

Articulating Design Decisions Communicate With Stakeholders Keep Your Sanity And Deliver The Best User Experience

Annotation Every designer has had to justify designs to non-designers, yet most lack the ability to explain themselves in a way that is compelling and fosters agreement. The ability to effectively articulate design decisions is critical to the success of a project, because the most articulate person often wins. This practical book provides principles, tactics and actionable methods for talking about designs with executives, managers, developers, marketers and other stakeholders who have influence over the project with the goal of winning them over and creating the best user experience.

"This book leads to emergence of new, insufficiently analyzed and described organizational phenomena. Thoroughly studying this from international comparative cross-cultural perspective, Management Practices in High-Tech Environments presents cutting-edge research on management practices in American, European, Asian and Middle-Eastern high-tech companies, with particular focus on fieldwork-driven, but reflective, contributions"--Provided by publisher.

"This book provides a comprehensive treatment of collaborative GIS focusing on system design, group spatial planning and mapping; modeling, decision support, and visualization; and internet and wireless applications"--Provided by publisher.

This book provides a wide and deep perspective on the ethical issues raised by pervasive information and communication technology (PICT) – small, powerful, and often inexpensive Internet-connected computing devices and systems. It describes complex and unfamiliar technologies and their implications, including the transformative potential of augmented reality, the power of location-linked information, and the uses of “big data,” and explains potential threats, including privacy invaded, security violated, and independence compromised, often through widespread and lucrative manipulation. PICT is changing how we live, providing entertainment, useful tools, and life-saving systems. But the very smartphones that connect us to each other and to unlimited knowledge also provide a stream of data to systems that can be used for targeted advertising or police surveillance. Paradoxically, PICT expands our personal horizons while weaving a web that may ensnare whole communities. Chapters describe particular cases of PICT gone wrong, but also highlight its general utility. Every chapter includes ethical analysis and guidance, both specific and general. Topics are as focused as the Stuxnet worm and as broad as the innumerable ways new technologies are transforming medical care. Written for a broad audience and suitable for classes in emerging technologies, the book is an example of anticipatory ethics – “ethical analysis aimed at influencing the development of new technologies” (Deborah Johnson 2010). The growth of PICT is outpacing the development of regulations and laws to protect individuals, organizations, and nations from unintended harm and malicious havoc. This book alerts users to some of the hazards of PICT; encourages designers, developers, and merchants of PICT to take seriously their ethical responsibilities – if only to “do no harm” – before their products go public; and introduces citizens and policy makers to challenges and opportunities that must not be ignored.

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System Health Management: with Aerospace Applications provides the first complete reference text for System Health Management (SHM), the set of technologies and processes used to improve system dependability. Edited by a team of engineers and consultants with SHM design, development, and research experience from NASA, industry, and academia, each heading up sections in their own areas of expertise and co-coordinating contributions from leading experts, the book collates together in one text the state-of-the-art in SHM research, technology, and applications. It has been written primarily as a reference text for practitioners, for those in related disciplines, and for graduate students in aerospace or systems engineering. There are many technologies involved in SHM and no single person can be an expert in all aspects of the discipline. System Health Management: with Aerospace Applications provides an introduction to the major technologies, issues, and references in these disparate but related SHM areas. Since SHM has evolved most rapidly in aerospace, the various applications described in this book are taken primarily from the aerospace industry. However, the theories, techniques, and technologies discussed are applicable to many engineering disciplines and application areas. Readers will find sections on the basic theories and concepts of SHM, how it is applied in the system life cycle (architecture, design, verification and validation, etc.), the most important methods used (reliability, quality assurance, diagnostics, prognostics, etc.), and how SHM is applied in operations (commercial aircraft, launch operations, logistics, etc.), to subsystems (electrical power, structures, flight controls, etc.) and to system applications (robotic spacecraft, tactical missiles, rotorcraft, etc.).

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Democracy in Motion uses theory, research, and practice to comprehensively explore what we know, how we know it, and what remains to be understood about deliberative civic engagement. The book is useful to scholars, practitioners, public officials, activists, and citizens who seek to utilize deliberative civic engagement in their communities.

Frontiers in Offshore Geotechnics II comprises the Proceedings of the Second International Symposium on Frontiers in Offshore Geotechnics (ISFOG), organised by the Centre for Offshore Foundation Systems (COFS) and held at the University of Western Australia (UWA), Perth from 8 10 November 2010. The volume addresses current and emerging challenges

In the last half century, research on usability has been dominated by three main areas: military hardware, telecommunications equipment and information technology.

