Improving Information Technology Project Management*

*A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Seventh Edition and The Standard for Project Management (RUSSIAN) Providing Measurable Organizational Value*

**Designed for graduate, advanced undergraduate, and practitioner project management courses with an information technology focus, Methods of IT Project Management is built around the Project Management Body of Knowledge (PMBOK). The text provides students with all of the concepts, techniques, and methods found in the leading project management reference books, while also conveying practical**

**knowledge that can immediately be applied in real-world settings. Unlike other books in this field, the material is organized according to the sequence of the project management life cycle from initial overview, through initiation, execution, and control, to close out. Following this life cycle, as opposed to covering the material by knowledge area, allows students to simultaneously learn project management concepts and methods at the same time as they develop skills they can use immediately during and upon completion of the course. The Project Management Professional (PMP) certification issued by the Project Management Institute (PMI) is the world's leading certification in this field. To help students prepare, the authors have dedicated an appendix to practice study questions and give helpful advice on preparing for and passing the PMP exam. At the end of each chapter, the text provides one or more mini-cases based on the theme of a running case study that extends through the entire book. The mini-cases provide additional opportunities for students to apply project management concepts and techniques, and they are ideal for stimulating class discussions and debates. In addition, these cases also present thought-provoking scenarios to challenge the more**

**advanced student. This replaces the 1st Edition by Prentice Hall (ISBN# 978-0132367257).**

**"This book presents the latest research, case studies, best practices, and methodologies within the field of IT project management, offering research from top experts around the world in a variety of IT project management applications and job sectors"--Provided by publisher.**

**Introducing the first collection of IT Project Management readings in the academic market! Readings in Information Technology Project Management provides users with real-world examples of information project management from experienced project managers.**

**Comprehensive case studies coupled with various perspectives from experienced project managers are sure to equip users with a strong foundation for success in today's business world.**

**Methods of IT Project Management (Third Edition) is built around the latest version of the Project Management Body of Knowledge (PMBOK) and covers best practices unique to the IT field. It is designed for use in graduate, advanced undergraduate, and professional IT project management courses to prepare students for success in the IT field, and to prepare them to pass the Project**

**Management Professional (PMP) certification exam given by the Project Management Institute (PMI), the world's leading certification in the field of project management. Unlike other project management texts, Methods of IT Project Management follows the IT project life cycle, from overview and initiation to execution, control, and closing. An enterprise-scale IT project (macro-case study) runs through the entire text. Each section presents mini-cases based on the larger case and focuses on new concepts presented in each section. Readers gain practical knowledge of IT project management workflows, at scale, while building technical knowledge and skills required to pass the PMP. Mini-case studies encourage deep retention, prompt rich in-class discussion, and challenge more advanced students and professionals alike. Unique skills covered can be put directly into practice. An appendix presents practice study questions and advice on preparing for and passing the PMP exam. The revised third edition includes expanded coverage of agile system development methodologies, leadership and negotiation skills, and process maturity models.**

**Occupational Outlook Handbook**

## **Information Technology Project Management : a Concise Study Project Management for Engineering, Business and Technology The One Device**

*With the majority of IT projects being delivered late, over budget, or cancelled altogether, it is clear that traditional project management methodologies do not provide an effective framework for today's IT projects. It is evident that a new Return-on-Investment (ROI) oriented approach is required that focuses on the ROI of a project fro*

*Balancing technical coverage with personnel management and motivation theory, this book covers "state of the science" topics like JAD, estimating, and quality management. Other topics addressed include coordinating multiple projects and tackling large projects. The book links work to be done, things to be produced, and resources required in projects. Project Management for Engineering, Business and Technology is a highly regarded textbook that addresses project management across all industries. First covering the*

*essential background, from origins and philosophy to methodology, the bulk of the book is dedicated to concepts and techniques for practical application. Coverage includes project initiation and proposals, scope and task definition, scheduling, budgeting, risk analysis, control, project selection and portfolio management, program management, project organization, and all-important "people" aspects—project leadership, team building, conflict resolution, and stress management. The systems development cycle is used as a framework to discuss project management in a variety of situations, making this the go-to book for managing virtually any kind of project, program, or task force. The authors focus on the ultimate purpose of project management—to unify and integrate the interests, resources and work efforts of many stakeholders, as well as the planning, scheduling, and budgeting needed to accomplish overall project goals. This sixth edition features: updates throughout to cover the latest developments in project management methodologies; a new chapter on project*

*procurement management and contracts; an expansion of case study coverage throughout, including those on the topic of sustainability and climate change, as well as cases and examples from across the globe, including India, Africa, Asia, and Australia; and extensive instructor support materials, including an instructor's manual, PowerPoint slides, answers to chapter review questions and a test bank of questions. Taking a technical yet accessible approach, this book is an ideal resource and reference for all advanced undergraduate and graduate students in project management courses, as well as for practicing project managers across all industry sectors.*

*Computer technology provides the opportunity for innovation and progress in the daily operations and initiatives of corporations. Despite the positive elements of integrating technology into the workplace, corporations continue to struggle with the challenges created by rapid technological advancements. Modern Techniques for Successful IT Project Management brings together academic research and*

*professional practice to examine the complexity of implementing technology into the structure and organization of a corporation's ventures. This publication is an essential reference source for researchers, professionals, and upper-level university students working in the fields of project management, information systems, and IT project management interested in the methodologies and research necessary to improve the impact of Information Technology. Handbook of Research on Emerging Technologies for Effective Project Management*

*A Playful Production Process*

*Third Edition*

*Information Systems Project Management*

*Introduction to Project Management*

The new edition of Marchewa's Information Technology Project Management focuses on more simplified chapters, practical examples and the addition of small case studies to every chapter. The text contains the same level of depth and brevity that's simply written and easy to understand as previous issues. Marchewka continues to focus on how to create measurable organizational value (MOV) to create a solid foundation for making decisions throughout the project's lifecycle as well as for integrating



project management and IT concepts, tools, and techniques.

Many of the project management methods and techniques of the past are still being used today, even though the technology, management and environment have changed. Information Technology Project Management explores the need to employ a modern project management approach to reflect today's environment. Focusing on IT projects, Lientz provides a comprehensive examination of the project management process, from the initiation of the project through to the planning, design, execution and closing. Key Features: - Detailed coverage of PMBoK and PRINCE2 methodologies - Explores the practical aspects of project management - Extensive case studies from a variety of industries - Checklists and scorecards to measure all aspects of the project management process - Coverage of HRM and other 'soft' elements of project management - Guidelines on preventing project problems and failure Based on the authors own extensive industry and teaching practice, Information Technology Project Management is an essential resource for undergraduate, postgraduate and MBA students studying project management. Earlier editions of this work were published as Breakthrough Technology Project Management.

### Information Technology Project Management

A Proven, Integrated Healthcare Information Technology Management Solution Co-written by a certified Project Management Professional and an M.D., Project Management for Healthcare Information Technology presents an effective methodology that encompasses standards and best practices from project management, information technology management, and change management for a streamlined transition to digital medicine. Each management discipline is examined in detail and defined as a set of knowledge areas. The book then describes the core processes that take place within each knowledge area in the initiating, planning, executing, controlling, and closing stages of a project. Real-world examples from healthcare information technology project leaders identify how the integrated approach presented in

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this book leads to successful project implementations. Coverage Includes: Integrating project, information technology, and change management methodologies PMBOK Guide process groups--initiating, planning, executing, controlling, and closing Project management knowledge areas--integration, scope, time, cost, quality, human resource, communication, risk, and procurement management IT management knowledge areas--user requirements, infrastructure, conversion, software configuration, workflow, security, interface, testing, cutover, and support management Change management knowledge areas--realization, sponsorship, transformation, training, and optimization management

How to Deliver Function and Value in Information Technology Projects

Methods of IT Project Management

Fundamentals of Technology Project Management

**Every recent innovation in IT can be traced back to a project. This title builds an unparalleled foundation for tomorrow's creators and managers by providing meaningful examples of real projects - both successful and failed - and applying the lessons to a sound framework in IT project management.**