Web Application Requirements Document Template

This certification is for Sun Certified Programmers for Java 2 Platform who are using servlet and JavaServer Pages APIs to develop Web applications using the Java 2 Platform, Enterprise Edition. This book focuses on exactly what readers need to get certified now--featuring test-taking strategies, timesaving study tips, and a special Cram Sheet that includes tips, acronyms, and memory joggers that are not available anywhere else.

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

This guide for Web developers and database programmers shows how to build robust XML applications backed by SQL databases. After an overview of advantages of XML and SQL, stages of application development are detailed step-by-step, illustrated with examples of when and how each technology is most effective. Coverage includes project definition, data modeling, database schema design, and Java programming with XML and SQL. The book is intended for software developers managing small- to medium-scale projects. Appelquist is a technology consultant in content management and e-business strategy. Annotation copyrighted by Book News, Inc., Portland, OR.

This book gives a unique account of the emerging field of Web engineering by presenting 25 thoroughly reviewed papers drawn from two recent workshops on the

topic together with introductory and motivating surveys and a list of Web engineering resources in chapters on - Web engineering: introduction and perspectives - Web-based system development: process and methodology - Managing information on the Web - Development tools, skills, and case studies - Performance, testing, and Web metrices - Web maintenance and reuseThe book will appeal equally to researchers, students, professionals and practitioners in industry interested in developing, maintaining, and using advanced Web-based systems and applications.

The Web is a globalinformationspace consistingoflinked documents andlinked data. As the Web continues to grow and new technologies, modes of interaction, and applications are being developed, the task of the Semantic Web is to unlock the power of information available on the Web into a common semantic inf- mation space and to make it available for sharing and processing by automated tools as well as by people. Right now, the publication of large datasets on the Web, the opening of data access interfaces, and the encoding of the semantics of the data extend the current human-centric Web. Now, the Semantic Web c- munity is tackling the challenges of how to create and manage Semantic Web content, how to make Semantic Web applications robust and scalable, and how to organize and integrate information from di?erent sources for novel uses. To foster the exchange of ideas and collaboration, the International Semantic Web Conference brings together researchers and practitioners in relevant disciplines such as arti?cial intelligence, databases, social networks,

distributed computing, Web engineering, information systems, natural language processing, soft c- puting, and human–computer interaction. This volume contains the main proceedings of ISWC 2008, which we are - cited to o?er to the growing community of researchers and practitioners of the Semantic Web. We got a tremendous response to our call for research papers from a truly international community of researchers and practitioners from 41 countries submitting 261 papers. Each paper receivedan averageof 3.

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

Towards the Knowledge Society is a state-of-the-art book covering innovative trends in the design, implementation and dissemination of eCommerce, eBusiness, and eGovernment. The book contains recent results of research and development in the areas of: - eGoverment; | - eMarkets; - eLearning; - eBusiness (B2B and B2C); - Trust, Security and Fraud; - Public Services and Health; - Design of I.S., Web and Technology Systems; - Applications and Procedures for eCommerce/eBusiness. Towards the

Knowledge Society comprises the proceedings of I3E 2002, the Second International Conference on eCommerce, eBusiness, eGovernment, which was sponsored by the International Federation for Information Processing (IFIP) and held in Lisbon, Portugal in October 2002.

This book constitutes the refereed proceedings of UNISCON 2008 held in Klagenfurt, Austria, during April 22-25, 2008. UNISCON combines the ECOMO workshop series and the ISTA conference series. The 19 papers dealing with conceptual modeling, model-driven software development and information systems applications represent a 30% selection from the original set of submissions. They are completed by two keynote lectures and 35 papers from internationally renowned researchers, invited in honor of Heinrich C. Mayr, whose 60th birthday is also celebrated at this event, that he originally created.

Learn application security from the very start, with this comprehensive and approachable guide! Alice and Bob Learn Application Security is an accessible and thorough resource for anyone seeking to incorporate, from the beginning of the System Development Life Cycle, best security practices in software development. This book covers all the basic subjects such as threat modeling and security testing, but also dives deep into more complex and advanced topics for securing modern software systems and architectures. Throughout, the book

offers analogies, stories of the characters Alice and Bob, real-life examples, technical explanations and diagrams to ensure maximum clarity of the many abstract and complicated subjects. Topics include: · Secure requirements, design, coding, and deployment · Security Testing (all forms) · Common Pitfalls · Application Security Programs · Securing Modern Applications · Software Developer Security Hygiene Alice and Bob Learn Application Security is perfect for aspiring application security engineers and practicing software developers, as well as software project managers, penetration testers, and chief information security officers who seek to build or improve their application security programs. Alice and Bob Learn Application Security illustrates all the included concepts with easy-to-understand examples and concrete practical applications, furthering the reader's ability to grasp and retain the foundational and advanced topics contained within.

The Internet Encyclopedia in a 3-volume reference work on the internet as a business tool, IT platform, and communications and commerce medium.

A step-by-step book and eBook guide for web application development and quick tips to enhance applications using Lotus Domino.

Now readers can master Microsoft Visual Basic with the step-by-step, visual approach and professional programming opportunities in MICROSOFT VISUAL

BASIC 2015 FOR WINDOWS, WEB, WINDOWS STORE, AND DATABASE APPLICATIONS: COMPREHENSIVE. This book's innovative step-by-step approach blends demonstrations of professional-quality programs with in-depth discussions of programming concepts and techniques. Reader have numerous opportunities for hands-on practice and actual programming in each chapter. The new edition retains popular features and pedagogy from this best-selling series, while emphasizing changes in today's increasingly mobile-oriented world. This book provides a strong foundation for the number one job in today's tech sector -- app development -- as readers learn Windows programming for 2015, including Windows Desktop, database, web, and Windows Store development. Chapter 12, which covers the Windows Store, will be posted online at CengageBrain.com, to provide readers with the latest updates for Windows 10. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

If you're a novice programmer and you want to learn C#, there aren't many books that will guide you. Most C# books are written for experienced C++ and Java programmers.That's why Jesse Liberty, author of the best-selling books Programming C# and Programming ASP.NET, has written an entry-level guide to C#. Written in a warm and friendly manner, Learning C# assumes no prior

programming experience, and provides a thorough introduction to Microsoft's premier .NET language. The book helps you build a solid foundation in .NET, and shows you how to apply your skills through the use of dozens of tested examples. You'll learn about the syntax and structure of the C# language, including operators, classes and interfaces, structs, arrays, and strings. Better yet, this updated edition of Learning C# has been completely revised to include the latest additions to the C# language plus a variety of learning aids to help lock-in new knowledge and skills. Here's what's new: Extensive revisions to the text and examples to reflect C# 2005 and .NET 2.0 changes An introduction to Visual Studio 2005, the most popular tool for building Windows and web applications More than 200 questions and fully debugged programming exercises with solutions A greater emphasis on event handling New coverage of generics, generic collections, partial classes, anonymous methods and more. By the time you've finished Learning C#, you'll be ready to move on to a more advanced programming guide that will help you create large-scale web and Windows applications. Whether you have a little object-oriented programming experience or you are new to programming altogether, Learning C# will set you firmly on your way to mastering the essentials of the C# language.
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 highly successful security book returns with a new edition, completely updated Web applications are the front door to most organizations, exposing them to attacks that may disclose personal information, execute fraudulent transactions, or compromise ordinary users. This practical book has been completely updated and revised to discuss the latest step-by-step techniques for attacking and defending the range of ever-evolving web applications. You'll

explore the various new technologies employed in web applications that have appeared since the first edition and review the new attack techniques that have been developed, particularly in relation to the client side. Reveals how to overcome the new technologies and techniques aimed at defending web applications against attacks that have appeared since the previous edition Discusses new remoting frameworks, HTML5, cross-domain integration techniques, UI redress, framebusting, HTTP parameter pollution, hybrid file attacks, and more Features a companion web site hosted by the authors that allows readers to try out the attacks described, gives answers to the questions that are posed at the end of each chapter, and provides a summarized methodology and checklist of tasks Focusing on the areas of web application security where things have changed in recent years, this book is the most current resource on the critical topic of discovering, exploiting, and preventing web application security flaws. Also available as a set with, CEHv8: Certified Hacker Version 8 Study Guide, Ethical Hacking and Web Hacking Set, 9781119072171. Pro Web Project Management is a collection of hard-won lessons the authors have learned managing modern web projects with small and medium budgets in a consulting environment. This isn't a book about project management theory. Pro Web Project Management tells how to create real deliverables, get answers

from indecisive clients, manage wayward programmers, and use checklists to wow clients. This book is made up of real examples, real lessons, real documents, and real tips woven together into a step-by-step walkthrough of a project's life cycle. Pro Web Project Management is written for both the full-time project manager and the aspiring project manager who might have a role that blends client support, web development, and project management. The project budget sweet spot for this book is $50,000 to $500,000. If you manage a project in this space, reading this book will make you a better project manager. Learn how to manage a modern web project with a budget of $50,000 to $500,000 Get actionable tips on dealing with real project management challenges Learn the simple, defined process—refined over the years—to take simple and complex projects from proposal to successful launch

Shelf category: Software Engineering Mastering the Requirements ProcessSuzanne Robertson & James Robertson Delivering the software that your customer really wants. "Mastering the Requirements Process and the Volere specification template are real breakthroughs. They introduce the beginnings of science to a domain which had, up till now, been ruled by craft." Tom DeMarcoIt is widely recognized that incorrect requirements account for up to 60% of errors in software products, and yet the majority of software development organizations

do not have a formal requirements process. Many organizations appear willing to spend huge amounts on fixing and altering badly-specified software, but seem unwilling to invest a much smaller amount to get the requirements right in the first place. This is a book for those who want to get the right requirements. Mastering the Requirements Process sets out an industry-tested process for gathering and verifying requirements. It provides the techniques and insights for discovering precisely what the customer wants and needs. "Mastering the Requirements Process shows, step by step, template by template, example by example, one well-tested way to assemble a complete, comprehensive requirements process." Gerald WeinbergThe specification template in this book provides the basis for your own requirements specifications. It guides you to the correct specification content as each part of the process reveals different aspects of the products functionality and properties. This book shows you how to make the requirement measurable and testable. By providing a measurement a fit criterion for each requirement, the requirements analyst can describe precisely what the customerwants, the designer can construct a product that exactly matches the requirement, and the tester can determine whether or not the final solution satisfies the requirement."The Robertsons" concept of fit criteria is all by itself worth the investment of your time to read the whole book. Fit criteria and the

allied discipline of quality gateways enable you to build requirement sets that are measurable, provably correct and testibly complete." Tom DeMarcoFeatures:7 The Volere requirements process completely specified with a rigorous and detailed model. 7 A specification template that can be used as the basis for your own requirements specifications. 7 The requirements shell used for bringing rigor, tracability and completeness to requirements. 7 Checklists to help identify stakeholders, users, non-functional requirements and more. 7 Trawling techniques for eliciting requirements. 7 How to exploit use cases to determine the best product to build. 7 Reusing requirements and requirements patterns. 7 Examples showing how the techniques and templates are applied in real-world situations. 7 Accessible style, fully cross-referenced, numerous diagrams.The Authors: Suzanne Robertson is a leading figure in the world of systems analysis and requirements modeling. She is the roving ambassador for the British Computer Society"s Reuse Group and is on organizing committees for the International Conference on Software Reuse and Object Technology. James Robertson brings the experience of working and consulting on requirements with several hundred companies to this book. When his busy seminar schedule permits, James advises companies on how to adapt to a world where requirements are paramount. Suzanne andJames are principals of the Atlantic

Systems Guild, an international think-tank producing numerous books and seminars that are among the most successful in the software industry.Visit Addison Wesley Longman on the World Wide Web at: http: //www.awl-he.com/computing/http: //www.com/cseng/BarcodeBack of Jacket

"This book provides a compendium of terms, definitions, and explanations of concepts in various areas of systems and design, as well as a vast collection of cutting-edge research articles from the field's leading experts"--Provided by publisher.

Intended for both undergraduate and postgraduate students of computer science and engineering, information technology, students of computer applications, and working IT professionals, this text describes the practices necessary for the development of quality software. The contents of the book have been framed based on the syllabi prescribed by different Universities and also covers the topics required for working in the IT industry. Based on the experience of the author in the industry, academics, consultancy and corporate trainings in India and abroad, the book covers the methodologies, techniques, and underlying concepts used in Software Quality Assurance and Testing. The treatment of the topics is crisp and accompanied with illustrative examples with minimum jargons. Topics of relevance in the industry, which a student must be familiar with before

start of a career, are covered in the book. The book also discusses the concepts that a working IT professional should know. The book provides an insight into the tools available for different types of testing. Each chapter contains Quizzes, Multiple Choice Questions and Review Questions which help the readers to qualify in the international certification examinations. Key features • Covers topics relevant to the industry • Concepts discussed in an easy to understand way and illustrated with practical examples and figures wherever required • Contains "Objective Questions" at the end of the book • Includes topics prescribed in international certification exams in Software Quality and Testing The Annual Asian Semantic Web Conference is one of the largest regional events in Asia with focused topics related to the Semantic Web. With the decade-round endeavor of Semantic Web believers, researchers and practitioners, the Semantic Web has made remarkable progress recently. It has raised significant attention from US and UK governments, as well as the European Commission who are willing to deploy Semantic Web technologies to enhance the transparency of eGovernment. The Linked Open Data initiative is on its way to convert the current document Web into a data Web and to further enabling various data and service mashups. The fast adoption of Semantic Web technologies in medical and life sciences has created impressive showcases to

the world. All these efforts are a crucial step toward enabling the take-off and the success of the Semantic Web. The First Asian Semantic Web Conference was successfully held in China in 2006. With the following editions in Korea in 2007 and Thailand in 2008, it fostered a regional forum for connecting researchers and triggering innovations. This year, the 4th Asian Semantic Web Conference was held in Shanghai, China. We received 63 submissions from Asia, Europe, and North America, and 25 papers were accepted (the acceptance rate is around 40%). Each submission was reviewed by at least three members of the Program Committee. The Chairs moderated the discussion of conflict reviews or invited external reviewers to reach the final decisions.

The long-awaited version of Microsoft Office for the iPad gives Office users the opportunity to use Excel, PowerPoint, and Word on their Apple tablet. In this practical, no fluff guide, author Tom Negrino gets straight to point, showing users how to get the most out of the Office apps on an iPad. Assuming you have some existing knowledge of the desktop Office apps this book focuses on maximizing your productivity on the new iPad version. After showing how to install the Office apps on your iOS and desktop devices, Tom covers how to set up OneDrive, Microsoft's cloud services for uploading and syncing files across devices. Tom then moves on to showing you how to accomplish the most common Office tasks

on the iPad, including how to create and edit documents with the touch interface. Tom also covers how to use the popular OneNote on the iPad.

A Must-Have Reference for both Business and IT Professionals! - Discover and Deal with how IT works in the real world - Understand Information People and what makes them tick - Build and maintain powerful and positive relationships between the Business and IT that move your Business forward - Create and manage effective IT teams that get the job done on time, within budget, and increase company revenue - Understand and manage the Business Politics of IT - Make sense of Business Technology and have it work for you - Get familiar with new methodologies that are influencing the future of technology - Learn to avoid the pitfalls that result in IT project failures and waste money - Inspire Business teams to focus on obtaining the unfair advantage in their industry through the intelligent and managed use of technology - Discover how to use meaningful technology to improve the quality of life of everyone who wants and needs it Hypermedia & the Web An Engineering Approach David Lowe, University of Technology, Sydney, Australia Wendy Hall, University of Southampton, UK The rich online world offered through the Web is marred by the chaos which underlies it. At the very early stages of understanding how to harness the power of this new medium, electronic document creators, managers and researchers often spend

time on technology innovations at the expense of adopting the sound engineering principles which have paid such dividends in the software industry. Hypermedio & the Web approaches interactive information (concentrating on hypertext documents) as a structure requiring management, quantification and documentation. From analysing the purpose for which a website, CD-ROM or online archive is created, assessing the characteristics and resources needed for the process of building each one, to the assessment of the end product itself, this book attempts to carve out features that are essential to the successful structuring of information in an electronic environment. This is an ambitious book charting an emerging discipline. It is an essential tool to help developers and educators shape and maintain useful and relevant electronic information. 'Hypermedia Engineering hasn't produced many tangible benefits in real-life situations, because very few people practise it. That's why the book is needed.' David Barron, Southampton University 'This book is interesting and excellently fulfills a current need [by] providing an exhaustive and up-to-date vision of the hypermedia field.' Fabio Vitali, University of Bologna 'The strength of this book is its breadth - it covers many of the issues in hypermedia with examples from the technical to the managerial. Students could use these as starting points when designing or evaluating hypermedia systems.' David Sharp, Imperial College of

Science and Technology 'Information systems developers and managers should find this a helpful guide for developing hypermedia applications.' H Ashman, University of Nottingham Visit our Website at: http://www.wiley.com/compbooks/ Use this comprehensive guide to develop flexible; cross-platform Web applications; create and test applications quickly; interface with the Oracle database seamlessly; and deploy your applications to the Web securely. -- Become efficient in both frontend and backend web development with Spring and Vue Key Features Connect application's frontend and backend with Vue, Vuex, and Spring Boot Leverage the latest web standards to enhance code performance, readability, and cross-compatibility Build secure full-stack web applications with Spring Security Book Description Building Applications with Spring 5 and Vue.js 2, with its practical approach, helps you become a full-stack web developer. As well as knowing how to write frontend and backend code, a developer has to tackle all problems encountered in the application development life cycle – starting from the simple idea of an application, to the UI and technical designs, and all the way to implementation, testing, production deployment, and monitoring. With the help of this book, you'll get to grips with Spring 5 and Vue.js 2 as you learn how to develop a web application. From the initial structuring to full deployment, you'll be guided at every step of developing a web application from

scratch with Vue.js 2 and Spring 5. You'll learn how to create different components of your application as you progress through each chapter, followed by exploring different tools in these frameworks to expedite your development cycle. By the end of this book, you'll have gained a complete understanding of the key design patterns and best practices that underpin professional full-stack web development. What you will learn Analyze requirements and design data models Develop a single-page application using Vue.js 2 and Spring 5 Practice concept, logical, and physical data modeling Design, implement, secure, and test RESTful API Add test cases to improve reliability of an application Monitor and deploy your application to production Who this book is for Building Applications with Spring 5.0 and Vue.js 2.0 is for you if you are developer who is new to Vue.js or Spring. It is assumed that you have some knowledge of HTML, CSS, and Java.

This comprehensive guide provides expert preparation for Microsoft's MCSE Exam #70-087, Implementing and Supporting Microsoft Internet Information Server 4.0. Thorough, step-by-step coverage of the exam objectives is augmented by dozens of hands-on projects to facilitate valuable practice and simulate real-life scenarios experienced by network administrators.

Get hands-on with the newest version of Dreamweaver - Macromedia®

Dreamweaver® MX 2004! Users create robust Web sites using the database features of Dreamweaver MX 2004 and explore the e-commerce capabilities of the WA PayPal eCommerce Toolkit. Students use these tools to turn the static pages of La Bonne Cuisine - a fictional online catering company ? into a powerful, interactive Web site. Develop and maintain your own exciting Web pages using Application Development with Macromedia® Dreamweaver® MX 2004, using ASP.NET!

"If the purpose is to create one of the best books on requirements yet written, the authors have succeeded." —Capers Jones Software can solve almost any problem. The trick is knowing what the problem is. With about half of all software errors originating in the requirements activity, it is clear that a better understanding of the problem is needed. Getting the requirements right is crucial if we are to build systems that best meet our needs. We know, beyond doubt, that the right requirements produce an end result that is as innovative and beneficial as it can be, and that system development is both effective and efficient. Mastering the Requirements Process: Getting Requirements Right, Third Edition, sets out an industry-proven process for gathering and verifying requirements, regardless of whether you work in a traditional or agile development environment. In this sweeping update of the bestselling guide, the

authors show how to discover precisely what the customer wants and needs, in the most efficient manner possible. Features include The Volere requirements process for discovering requirements, for use with both traditional and iterative environments A specification template that can be used as the basis for your own requirements specifications Formality guides that help you funnel your efforts into only the requirements work needed for your particular development environment and project How to make requirements testable using fit criteria Checklists to help identify stakeholders, users, non-functional requirements, and more Methods for reusing requirements and requirements patterns New features include Strategy guides for different environments, including outsourcing Strategies for gathering and implementing requirements for iterative releases "Thinking above the line" to find the real problem How to move from requirements to finding the right solution The Brown Cow model for clearer viewpoints of the system Using story cards as requirements Using the Volere Knowledge Model to help record and communicate requirements Fundamental truths about requirements and system development

This is the first book to seriously address the disconnection between nimble Agile teams and other groups in the enterprise, including enterprise architecture, the program management office (PMO), human resources, and even business executives. When an

enterprise experiments with practice improvements, software development teams often jump on board with excitement, while other groups are left to wonder how they will fit in. We address how these groups can adapt to Agile teams. More importantly, we show how many Agile teams cause their own problems, damaging scalability and sustainability, by requiring special treatment, and by failing to bridge the gaps between themselves and other groups. We call this phenomenon "Agile illth." Adopting a set of "best practices" is not enough. All of us, Agile teams and the corporate groups, must change our intentions and worldviews to be more compatible with the success of the enterprise. Join us on the journey to enterprise agility. It is a crooked path, fraught with danger, confusion and complexity. It is the only way to reach the pinnacles we hope to experience in the form of better business value delivered faster for less cost.

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.

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

This book constitutes the refereed proceedings of the 10th Software Quality Days Conference, SWQD 2018, held in Vienna, Austria, in January 2018. The Software Quality Days (SWQD) conference started in 2009 and has grown to the biggest conferences on software quality in Europe with a strong community. The program of the SWQD conference is designed to encompass a stimulating mixture of practical presentations and new research topics in scientific presentations. The guiding conference topic of the SWQD 2018 is "Software Quality 4.0: Methods and Tools for better Software and Systems", as novel technologies include new challenges and might require new and adapted methods and tools to support quality assurance activities early. The 6 full papers and 2 short papers presented in this volume were carefully reviewed and selected from 16 submissions. The volume also contains 2 invited talks. The contributions were organized in topical sections named: safety and security; requirements engineering and requirements-based testing; crowdsourcing in software engineering; software and systems architecture; experimentation in software engineering; and smart environments.

Database access is a leading strategic use of Web technology. This "Database Developer's Guide" teaches the reader how to design, develop, and deploy secure client/server databases that are accessible by clients on Internet and Intranet Web sites using the latest version of Visual Basic and other new key technologies, such as ActiveX and Server Side Scripting. The accompanying CD includes the author's source code and resources such as WebSite, third party ActiveX Control samples, DBGateway, and others.

Unlock the power of the MEAN stack by creating attractive and real-world projects About This Book Learn about the different components that comprise a MEAN application to construct a fully functional MEAN application using the best third-party modules A step-by-step guide to developing the MEAN stack components from scratch to achieve maximum flexibility when building an e-commerce application Build optimum end-to-end web applications using the MEAN stack Who This Book Is For This learning path is for web developers who are experienced in developing applications using JavaScript. This course is for developers who are interested in learning how to build modern and multiple web applications using MongoDB, Express, AngularJS, and Node.js. What You Will Learn Build modern, end-to-end web applications by employing the full-stack web development solution of MEAN Connect your Express application to MongoDB and use a Mongoose model and build a complex application from start to finish in MongoDB Employ AngularJS to build responsive UI components Implement

multiple authentication strategies such as OAuth, JsonWebToken, and Sessions Enhance your website's usability with social logins such as Facebook, Twitter, and Google Secure your app by creating SSL certificates and run payment platforms in a live environment Implement a chat application from scratch using Socket.IO Create distributed applications and use the power of server-side rendering in your applications Extend a project with a real-time bidding system using WebSockets In Detail The MEAN stack is a collection of the most popular modern tools for web development. This course will help you to build a custom e-commerce app along with several other applications. You will progress to creating several applications with MEAN. The first module in this course will provide you with the skills you need to successfully create, maintain, and test a MEAN application. Starting with MEAN core frameworks, this course will explain each framework key concepts of MongoDB, Express, AngularJS, and Node.js. We will walk through the different tools and frameworks that will help expedite your daily development cycles. After this, the next module will show you how to create your own e-commerce application using the MEAN stack. It takes you step by step through the parallel process of learning and building to develop a production-ready, high-quality e-commerce site from scratch. It also shows you how to manage user authentication and authorization, check multiple payment platforms, add a product search and navigation feature, deploy a production-ready e-commerce site, and finally add your own high-quality feature to the site. The final step in this course will enable

you to build a better foundation for your AngularJS apps. You'll learn how to build complex real-life applications with the MEAN stack and a few more advanced projects. You will become familiar with WebSockets, build real-time web applications, create auto-destructing entities, and see how to work with monetary data in Mongo. You will also find out how to a build real-time e-commerce application. This learning path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: MEAN Web Development by Amos Haviv Building an E-Commerce Application with MEAN by Adrian Mejia MEAN Blueprints by Robert Onodi Style and approach This course will begin with the introduction to MEAN, gradually progressing with building applications in each framework. Each transition is well explained, and each chapter begins with the required background knowledge. Build Data-Driven Web Applications with SharePoint 2010 Leverage the revolutionary development capabilities in SharePoint 2010 to build web-based business applications. Microsoft SharePoint 2010 Web Applications: The Complete Reference gets you up and running on the platform and explains how to integrate application services such as content management, business intelligence, offline synchronization, and workflow into your applications. After reviewing the fundamentals of SharePoint 2010, this comprehensive resource covers the presentation, application services, and data access layers, and discusses the key tools and techniques that are most appropriate for delivering functionality within each layer. Packaging, deployment, and configuration are

also covered in this hands-on guide. Real-world examples illustrate specific features, and the code samples contained throughout the book can be used in your own applications.

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