# Knowledge Management System Solutions

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Handbook of Research on Modern Educational Technologies, Applications, and Management Excel Books India

Recent growth in knowledge management concepts has played a vital role in the improvement of organizational performance. These knowledge management approaches have been influential in achieving the goal of efficient production of software development processes. Knowledge-Based Processes in Software Development focuses on the inherent issues to help practitioners in gaining understanding of software development processes. The best practices highlighted in this publication will be essential to software professionals working in the industry as well as students and researchers in the domain of software engineering in order to successfully employ knowledge management procedures.

Design Knowledge Management System IGI Global

"This book provides a valuable resource for promoting current academic discourse on innovation in knowledge-intensive organizations and contexts"--Provided by publisher.

## Coping with Continuous Change in the Business Environment IGI Global

Knowledge management (KM) - or the practice of using information and collaboration technologies and processes to capture organizational learning and thereby improve business performance - is becoming one of the key disciplines in management, especially in large companies. Many books, magazines, conferences, vendors, consultancies, Web sites, online communities and email lists have been formed around this concept. This practical book focuses on the vast offerings of KM solutions—technology, content, and services. The focus is not on technology details, but on how KM and IT practitioners actually use KM tools and techniques. Over twenty case studies describe the real story of choosing and implementing various KM tools and techniques, and experts analyse the trends in the evolution of these technologies and tools, along with opportunities and challenges facing companies harnessing them. Lessons from successes and failures are drawn, along with roadmaps for companies beginning or expanding their KM practice. The introductory chapter presents a taxonomy of KM tools, identifies IT implications of KM practices, highlights lessons learned, and provides tips and recommendations for companies using these tools. Relevant literature on KM practices and key findings of market research groups and industry consortia such as IDC, Gartner and APQC, are presented. The majority of the book is devoted to case studies, featuring clients and vendors along the entire spectrum of solutions: hardware (e.g. handheld/wearable devices), software (e.g. analytics, collaboration, document management) and content (e.g. newsfeeds, market research). Each chapter is structured along the "8Cs" framework developed by the author: connectivity, content, community, commerce, community, capacity, culture, cooperation and capital. In other words, each chapter addresses how appropriate KM tools and technologies help a company on specific fronts such as fostering adequate employee access to knowledge bodies, user-friendly work-oriented content, communities of practice, a culture of knowledge, learning capacity, a spirit of cooperation, commercial and other incentives, and carefully measured capital investments and returns. Vendor history, product/service offerings, implementation details, client testimonials, ROI reports, and future trends are highlighted. Experts in the field then provide thirdparty analysis on trends in KM tools and technique areas, and recommendations for KM practitioners.

Knowledge Management Software a Clear and Concise Reference Springer Science & Business Media

In the last few years, knowledge management practices have evolved in organizations. The introduction of Web 2.0 technologies has encouraged new methods of information usage and knowledge sharing, which are frequently used by employees who already rely on these Web 2.0 technologies in their personal lives. Knowledge Management 2.0: Organizational Models and Enterprise Strategies provides an overview of theoretical and empirical research on knowledge management generation in the Web 2.0 age. Research in this book highlights knowledge management evolution with a global focus and investigates the impact knowledge management 2.0 has on business models, enterprise governance and strategies, human resources, and IT design, implementation, and appropriation in organizations. Research Anthology on Decision Support Systems and Decision Management in Healthcare, Business, and Engineering Springer Nature

A software architecture manifests the major early design decisions, which determine the system 's development, deployment and evolution. Thus, making better architectural decisions is one of the large challenges in software engineering. Software architecture knowledge management is about capturing practical experience and translating it into generalized architectural knowledge, and using this knowledge in the communication with stakeholders during all phases of the software lifecycle. This book presents a concise description of knowledge management in the software architecture discipline. It explains the importance of sound knowledge management practices for improving software architecture processes and products, and makes clear the role of knowledge management in software architecture and software development processes. It presents many approaches that are in use in software companies today, approaches that have been used in other domains, and approaches under development in academia. After an initial introduction by the editors, the contributions are grouped in three parts on "Architecture Knowledge Management", "Strategies and Approaches for Managing Architectural Knowledge", and "Tools and Techniques for Managing Architectural Knowledge". The presentation aims at information technology and software engineering professionals, in particular software architects and software architecture researchers. For the industrial audience,

the book gives a broad and concise understanding of the importance of knowledge management for improving software architecture process and building capabilities in designing and evaluating better architectures for their mission- and business-critical systems. For researchers, the book will help to understand the applications of various knowledge management approaches in an industrial setting and to identify research challenges and opportunities. Encyclopedia of Knowledge Management, Second Edition Morgan Kaufmann

To maintain a competitive edge against other businesses, companies must ensure the most effective strategies and procedures are in place. This is particularly critical in smaller business environments with fewer resources. Knowledge Management Initiatives and Strategies in Small and Medium Enterprises is an authoritative reference source for the latest scholarly material on the management of knowledge resources in smaller-scale enterprises. Highlighting theoretical foundations and real-world applications, this book is ideally designed for professionals, practitioners, researchers, and upper-level students interested in emerging perspectives on knowledge management.

### Effective Knowledge Management Systems in Modern Society 5starcooks

Decision support systems (DSS) are widely touted for their effectiveness in aiding decision making, particularly across a wide and diverse range of industries including healthcare, business, and engineering applications. The concepts, principles, and theories of enhanced decision making are essential points of research as well as the exact methods, tools, and technologies being implemented in these industries. From both a standpoint of DSS interfaces, namely the design and development of these technologies, along with the implementations, including experiences and utilization of these tools, one can get a better sense of how exactly DSS has changed the face of decision making and management in multi-industry applications. Furthermore, the evaluation of the impact of these technologies is essential in moving forward in the future. The Research Anthology on Decision Support Systems and Decision Management in Healthcare, Business, and Engineering explores how decision support systems have been developed and implemented across diverse industries through perspectives on the technology, the utilizations of these tools, and from a decision management standpoint. The chapters will cover not only the interfaces, implementations, and functionality of these tools, but also the overall impacts they have had on the specific industries mentioned. This book also evaluates the effectiveness along with benefits and challenges of using DSS as well as the outlook for the future. This book is ideal for decision makers, IT consultants and specialists, software developers, design professionals, academicians, policymakers, researchers, professionals, and students interested in how DSS is being used in different industries.

#### The Complete Guide to Knowledge Management IGI Global

A straightforward guide to leveraging your company's intellectual capital by creating a knowledge management culture The Complete Guide to Knowledge Management offers managers the tools they need to create an organizational culture that improves knowledge sharing, reuse, learning, collaboration, and innovation to ensure mesurable growth. Written by internationally recognized knowledge management pioneers, it addresses all those topics in knowledge management that a manager needs to ensure organizational success. Provides plenty of real-life examples and case studies Includes interviews with prominent managers who have successfully implemented knowledge management structures within their organizations Offers chapters composed of short theoretical explanations and practical methods that you can utilize, based primarily on hands-on author experience Taking an intellectual journey into knowledge management, beginning with an understanding of the concept of intellectual capital and how to establish an appropriate culture, this book looks at the human aspects of managing knowledge workers, promoting interactions for knowledge creation and sharing.

#### Knowledge Management IGI Global

Successes and Failures of Knowledge Management highlights examples from across multiple industries, demonstrating where the practice has been implemented well—and not so well—so others can learn from these cases during their knowledge management journey. Knowledge management deals with how best to leverage knowledge both internally and externally in organizations to improve decision-making and facilitate knowledge capture and sharing. It is a critical part of an organization 's fabric, and can be used to increase innovation, improve organizational internal and external effectiveness, build the institutional memory, and enhance organizational agility. Starting by establishing KM processes, measures, and metrics, the book highlights ways to be successful in knowledge management institutionalization through learning from sample mistakes and successes. Whether an organization is already implementing KM or has been reluctant to do so, the ideas presented will stimulate the application of knowledge management as part of a human capital strategy in any organization. Provides keen insights for knowledge management practitioners and educators Conveys KM lessons learned through both successes and failures Includes straightforward, jargon-free case studies and research developed by the leading KM researchers and practitioners across industries

#### Knowledge Management Springer Science & Business Media

Over the past decade, diverse organizations have been turning to open source software for their technological needs, in both internal processes management and public interaction. Turning the data generated by organizations ranging from universities to large corporations into usable information has plagued users for years, making open source solutions one of the primary goals of these institutions. Open Source Solutions for Knowledge Management and Technological Ecosystems addresses the issues surrounding the search for each organization 's unique data management needs, defining the tools necessary to fulfill them within their technological ecosystem, along with the selection, interoperability, and integration of these tools. This book is ideal for managers, business professionals, software engineers, information technology professionals, and students of business and IT. Making Knowledge Management Clickable Routledge

Why should we adopt a Knowledge management software framework? How do we manage Knowledge management software Knowledge Management (KM)? Is the Knowledge management software process severely broken such that a re-design is necessary? What would happen if Knowledge management software weren't done? What are the short and long-term Knowledge management software goals? This amazing Knowledge management software self-assessment will make you the trusted Knowledge management software domain standout by revealing just what you need to know to be fluent and ready for any Knowledge management software challenge. How do I reduce the effort in the Knowledge management software work to be done to get problems solved? How can I ensure that plans of action include every Knowledge management software task and that every Knowledge management software outcome is in place? How will I save time investigating strategic and tactical options and ensuring Knowledge management software costs are low? How can I deliver tailored Knowledge management

software advice instantly with structured going-forward plans? There's no better guide through these mind-expanding questions than acclaimed best-selling author Gerard Blokdyk. Blokdyk ensures all Knowledge management software essentials are covered, from every angle: into knowledge which in turn becomes information at the next level, thus continuing the eternal cycle of knowledge quest has always fascinated people the Knowledge management software self-assessment shows succinctly and clearly that what needs to be clarified to organize the required activities and processes so that Knowledge management software outcomes are achieved. Contains extensive criteria grounded in past and current successful projects and activities by experienced Knowledge management software practitioners. Their mastery, combined with the easy elegance of the self-assessment, provides its superior value to you in knowing how to ensure the outcome of any efforts in Knowledge management software are maximized with professional results. Your purchase includes access details to the Knowledge management software self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows you exactly what to do next. Your exclusive instant access details can be found in your book.

# Knowledge Management Elsevier

This book bridges the gap between knowledge management and technology. It embraces the complete lifecycle of knowledge, information, and data from how knowledge flows through an organization to how end users want to handle it and experience it. Whether your intent is to design and implement a single technology or a complete collection of KM systems, this book provides the foundations necessary for success. It will help you understand your organization's needs and opportunities, strategize and prioritize features and functions, design with the end user in mind, and finally build a system that your users will embrace and which will realize meaningful business value for your organization. The book is the culmination of the authors' collective careers, a combined sixty years of experience doing exactly what is detailed in this book. Their guidance has been honed by their own successes and failures as well as many others they have researched in order to provide a comprehensive study on KM transformations and the technologies that help to enable them. They have successfully applied this knowledge as the founders and leaders of the world's largest dedicated knowledge management consultancy, which runs these projects for many of the world's most complex organizations. They are writing as practitioners directly to other practitioners with the intent to enable them to apply and benefit from their knowledge and experience. "Compelling reading for KM practitioners looking to ensure their technology decisions support their business and organizational objectives." - Margot Brown, Director of Knowledge Management, World Bank Group "We are two years into our KM Transformation and if I'd had this book beforehand, it would have made the journey smoother and faster! This is a great playbook for how to plan, organize, and execute a KM transformation." - Stephanie Hill, Senior Director, Global Customer Services, PayPal.

### Knowledge Management Penman Books

This book is a compilation of writings handpicked in esteemed scientific conferences that present the variety of ways to approach this multifaceted phenomenon. In this book, knowledge management is seen as an integral part of information and communications technology (ICT). The topic is first approached from the more general perspective, starting with discussing knowledge management's role as a medium towards increasing productivity in organizations. In the starting chapters of the book, the duality between technology and humans is also taken into account. In the following chapters, one may see the essence and multifaceted nature of knowledge management through branch-specific observations and studies. Towards the end of the book the ontological side of knowledge management is illuminated. The book ends with two special applications of knowledge management.

### Strategic Knowledge Management in Multinational Organizations IGI Global

Aimed at knowledge management professionals and students in the field of knowledge management, information science, information systems and software engineering, the book provides answers to the 'what-is' and 'why-is' questions with regard to knowledge management. It investigates the concepts and elements, the drivers, and challenges involved in knowledge management. In the second part of the book the ' how ' and ' with-what ' characteristics of knowledge management are covered. Although knowledge management is primarily concerned with non-technical issues, this book concentrates on the technical issues and challenges. A new technology framework for knowledge management is proposed to position and relate the different knowledge management technologies as well as the two key applications of knowledge management, namely knowledge portals and knowledge discovery (including text mining). Best practices for a number of knowledge management issues are discussed A new technology framework for knowledge management is proposed to position and relate the different knowledge management technologies Written by internationally acknowledged KM researchers and practitioners

## ECKM 2020 21st European Conference on Knowledge Management M.E. Sharpe

Nowadays, there is software everywhere in our life. It controls cars, airplanes, factories, medical implants. Without software, banking, logistics and transportation, media, and even scientific research would not function in the accustomed way. Building and maintaining software is a knowledgeintensive endeavour and requires that specific experiences are handled successfully. However, neither knowledge nor experience can be collected, stored, and shipped like physical goods, instead these delicate resources require dedicated techniques. Knowledge and experience are often called company assets, yet this is only part of the truth: it is only software engineers and other creative employees who will effectively exploit an organisation's knowledge and experience. Kurt Schneider's textbook is written for those who want to make better use of their own knowledge and experience – either personally or within their group or company. Everyone related to software development will benefit from his detailed explanations and case studies: project managers, software engineers, quality assurance responsibles, and knowledge managers. His presentation is based on years of both practical experience, with companies such as Boeing, Daimler, and Nokia, and research in renowned environments, such as the Fraunhofer Institute. Each chapter is self-contained, it clearly states its learning objectives, gives in-depth presentations, shows the techniques ' practical relevance in application scenarios, lists detailed references for further reading, and is finally completed by exercises that review the material presented and also challenge further, critical examinations. The overall result is a textbook that is equally suitable as a personal resource for self-directed learning and as the basis for a one-semester course on software engineering and knowledge management.

Optimal Knowledge Management: Wisdom Management Systems Concepts and Applications IGI Global

Experience and Knowledge Management in Software EngineeringSpringer Science & Business Media

Experience and Knowledge Management in Software Engineering Experience and Knowledge Management in Software Engineering "This book addresses the relevance of knowledge management strategies for the advancement of organizations worldwide"--Provided by publisher.

## Knowledge Management IGI Global

Within the past ten years, tremendous innovations have been brought forth in information technology and knowledge management. Some of the key technical innovations have included the introduction of social media, artificial intelligence, as well as improved network connectivity and capacity. Effective Knowledge Management Systems in Modern Society is a critical scholarly resource that presents an overview of how technical, social, and process changes are impacting the way knowledge systems are being designed. Featuring coverage on a broad range of topics such as knowledge engineering, cognitive ergonomics, and interorganizational knowledge, this book is geared toward consultants, practitioners, and researchers seeking current research on how new approaches in knowledge management impact information technology professionals. IGI Global

KM is an IT subject. Right&? Wrong! Knowledge and its management is a prerogative of everyone. Since the magic of information transforming itself throughout the ages. This book is about celebrating knowledge for its own sake and emphasising that unless it is shared, there would be no new knowledge. Also knowledge per se can never be costed or priced, it is only the process of acquiring it, storing it and disseminating it that can be expressed in economic terms. Knowledge is free and that is the way it has always been or will ever be. The book has evolved as the author went about understanding the esoteric concept of KM and sought to unravel what it really stood for. Key Featuresv A comprehensive look at KM as a subject. First of its kind - a resource book on KMv Clear view of knowledge, the way of its creation and the manner of its management Classical approach to KMv Modern approach to KMv KM modelsv KM tools and their applicationv The mystique of how information becomes knowledgev Datamining and datawarehousing explainedv KM and its application in the corporate sectorv Case studies galorev Most comprehensive list of further readings, extensive group and individual exercises for students of KM

# Knowledge Management Systems Routledge

"This book examines current research in support of knowledge management by focusing on how knowledge resources can be used to create and sustain competitive advantages, combining imitation and innovation theories"--Provided by publisher.