Sample Web Application Requirements Document

Building Web Applications with UMLInnovations in XML Applications and Metadata Management: Advancing TechnologiesHuman-System Integration in the System Development ProcessFundamentals of Database Systems: Pearson New International EditionLovabilityDeveloping Applications with Exchange 2000Professional ASP.NET Design PatternsDesigning Web NavigationGlobal Outsourcing with Microsoft Visual Studio 2005 Team SystemSoftware EngineeringA Guide to the Business Analysis Body of KnowledgerMySQL and JSP Web ApplicationsBeginning iPhone and iPad Web AppsBusiness Analysis For DummiesAndroid Wireless Application Development, Portable DocumentsWeb Application Development with PHP 4.0Java Server Programming Java Ee5 Black Book, Platinum Ed (With Cd)StrutsUser Stories AppliedA Guide to the Project Management Body of Knowledge (PMBOK(R) Guide-Sixth Edition / Agile Practice Guide Bundle (HINDI)Professional JSP site designBeginning XMLProgressive Web Application Development by ExampleQuick AccessPro Android Web AppsThe Joy of Dreamweaver MX: Recipes for Data-Driven Web SitesWeb Database Applications with PHP and MySQLSoftware & Systems Requirements Engineering: In PracticeMLA Handbook for Writers of Research PapersThe Definitive Guide to Quality Application DeliveryLearning Web DesignASP.NET MVC 4 RecipesExtend

Microsoft Access Applications to the CloudMastering Software Project RequirementsProgramming Web Services with XML-RPCProgramming The WebWeb Application Design HandbookAjax for Web Application DevelopersHow to Do Everything iCloudWeb Application Architecture

Building Web Applications with UML

This introduction to software engineering and practice addresses both procedural and object-oriented development.Is thoroughly updated to reflect significant changes in software engineering, including modeling and agile methods. Emphasizes essential role of modeling design in software engineering. Applies concepts consistently to two common examples a typical information system and a real-time system. Combines theory with real, practical applications by providing an abundance of case studies and examples from the current literature.A useful reference for software engineers.

Innovations in XML Applications and Metadata Management: Advancing Technologies

Get professional insight about Web application development with this complete guide to creating sophisticated and dynamic Web applications with PHP. Readers

will learn how to handle hot topics like XML, WDDX, and e-commerce efficiently with PHP and also read about PHP's advanced syntax and features.

Human-System Integration in the System Development Process

Delivers a thorough examination of best practices and proven results for many different kinds of applications, including porting existing applications to the Internet from a PDA or Web-enabled cell phone, plus a quick reference for designers looking for fast solutions to enhance Web applications. Original. (Advanced)

Fundamentals of Database Systems: Pearson New International Edition

Clear explanations of theory and design, broad coverage of models and real systems, and an up-to-date introduction to modern database technologies result in a leading introduction to database systems. Intended for computer science majors, this text emphasizes math models, design issues, relational algebra, and relational calculus. A lab manual and problems give students opportunities to practice the fundamentals of design and implementation. Real-world examples serve as engaging, practical illustrations of database concepts. The Sixth Edition maintains

its coverage of the most popular database topics, including SQL, security, and data mining, and features increased emphasis on XML and semi-structured data.

Lovability

The JavaServer Pages (JSP) and Java Servlet technologies provide a flexible and popular basis for developing dynamic web sites and applications, powered by the Java language. A wide variety of components, tag libraries, and application frameworks (such as Struts from the Apache Software Foundation) are becoming available, building on this basis and providing much needed functionality.This book is designed to take you from a basic knowledge of the JSP and Servlet technologies to a deeper understanding of how best to implement core web site features such as dynamic navigation, page layout, and content management; potentially tricky subjects like managing frames are analyzed and the best approach discussed. The approach is pragmatic: where an open source component exists that provides the necessary functionality, we'll show you how best to integrate it into your own applications rather than inventing your own.This book is for Java developers who want to take their knowledge to the next level by learning how to apply their skills with JSP and Servlets to practical, real-world issues of web site design. Knowledge of the JSP 1.1 and Servlet 2.2 standards, together with the Java language and core APIs, is assumed. An understanding of XML will be of benefit, but is not essential.

Developing Applications with Exchange 2000

This book will help you join the thousands of successful iPhone apps developers without needing to learn Objective-C or the Cocoa touch APIs. If you want to apply your existing web development skills to iPhone and iPad development, then now you can. WebKit's support for HTML5 means any web developer can create compelling apps for both the iPhone and the larger-screen iPad. Beginning iPhone & iPad Web Apps takes you through the latest mobile web standards as well as the specific features of the iPhone and iPad. You'll learn about WebKit and Mobile Safari, HTML5 and CSS3, vector graphics and multimedia support. You'll discover the built-in hardware features of the iPhone and iPad and how best to take advantage of them. The market for web apps for the iPhone and iPad is expanding rapidly. You'll want to know about all the advantages, and Beginning iPhone & iPad Web Apps is the perfect starting point.

Professional ASP.NET Design Patterns

ASP.NET MVC 4 Recipes is a practical guide for developers creating modern web applications, cutting through the complexities of ASP.NET, jQuery, Knockout.js and HTML 5 to provide straightforward solutions to common web development problems using proven methods based on best practices. The problem-solution

approach gets you in, out, and back to work quickly while deepening your understanding of the underlying platform and how to develop with it. Author John Ciliberti guides you through the framework and development tools, presenting typical challenges, along with code solutions and clear, concise explanations, to accelerate application development. Inside you will find recipes dealing with streamlined syntax, full control over HTML, a simple API for creating RESTful web services, writing support for test driven development, and more. Solve problems immediately by pasting in code from the recipes, or put multiple recipe solutions together to overcome challenging development obstacles. Dive head first into ASP.NET MVC web development with ASP.NET MVC 4 Recipes.

Designing Web Navigation

Do you want to build web pages but have no prior experience? This friendly guide is the perfect place to start. You'll begin at square one, learning how the web and web pages work, and then steadily build from there. By the end of the book, you'll have the skills to create a simple site with multicolumn pages that adapt for mobile devices. Each chapter provides exercises to help you learn various techniques and short quizzes to make sure you understand key concepts. This thoroughly revised edition is ideal for students and professionals of all backgrounds and skill levels. It is simple and clear enough for beginners, yet thorough enough to be a useful reference for experienced developers keeping their skills up to date. Build HTML

pages with text, links, images, tables, and forms Use style sheets (CSS) for colors, backgrounds, formatting text, page layout, and even simple animation effects Learn how JavaScript works and why the language is so important in web design Create and optimize web images so they'll download as quickly as possible NEW! Use CSS Flexbox and Grid for sophisticated and flexible page layout NEW! Learn the ins and outs of Responsive Web Design to make web pages look great on all devices NEW! Become familiar with the command line, Git, and other tools in the modern web developer's toolkit NEW! Get to know the super-powers of SVG graphics

Global Outsourcing with Microsoft Visual Studio 2005 Team System

What is this book about? Extensible Markup Language (XML) is a rapidly maturing technology with powerful real-world applications, particularly for the management, display, and organization of data. Together with its many related technologies it is an essential technology for anyone using markup languages on the web or internally. This book teaches you all you need to know about XML — what it is, how it works, what technologies surround it, and how it can best be used in a variety of situations, from simple data transfer to using XML in your web pages. It builds on the strengths of the first edition, and provides new material to reflect the changes

in the XML landscape — notably SOAP and Web Services, and the publication of the XML Schemas Recommendation by the W3C. What does this book cover? Here are just a few of the things this book covers: XML syntax and writing well-formed XML Using XML Namespaces Transforming XML into other formats with XSLT XPath and XPointer for locating specific XML data XML Validation using DTDs and XML Schemas Manipulating XML documents with the DOM and SAX 2.0 SOAP and Web Services Displaying XML using CSS and XSL Incorporating XML into tradition databases and n-tier architectures XLink and XPointer for linking XML and non-XML resources Who is this book for? Beginning XML, 2nd Edition is for any developer who is interested in learning to use XML in web, e-commerce or data-storage applications. Some knowledge of mark up, scripting, and/or object oriented programming languages is advantageous, but not essential, as the basis of these techniques are explained as required.

Software Engineering

Thoroughly reviewed and eagerly anticipated by the agile community, User Stories Applied offers a requirements process that saves time, eliminates rework, and leads directly to better software. The best way to build software that meets users' needs is to begin with "user stories": simple, clear, brief descriptions of functionality that will be valuable to real users. In User Stories Applied, Mike Cohn provides you with a front-to-back blueprint for writing these user stories and

weaving them into your development lifecycle. You'll learn what makes a great user story, and what makes a bad one. You'll discover practical ways to gather user stories, even when you can't speak with your users. Then, once you've compiled your user stories, Cohn shows how to organize them, prioritize them, and use them for planning, management, and testing. User role modeling: understanding what users have in common, and where they differ Gathering stories: user interviewing, questionnaires, observation, and workshops Working with managers, trainers, salespeople and other "proxies" Writing user stories for acceptance testing Using stories to prioritize, set schedules, and estimate release costs Includes end-of-chapter practice questions and exercises User Stories Applied will be invaluable to every software developer, tester, analyst, and manager working with any agile method: XP, Scrum or even your own home-grown approach.

A Guide to the Business Analysis Body of Knowledger

Thoroughly rewritten for today's web environment, this bestselling book offers a fresh look at a fundamental topic of web site development: navigation design. Amid all the changes to the Web in the past decade, and all the hype about Web 2.0 and various "rich" interactive technologies, the basic problems of creating a good web navigation system remain. Designing Web Navigation demonstrates that good navigation is not about technology-it's about the ways people find information, and how you guide them. Ideal for beginning to intermediate web

designers, managers, other non-designers, and web development pros looking for another perspective, Designing Web Navigation offers basic design principles, development techniques and practical advice, with real-world examples and essential concepts seamlessly folded in. How does your web site serve your business objectives? How does it meet a user's needs? You'll learn that navigation design touches most other aspects of web site development. This book: Provides the foundations of web navigation and offers a framework for navigation design Paints a broad picture of web navigation and basic human information behavior Demonstrates how navigation reflects brand and affects site credibility Helps you understand the problem you're trying to solve before you set out to design Thoroughly reviews the mechanisms and different types of navigation Explores "information scent" and "information shape" Explains "persuasive" architecture and other design concepts Covers special contexts, such as navigation design for web applications Includes an entire chapter on tagging While Designing Web Navigation focuses on creating navigation systems for large, information-rich sites serving a business purpose, the principles and techniques in the book also apply to small sites. Well researched and cited, this book serves as an excellent reference on the topic, as well as a superb teaching guide. Each chapter ends with suggested reading and a set of questions that offer exercises for experiencing the concepts in action.

MySQL and JSP Web Applications

Beginning iPhone and iPad Web Apps

Conallen introduces architects and designers and client/server systems to issues and techniques of developing software for the Web. He expects readers to be familiar with object-oriented principles and concepts, particularly with UML (unified modeling language), and at least one Web application architecture or environment. The second edition incorporates both technical developments and his experience since 1999. He does not provide a bibliography. Annotation copyrighted by Book News, Inc., Portland, OR

Business Analysis For Dummies

Build new Access cloud web apps and migrate desktop databases to the cloud This is your complete, practical guide to creating Microsoft Access web apps and migrating existing databases to the cloud. Access MVP Andrew Couch guides you through the entire web app life cycle, from design through deployment and upgrades. After introducing Microsoft Office 365 and the web app development environment, he reviews key issues associated with moving data into a web app or creating cloud apps with new data. Next, he drills down into app construction, from table design to integration. You'll learn how to extend Access with Microsoft Azure

SQL, PowerPivot, Visual Studio 2013, SQL Server Reporting Services (SSRS), and Apps for Office, and master important new enhancements in Office 365 SP1. Learn best practices and techniques to: Capitalize on key Office 365 features in your Access web apps Design and integrate all the features of Access web apps Make your desktop databases compatible with web app table structures Implement and test business rules by using the Macro Programming Tools Understand how your app design translates to objects in the cloud-based Azure SQL Database Use Microsoft SQL Server Management Studio (SSMS) to connect with and manage web apps Improve reporting with PowerPivot, Visual Studio 2013, and SSRS Extend Access web apps with Apps for Office features Capitalize on Office 365 SP1 improvements in change deployment, intellectual property protection, and integration Get all code samples, including complete apps, at: http://aka.ms/AccessApps/files About This Book For experienced Access developers who want a deep understanding of web app design and implementation For new web app developers who want to develop Access web apps with Office 365

Android Wireless Application Development, Portable Documents

Web Application Development with PHP 4.0

REA's Quick Access Study Charts contain all the information students, teachers, and professionals need in one handy reference. They provide quick, easy access to important facts. The charts contain commonly used math formulas, historical facts, language conjugations, vocabulary and more! Great for exams, classroom reference, or a quick refresher on the subject.

Java Server Programming Java Ee5 Black Book, Platinum Ed (With Cd)

Have you ever needed to share processing between two or more computers running programs written in different languages on different operating systems? Or have you ever wanted to publish information on the Web so that programs other than browsers could work with it? XML-RPC, a system for remote procedure calls built on XML and the ubiquitous HTTP protocol, is the solution you've been looking for.Programming Web Services with XML-RPC introduces the simple but powerful capabilities of XML-RPC, which lets you connect programs running on different computers with a minimum of fuss, by wrapping procedure calls in XML and establishing simple pathways for calling functions. With XML-RPC, Java programs can talk to Perl scripts, which can talk to Python programs, ASP applications, and so on. You can provide access to procedure calls without having to worry about the system on the other end, so it's easy to create services that are available on the

Web.XML-RPC isn't the only solution for web services; the Simple Object Access Protocol (SOAP) is another much-hyped protocol for implementing web services. While XML-RPC provides fewer capabilities than SOAP, it also has far fewer interoperability problems and its capabilities and limitations are much better understood. XML-RPC is also stable, with over 30 implementations on a wide variety of platforms, so you can start doing real work with it immediately.Programming Web Services with XML-RPC covers the details of five XML-RPC implementations, so you can get started developing distributed applications in Java, Perl, Python, ASP, or PHP. The chapters on these implementations contain code examples that you can use as the basis for your own work. This book also provides in-depth coverage of the XML-RPC specification, which is helpful for low-level debugging of XML-RPC clients and servers. And if you want to build your own XML-RPC implementation for another environment, the detailed explanations in this book will serve as a foundation for that work.

Struts

Design patterns are time-tested solutions to recurring problems, letting the designer build programs on solutions that have already proved effective Provides developers with more than a dozen ASP.NET examples showing standard design patterns and how using them helpsbuild a richer understanding of ASP.NET architecture, as well as better ASP.NET applications Builds a solid understanding of

ASP.NET architecture that can be used over and over again in many projects Covers ASP.NET code to implement many standard patterns including Model-View-Controller (MVC), ETL, Master-Master Snapshot, Master-Slave-Snapshot, Façade, Singleton, Factory, Single Access Point, Roles, Limited View, observer, page controller, common communication patterns, and more

User Stories Applied

An in-depth examination of the core concepts and general principles of Web application development. This book uses examples from specific technologies (e.g., servlet API or XSL), without promoting or endorsing particular platforms or APIs. Such knowledge is critical when designing and debugging complex systems. This conceptual understanding makes it easier to learn new APIs that arise in the rapidly changing Internet environment. * Includes discussions of markup languages: HTML, the eXtensible Markup Language (XML), XHTML, eXtensible Stylesheet Language (XSL), and Cascading Style Sheets (CSS) * Contains exercises geared to constructing an advanced XML application that makes use of XML and XSL parsers * Explores emerging technologies: Java 2 Enterprise Edition (J2EE), industry-specific XML standards, Resource Description Framework (RDF), and XML query languages

A Guide to the Project Management Body of Knowledge (PMBOK(R) Guide-Sixth Edition / Agile Practice Guide Bundle (HINDI)

Reusable components and patterns for Ajax-driven applications Ajax is one of the latest and greatest ways to improve users' online experience and create new and innovative web functionality. By allowing specific parts of a web page to be displayed without refreshing the entire page, Ajax significantly enhances the experience of web applications. It also lets web developers create intuitive and innovative interaction processes. Ajax for Web Application Developers provides the in-depth working knowledge of Ajax that web developers need to take their web applications to the next level. The book shows how to create an Ajax-driven web application from an object-oriented perspective, and it includes discussion of several useful Ajax design patterns. This detailed guide covers the creation of connections to a MySQL database with PHP 5 via a custom Ajax engine and shows how to gracefully format the response with CSS, JavaScript, and XHTML while keeping the data tightly secure. It also covers the use of four custom Ajax-enabled components in an application and how to create each of them from scratch. The final section of the book combines the individual code examples and techniques from earlier chapters of the book into one larger, Ajax-driven application—an internal web mail application that can be used in any user-based application, such

as a community-based web application. Readers will learn not only how to create and use their own reusable Ajax components in this application but also how to connect their components to any future Ajax applications that they might build. Web Development/Ajax/JavaScript

Professional JSP site design

Get cookin' with Dreamweaver MX using this unique and compelling cookbook filled with ready-to-use Web solutions. Featuring a full menu of extensions, commands, and applications -- including ASP and ColdFusion -- this book will help you deploy dynamic and sophisticated Web applications instantly and expertly.

Beginning XML

Explains how to build applications with Jakarta Struts, discusses the development framework and its architecture, and provides sample applications.

Progressive Web Application Development by Example

Get off the ground with Apple's revolutionary iCloud file storage system How to Do Everything: iCloud makes it easy to wirelessly sync, store, and access your favorite

files and data. Learn the basics of cloud computing and what you'll need to start using iCloud. Within minutes you'll be using iCloud to effortlessly share and sync iTunes, App Store, and iBookshop purchases; documents, files, and photos; iCal, Address Book data, and more--among all your Mac computers and iOS devices that are linked to the same iCloud account. This step-by-step guide helps you maximize all the powerful and versatile features of iCloud so you can get even more function and enjoyment from your iPad, iPhone, and Mac. Plus, you can easily transfer data, content, documents, and files between your Windows-based PC and Apple iOS devices. Configure and use iCloud Migrate existing Apple MobileMe accounts Evaluate and select the best online storage and music service alternatives to iTunes and iCloud Wirelessly back up your iPhone & iPad using iCloud Use Photo Stream to store, manage, and view digital photos on any computer or iOS device Sync and share iOS apps and app-related data Use iOS devices to stream content to your TV Troubleshoot and solve problems related to using iCloud

Quick Access

Exchange 2000 gives developers unprecedented power for building Web-centered collaborative applications -- but it also challenges them with unprecedented complexity. In this book, a world-class team of Exchange developers presents detailed insights, extensive code examples, proven tips for success, and two start-to-finish application case studies -- all designed to help Exchange 2000 developers

achieve powerful results with any project. Developing Applications with Exchange 2000 helps developers master every Exchange 2000 development technology, including XML, WebDAV, CDO 3.0, ADO 2.5, OLE DB, ADSI, the Outlook object model, digital dashboards, Exchange 2000's Web Storage System, and more. The authors identify the key difficulties associated with Exchange 2000 development, and offer proven techniques for avoiding or managing these challenges. For all developers, architects, project leaders, and IT managers building applications with Microsoft Exchange 2000. "A companion website will contain all the sample code, plus additional updates and features."

Pro Android Web Apps

Many bookstores offer numerous choices of books on Java Server Programming; however, most of these books are intricate and complex to grasp. So, what are your chances of picking up the right one? If this question has been troubling you, be rest assured now! This book, Java Server Programming: Java EE 5 (J2EE 1.5) Black Book, Platinum Edition, is a one-time reference book that covers all aspects of Java EE in an easy-to-understand approach for example, how an application server runs; how GlassFish Application server deploys a Java application; a complete know-how of design patterns, best practices, and design strategies; working with Java related technologies such as NetBeans IDE 6.0, Hibernate, Spring, and Seam frameworks; and proven solutions using the key Java EE

technologies, such as JDBC, Servlets, JSP, JSTL, RMI, JNDI, JavaMail, Web services, JCA, Struts, JSF, UML, and much more& All this, as the book explores these concepts with appropriate examples and executable applications no doubt, every aspect of the book is worth its price.

The Joy of Dreamweaver MX: Recipes for Data-Driven Web Sites

Your go-to guide on business analysis Business analysis refers to the set of tasks and activities thathelp companies determine their objectives for meeting certainopportunities or addressing challenges and then help them definesolutions to meet those objectives. Those engaged in businessanalysis are charged with identifying the activities that enablethe company to define the business problem or opportunity, definewhat the solutions looks like, and define how it should behave inthe end. As a BA, you lay out the plans for the processahead. Business Analysis For Dummies is the go to reference onhow to make the complex topic of business analysis easy tounderstand. Whether you are new or have experience with businessanalysis, this book gives you the tools, techniques, tips andtricks to set your project's expectations and on the path tosuccess. Offers guidance on how to make an impact in your organizationby performing business analysis Shows you the tools and techniques to be an effective businessanalysis professional Provides

a number of examples on how to perform businessanalysis regardless of your role If you're interested in learning about the tools and techniquesused by successful business analysis professionals, BusinessAnalysis For Dummies has you covered.

Web Database Applications with PHP and MySQL

"Business analysis involves understanding how organizations function to accomplish their purposes and defining the capabilities an organization requires to provide products and services to external stakeholders. [This guide contains] a framework that describes the business analysis tasks that must be performed in order to understand how a solution will deliver value to the sponsoring organization." - page 3.

Software & Systems Requirements Engineering: In Practice

Provides guidelines on how to effectively manage outsourced projects.

MLA Handbook for Writers of Research Papers

JSP developers encounter unique problems when building web applications that require intense database connectivity. MySQL and JSP Web Applications addresses

the challenges of building data-driven applications based on the JavaServer Pages development model. MySQL and JSP Web Applications begins with an overview of the core technologies required for JSP database development--JavaServer Pages, JDBC, and the database schema. The book then outlines and presents an Internet commerce application that demonstrates concepts such as receiving and processing user input, designing and implementing business rules, and balancing the user load on the server. Through the JDBC (Java DataBase Connector), the developer can communicate with most commercial databases, such as Oracle. The solutions presented in MySQL and JSP Web Applications center on the open source tools MySQL and Tomcat, allowing the reader an affordable way to test applications and experiment with the book's examples.

The Definitive Guide to Quality Application Delivery

As new concepts such as virtualization, cloud computing, and web applications continue to emerge, XML has begun to assume the role as the universal language for communication among contrasting systems that grow throughout the internet. Innovations in XML Applications and Metadata Management: Advancing Technologies addresses the functionality between XML and its related technologies towards application development based on previous concepts. This book aims to highlights the variety of purposes for XML applications and how the technology development brings together advancements in the virtual world.

Learning Web Design

The start-to-finish guide to Android application development: massively updated for the newest SDKs and developer techniques! This book delivers all the up-to-date information, tested code, and best practices you need to create and market successful mobile apps with the latest versions of Android. Drawing on their extensive experience with mobile and wireless development, Lauren Darcey and Shane Conder cover every step: concept, design, coding, testing, packaging, and delivery. The authors introduce the Android platform, explain the principles of effective Android application design, and present today's best practices for crafting effective user interfaces. Next, they offer detailed coverage of each key Android API, including data storage, networking, telephony, location-based services, multimedia, 3D graphics, and hardware. Every chapter of this edition has been updated for the newest Android SDKs, tools, utilities, and hardware. All sample code has been overhauled and tested on leading devices from multiple companies, including HTC, Motorola, and ARCHOS. Many new examples have been added, including complete new applications. This new edition also adds Nine new chapters covering web APIs, the Android NDK, extending application reach, managing users, data synchronization, backups, advanced user input, and more Greatly expanded coverage of Android manifest files, content providers, app design, and testing New coverage of hot topics like Bluetooth, gestures, voice recognition, App Widgets, live folders, live wallpapers, and global search Updated 3D graphics programming

coverage reflecting OpenGL ES 2.0 An all-new chapter on tackling cross-device compatibility issues, from designing for the smallest phones to the big new tablets hitting the market Even more tips and tricks to help you design, develop, and test applications for different devices A new appendix full of Eclipse tips and tricks This book is an indispensable resource for every member of the Android development team: software developers with all levels of mobile experience, team leaders and project managers, testers and QA specialists, software architects, and even marketers.

ASP.NET MVC 4 Recipes

Leverage the full potential of the web to make your web sites better than native applications for every platform. Key Features Explore different models and patterns required to develop progressive web applications Create applications requiring shorter runtime for attracting more users Study different projects to understand the fundamentals of progressive web applications Book Description Are you a developer that wants to create truly cross-platform user experiences with a minimal footprint, free of store restrictions and features customers want? Then you need to get to grips with Progressive Web Applications (PWAs), a perfect amalgamation of web and mobile applications with a blazing-fast response time. Progressive Web Application Development by Example helps you explore concepts of the PWA development by enabling you to develop three projects, starting with a

2048 game. In this game, you will review parts of a web manifest file and understand how a browser uses properties to define the home screen experience. You will then move on to learning how to develop and use a podcast client and be introduced to service workers. The application will demonstrate how service workers are registered and updated. In addition to this, you will review a caching API so that you have a firm understanding of how to use the cache within a service worker, and you'll discover core caching strategies and how to code them within a service worker. Finally, you will study how to build a tickets application, wherein you'll apply advanced service worker techniques, such as cache invalidation. Also, you'll learn about tools you can use to validate your applications and scaffold them for quality and consistency. By the end of the book, you will have walked through browser developer tools, node modules, and online tools for creating high-quality PWAs. What you will learn Explore the core principles of PWAs Study the three main technical requirements of PWAs Discover enhancing requirements to make PWAs transcend native apps and traditional websites Create and install PWAs on common websites with a given HTTPS as the core requirement Get acquainted with the service worker life cycle Define service worker caching patterns Apply caching strategies to three different website scenarios Implement best practices for web performance Who this book is for Progressive Web Application Development by Example is for you if you're a web developer or front-end designer who wants to ensure improved user experiences. If you are an application developer with knowledge of HTML, CSS, and JavaScript, this book will help you enhance your skills

in order to develop progressive web applications, the future of app development.

Extend Microsoft Access Applications to the Cloud

In April 1991 BusinessWeek ran a cover story entitled, â€œI Can't Work This ?#!!@ Thing,â€ about the difficulties many people have with consumer products, such as cell phones and VCRs. More than 15 years later, the situation is much the sameâ€"-but at a very different level of scale. The disconnect between people and technology has had society-wide consequences in the large-scale system accidents from major human error, such as those at Three Mile Island and in Chernobyl. To prevent both the individually annoying and nationally significant consequences, human capabilities and needs must be considered early and throughout system design and development. One challenge for such consideration has been providing the background and data needed for the seamless integration of humans into the design process from various perspectives: human factors engineering, manpower, personnel, training, safety and health, and, in the military, habitability and survivability. This collection of development activities has come to be called human-system integration (HSI). Human-System Integration in the System Development Process reviews in detail more than 20 categories of HSI methods to provide invaluable guidance and information for system designers and developers.

Mastering Software Project Requirements

Love is the surprising emotion that company builders cannot afford to ignore. Genuine, heartfelt devotion and loyalty from customers — yes, love — is what propels a select few companies ahead. Think about the products and companies that you really care about and how they make you feel. You do not merely likethose products, you adore them. Consider your own emotions and a key insight is revealed: Love is central to business. Nobody talks about it, but it is obvious in hindsight. Lovability: How to Build a Business That People Love and Be Happy Doing It shares what Silicon Valley-based author and Aha! CEO Brian de Haaff knows from a career of founding successful technology companies and creating award-winning products. He reveals the secret to the phenomenal growth of Aha! and the engine that powers lasting customer devotion — a set of principles that he pioneered and named The Responsive Method. Lovability provides valuable lessons and actionable steps for product and company builders everywhere, including: • Why you should rethink everything you know about building a business • What a product really is • The magic of finding what your customers truly desire • How to turn business strategy and product roadmaps into customer love • Why you should chase company value, not valuation • Surveys to measure your company's lovability Brian de Haaff has spent the last 20 years focused on business strategy, product management, and bringing disruptive technologies to market. And in preparation for writing this book, he interviewed well-known startup founders,

product managers, executives, and CEOs at hundreds of name brand and agile organizations. Their experiences, along with headline-grabbing case studies (both inspiring successes and cautionary tales), will help readers discover how to build something that matters. Much has been written about how entrepreneurs build innovative products and successful businesses, but the author's message is original and refreshing. He convincingly explains that there is a better path forward — a people-first way grounded in love. In a business world that has increasingly emphasized hype over substance and get-big-at-any-cost thinking over profitable and sustainable growth, it's time for a new recipe for company success. Insightful, thought-provoking, and sometimes controversial, Lovability is the book that you turn to when you know there has to be a better way.

Programming Web Services with XML-RPC

This book is a concise step-by-step guide to building and establishing the frameworks and models for the effective management and development of software requirements. It describes what great requirements must look like and who the real audience is for documentation. It then explains how to generate consistent, complete, and accurate requirements in exacting detail following a simple formula across the full life cycle from vague concept to detailed design-ready specifications. Mastering Software Project Requirements will enable business analysts and project managers to decompose high-level solutions into granular

requirements and to elevate their performance through due diligence and the use of better techniques to meet the particular needs of a given project without sacrificing quality, scope, or project schedules. J. Ross Publishing offers an add-on at a nominal cost — Downloadable, customizable tools and templates ready for immediate implementation.

Programming The Web

Provides guidelines and examples for handling research, outlining, spelling, punctuation, formatting, and documentation.

Web Application Design Handbook

Combines language tutorials with application design advice to cover the PHP server-side scripting language and the MySQL database engine.

Ajax for Web Application Developers

To support the broadening spectrum of project delivery approaches, PMI is offering A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Sixth Edition as a bundle with its latest, the Agile Practice Guide. The PMBOK® Guide –

Sixth Edition now contains detailed information about agile; while the Agile Practice Guide, created in partnership with Agile Alliance®, serves as a bridge to connect waterfall and agile. Together they are a powerful tool for project managers. The PMBOK® Guide – Sixth Edition – PMI's flagship publication has been updated to reflect the latest good practices in project management. New to the Sixth Edition, each knowledge area will contain a section entitled Approaches for Agile, Iterative and Adaptive Environments, describing how these practices integrate in project settings. It will also contain more emphasis on strategic and business knowledge—including discussion of project management business documents—and information on the PMI Talent Triangle™ and the essential skills for success in today's market. Agile Practice Guide has been developed as a resource to understand, evaluate, and use agile and hybrid agile approaches. This practice guide provides guidance on when, where, and how to apply agile approaches and provides practical tools for practitioners and organizations wanting to increase agility. This practice guide is aligned with other PMI standards, including A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Sixth Edition, and was developed as the result of collaboration between the Project Management Institute and the Agile Alliance.

How to Do Everything iCloud

Proven Software & Systems Requirements Engineering Techniques "Requirements

engineering is a discipline used primarily for large and complex applications. It is more formal than normal methods of gathering requirements, and this formality is needed for many large applications. The authors are experienced requirements engineers, and this book is a good compendium of sound advice based on practical experience." --Capers Jones, Chief Scientist Emeritus, Software Productivity Research Deliver feature-rich products faster, cheaper, and more reliably using state-of-the-art SSRE methods and modeling procedures. Written by global experts, Software & Systems Requirements Engineering: In Practice explains how to effectively manage project objectives and user needs across the entire development lifecycle. Gather functional and quality attribute requirements, work with models, perform system tests, and verify compliance. You will also learn how to mitigate risks, avoid requirements creep, and sidestep the pitfalls associated with large, complex projects. Define and prioritize customer expectations using taxonomies Elicit and analyze functional and quality attribute requirements Develop artifact models, meta-models, and prototypes Manage platform and product line development requirements Derive and generate test cases from UML activity diagrams Deploy validation, verification, and rapid development procedures Handle RE for globally distributed software and system development projects Perform hazard analysis, risk assessment, and threat modeling

Web Application Architecture

Developing applications for Android and other mobile devices using web technologies is now well within reach. When the capabilities of HTML5 are combined with CSS3 and JavaScript, web application developers have an opportunity to develop compelling mobile applications using familiar tools. Not only is it possible to build mobile web apps that feel as good as native apps, but to also write an application once and have it run a variety of different devices. While the HTML5 specification is still evolving, there is a lot that can be used right now to build mobile web apps. Mobile web apps are now starting to provide many of the features that were once only available to native-language-based apps in Java, Objective-C, etc. Pro Android Web Apps teaches developers already familiar with web application development, how to code and structure a web app for use on the Android mobile platform. Understand both the why and how of mobile web app development, focusing on the Android platform. Learn how to structure mobile web apps through a number of practical, real-world application examples. Discover what cloud platforms such as Google AppEngine have to offer Android web apps, for both hosting web apps and providing device to cloud data synchronization solutions. Get a real picture of the status of HTML5 on Android and other mobile devices, including some things to watch out for when building your own applications. Understand the capabilities of the web application stack, and how to complement those with native bridging frameworks such as PhoneGap to access native features of the device. Gain an understanding of the different UI frameworks that are available for building mobile web apps. Learn how to include mapping and

leverage location-based services in mobile web apps to create engaging mobile experiences. Enable social integration with your Android web app and gain access to millions of potential users. After reading this book, you will not only have a greater understanding of the world of web apps on Android, but also how to leverage additional tools and frameworks to increase the reach of your mobile web apps. Additionally, through the practical samples in the book you will have been given solid exposure of where both the opportunities and challenges lie when building mobile apps the web way.

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