Asp Net Mvc 5 Course Fundamentals Pluralsight

Intermediate to advanced technique coverage, updated for C# 2012and .NET 4.5 This guide is geared towards experienced programmers looking toupdate and enhance their skills in writing Windows applications,web apps, and Metro apps with C# and .NET 4.5. Packed withinformation about intermediate and advanced features, this bookincludes everything professional developers need to know about C#and putting it to work. Covers challenging .NET features including Language IntegratedQuery (LINQ), LINQ to SQL, LINQ to XML, WCF, WPF, Workflow, andGenerics Puts the new Async keyword to work and features refreshers on.NET architecture, objects, types, inheritance, arrays, operators,casts, delegates, events, strings, regular expressions,collections, and memory management Explores new options and interfaces presented by Windows 8development, WinRT, and Metro style apps Includes traditional Windows forms programming, ASP.NET webprogramming with C#, and working in Visual Studio 2012 with C# Professional C# 2012 and .NET 4.5 is a comprehensiveguide for experienced programmers wanting to maximize thesetechnologies. Practical, real-world tools for migrating ASP.NET MVC to Windows Azure When IIS6 and Windows

Server 2003 are no longer supported, you?ll need to migrate websites currently hosted on these technologies to newer technologies. This book comes to the rescue. It's packed with all the steps you need - all intertwined with real-world examples - to perform the migration of IIS6 and Windows Server 2003 websites to Windows Azure. Discusses different aspects of performance and scalability such as pipeline optimization, process model configuration, caching, minification, and bundling Shares an overview of the Windows Azure Cloud Service and the benefits it has over legacy configurations Looks at Windows Azure deployment features, provides steps for getting access to Windows Azure, and explains how to create the components necessary to host and successfully run a test website Windows Azure and ASP.NET MVC Migration is a must-have resource for making the transition to Windows Azure as smooth and successful as possible.

This one hundred page book focuses exclusively on how you can best use the ASP.NET MVC 4 Framework to build world-class REST services using the Web API. It sets aside much of what the ASP.NET MVC Framework can do, and focuses exclusively on how the Web API can help you build web services. You will not find any help on CSS, HTML, JavaScript, or jQuery. Nor will you find any help on the Razor view engine, HTML Helpers, or

model binding. If you need this information then Pro ASP.NET MVC 4 is your perfect book. ASP.NET MVC 4 and the Web API: Building a REST Service from Start to Finish helps you build cutting-edge REST services using ASP.NET MVC 4 and the Web API in more depth and detail than any other resource. ASP.NET MVC has always been a good platform on which to implement REST, but with the advent of the Web API it has now become even better. This book will show you why it's great and how to get the most from it. Author Jamie Kurtz will take you from zero to full-blown REST service hero in no time at all. And you'll even learn how to incorporate some popular open source tools along the way: little or no experience with ASP.NET or the MVC Framework is required.

Mobile ASP.NET MVC 5 will take you step-by-step through the process of developing fluid content that adapts its layout to the client device using HTML, JavaScript and CSS, and responsive web design. This book introduces server-side techniques that allow you to show different content to different devices and make the most of their strengths and capabilities. Mobile ASP.NET MVC 5 includes a wide range of techniques, tips, and guidelines for dealing with some of the challenges of mobile web development, such as browser incompatibilities, varying device performance, and targeting older devices. You'll learn to: Use responsive principles to

build apps that display and perform well on a range of mobile devices. Leverage your server-side code to customize what you serve to the client, depending on its capabilities. Build an ASP.NET MVC custom view engine, use display modes effectively, and create reusable mobile components with custom HTML helpers. Make the most of new capabilities offered on some devices by interacting with native APIs. By the end of Mobile ASP.NET MVC 5, you should feel confident building web apps that successfully target anything from an iOS or Android device to a feature phone or an older mobile browser. Along the way, you'll learn about the modern mobile web landscape and how to choose the approaches that are right for you, depending on your target audience. This book is for the ASP.NET developer who knows how ASP.NET MVC works and is eager to learn how to use it for building mobile websites.

The ASP.NET MVC 4 Framework is the latest evolution of Microsoft's ASP.NET web platform. It provides a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility, combined with all the benefits of ASP.NET. ASP.NET MVC 4 contains a number of significant advances over previous versions. New mobile and desktop templates (employing adaptive rendering) are included together with support for jQuery Mobile for

the first time. New display modes allow your application to select views based on the browser that's making the request while Code Generation Recipes for Visual Studio help you auto-generate project-specific code for a wide variety of situtations including NuGet support. In this fourth edition, the core model-view-controller (MVC) architectural concepts are not simply explained or discussed in isolation, but are demonstrated in action. You'll work through an extended tutorial to create a working e-commerce web application that combines ASP.NET MVC with the latest C# language features and unit-testing best practices. By gaining this invaluable, practical experience, you'll discover MVC's strengths and weaknesses for yourself—and put your best-learned theory into practice. The book's authors, Steve Sanderson and Adam Freeman, have both watched the growth of ASP.NET MVC since its first release. Steve is a well-known blogger on the MVC Framework and a member of the Microsoft Web Platform and Tools team. Adam started designing and building web applications 15 years ago and has been responsible for some of the world's largest and most ambitious projects. You can be sure you are in safe hands.
The ASP.NET MVC 5 Framework is the latest evolution of Microsoft's ASP.NET web platform. It provides a high-productivity programming model that promotes cleaner code architecture, test-driven

development, and powerful extensibility, combined with all the benefits of ASP.NET. ASP.NET MVC 5 contains a number of advances over previous versions, including the ability to define routes using C# attributes and the ability to override filters. The user experience of building MVC applications has also been substantially improved. The new, more tightly integrated, Visual Studio 2013 IDE has been created specifically with MVC application development in mind and provides a full suite of tools to improve development times and assist in reporting, debugging and deploying your code. The popular Bootstrap JavaScript library has also now been included natively within MVC 5 providing you, the developer, with a wider range of multi-platform CSS and HTML5 options than ever before without the penalty of having to load-in third party libraries. What you'll learnGain a solid architectural understanding of ASP.NET MVC 5Explore the entire ASP.NET MVC Framework as a cohesive wholeLearn what's new in version 5 and how best to apply these new features to your own workSee how MVC and test-driven development work in actionCapitalize on your existing knowledge quickly and easily through comparison of features in classic ASP.NET to those in ASP.NET MVWho this book is for This book is for web developers with a basic knowledge of ASP.NET and C#who want, or need, to start using the new ASP.NET MVC 5 Framework.

Table of ContentsPart I: Introducing ASP.NET MVC 5 1. What's The Big Idea 2. Your first MVC Application 3. The MVC Pattern 4. Essential Language Features 5. Working with Razor 6. Essential Tools for MVC 7. Sports Store: A Real Application 8. Sports Store: Navigation 9. Sports Store: Cart 10. Sports Store: Mobile 11. Sports Store: Admin 12. Sports Store: Security and Finishing Touches 13. Deployment Part II: ASP.NET MVC 5 In Detail 14. Overview of MVC5 Projects 15. URL Routing 16. Advanced Routing Features 17. Controllers and Actions 18. Filters 19. Controllers Extensibility 20. Views 21. Helper Methods 22. Templated Helper Methods 23. URL and Ajax Helper Meothods 24. Model Binding 25. Model Validation 26. Bundles 27. WebAPI and Single Page Applications

Get up and running quickly with Microsoft ASP.NET MVC and Entity Framework as you build and deploy complex websites. By using a fully working example retail website you will learn solutions to real-world issues that developers frequently encounter. Whether you are a novice developer or an experienced .NET developer wishing to learn more about MVC and Entity Framework, author Lee Naylor will teach you how to develop a detailed database-driven example website using Microsoft ASP.NET and Entity Framework Code First with fully explained code examples. What You Will Learn: •

Get up and running quickly with ASP.NET MVC and
Entity Framework to build a complex website to
display and manage several related entities•
Integrate identity code into a project• Understand
advanced topics, including asynchronous database
access and managing data conflicts• Work with
Microsoft Azure, including remote debugging and
database access• Develop your CSS skills, including
animations and media queries for use with tablet or
mobile/cell phone devices Who This Book Is For:
Novice developers new to the subject through to
more experienced ASP.NET web forms developers
looking to migrate from web forms to MVC and Entity
Framework. The book assumes some programming
knowledge such as object-oriented programming
concepts and a basic knowledge of C#.
This book gathers selected research papers
presented at the First International Conference on
Digital Technologies and Applications (ICDTA 21),
held at Sidi Mohamed Ben Abdellah University, Fez,
Morocco, on 29-30 January 2021. highlighting the
latest innovations in digital technologies as: artificial
intelligence, Internet of things, embedded systems,
network technology, information processing, and
their applications in several areas such as hybrid
vehicles, renewable energy, robotic, and COVID-19.
The respective papers encourage and inspire
researchers, industry professionals, and
policymakers to put these methods into practice.

Web API 2 is the latest evolution of Microsoft's web services toolkit, which allows the creation of RESTful applications built on the ASP.NET platform. It provides a standards-based approach and a high-productivity development model that makes it easy to deliver services to a wide-range of clients, including mobile devices. This book puts Web API into context for the experienced MVC Framework developer and dives deep into the tools and techniques required to build Web API applications that integrate with the MVC Framework and shows you how to create single-page applications to consume them. Best-selling author Adam Freeman explains how to get the most from Web API 2 by building on the foundation of the MVC Framework and the ASP.NET platform. He starts with the nuts-and-bolts and shows you everything through to advanced features, going in-depth to give you the knowledge you need.

Want to learn how to build ASP.NET Core 1.1 Web APIs? Prerequisites:* C# (Intermediate level; including Generics, Reflection and Object-Oriented Programming (OOP)) Need help? Feel free to contact me at: csharpschoolonline@gmail.com Code: https://github.com/csharpschool/AspNetCoreWebAPI Errata: https://github.com/csharpschool/AspNetCore Video/issues This book is primarily aimed at developers who want to learn how to build ASP.NET

Core 1.1 Web APIs; no user interface will be built;
instead, you will use a tool called Postman to make
requests and to receive responses from the Web
API. You should be an intermediate level C#
developer with some experience in object-oriented
programming (OOP), generics, and reflection. The
book presupposes that you have a solid C#
foundation since the language won't be explained in
any detail. You will learn ASP.NET Core 1.1 Web
API by building three services that handle data used
in four controllers. An empty template will be used to
build the Web API application from the ground up.
The goal is to get you familiar with ASP.NET Core
1.1 Web API by adding middleware and services one
piece at a time, building a basic application. The first
service will use in-memory data stored in collections
to make it easier for you to learn Web API basics.
The second service will implement the same
interface that the in-memory service uses to interact
with a SQL Server database using Entity
Framework. The third service will be generic, using
reflection in one of its methods. Generics will make it
possible to reuse the same methods when
interacting with all tables in the database instead of
creating a set of methods for each table. The content
in this book will get you started with Web APIs in a
fast, no-fluff way. It's important to mention that this
book is practical and tactical, where you will learn as
you progress through the modules and build a real

Web API step-by-step. To spare you countless pages of fluff (filler material), only valuable information, pertinent to the task at hand, is discussed. The benefit is a shorter and more condensed book, which will save you time and give you a more enjoyable experience. The goal is to learn ASP.NET Core 1.1 Web API by implementing three different scenarios in a Web API application from scratch using an empty project template. This experience is something you can put in your CV when applying for a job or a consultant position, or when negotiating a higher salary.Technologies, frameworks and languages you will use:* Postman (To send requests and receive responses from the Web API)* Visual Studio 2017* ASP.NET Core 1.1 MVC/Web API (The framework that you will use)* Services (To provide you own functionality as a reusable service)* Middleware (To provide you own functionality to HTTP Request pipeline)* Entity Framework (To crate and communicate with a database)* LINQ (To query the database)* Dependency Injection (To inject objects into constructors)* NuGet (To install necessary libraries) What you will implement:* A Web API application from an empty template.* Create a "real world" code-first database using Entity Framework Core.* Add and modify entity models to perform CRUD operations against the database. I hope you love the book!Sincerely,Jonas Fagerberg Now click the Buy

button and start reading the book.
The two-volume proceedings of the ACIIDS 2016
conference, LNAI 9621 + 9622, constitutes the
refereed proceedings of the 8th Asian Conference
on Intelligent Information and Database Systems,
held in Da Nang, Vietnam, in March 2016. The total
of 153 full papers accepted for publication in these
proceedings was carefully reviewed and selected
from 392 submissions. They were organized in
topical sections named: knowledge engineering and
semantic Web; social networks and recommender
systems; text processing and information retrieval;
database systems and software engineering;
intelligent information systems; decision support and
control systems; machine learning and data mining;
computer vision techniques; intelligent big data
exploitation; cloud and network computing; multiple
model approach to machine learning; advanced data
mining techniques and applications; computational
intelligence in data mining for complex problems;
collective intelligence for service innovation,
technology opportunity, e-learning, and fuzzy
intelligent systems; analysis for image, video and
motion data in life sciences; real world applications
in engineering and technology; ontology-based
software development; intelligent and context
systems; modeling and optimization techniques in
information systems, database systems and
industrial systems; smart pattern processing for

sports; and intelligent services for smart cities.
You're a developper who knows nothing to ASP.NET
MVC. Which is fine, except that you need to start
coding your next application using ASP.NET MVC 5.
Don't worry: I have you covered. I've been training
hundreds of developers like you during years, and
converted my experience into this book. I know from
experience teaching what takes more time to learn in
ASP.NET MVC, and will spend time only where
appropriate. Read this book, and you can code your
ASP.NET MVC 5 application using Visual Studio
2015 within a week.
Want to learn how to build ASP.NET Core 2.0 MVC
and Razor Page Web Applications? Prerequisites:
C# (Intermediate level; including Generics,
Reflection and Object-Oriented Programming
(OOP)) HTML5/CSS3 (Basic knowledge) This book
is primarily aimed at developers who want to learn
how to build ASP.NET Core 2.0 MVC and Razor
Page applications. You should be an intermediate
level C# developer with some experience in HTML5
and CSS3. The C# language won't be explained in
any detail. You will learn ASP.NET Core 2.0 by
building three applications. The first application will
be built using an empty template, the second with
the MVC template, and the third with Razor Pages.
The goal with the first basic application is to get you
familiar with ASP.NET Core 2.0 by adding
middleware and services one piece at a time. Then

you will create a solution with three projects; the first project will be used to create a shared database with Entity Framework Core 2.0, the second project is a MVC application for the regular user interface, and the third project is an administrator user interface built with Razor Pages. This solution is a video course website, where users can register to gain access to video courses and administrators can add and modify course content and users. If you are already familiar with MVC 5 or ASP.NET Core 1.0/1.1, the content in this book can get you started with ASP.NET Core 2.0 in a fast, no-fluff way. It's important to mention that this book is practical and tactical, where you will learn as you progress through the modules and build real web applications in the process. To spare you countless pages of fluff (filler material), only valuable information, pertinent to the task at hand, is discussed. The benefit is a shorter and more condensed book, which will save you time and give you a more enjoyable experience. This experience is something you can put in your CV when applying for a job or a consultant position, or when negotiating a higher salary. Technologies, frameworks and languages you will use: Visual Studio 2017 ASP.NET Core 2.0 MVC and Razor Pages (new in ASP.NET 2.0) Services (To provide your own functionality as a reusable service) Middleware (To provide you own functionality to HTTP Request pipeline) Entity Framework (To crate

and communicate with a database) View Component (To render data in the _Layout view with model data) Dependency Injection (To inject objects into constructors) Bootstrap (Used for styling and to create a responsive design) LINQ (To query the database) Tag Helper (to clean up the HTML and enable re-use) HTML Helper methods (to clean up your HTML and enable re-use) Partial views (to clean up your views and enable re-use) Bower and NuGet (To install necessary libraries) What you will implement: A web application from an empty template An MVC web application using a template An Razor Page web application using a template A data-layer project referenced from the MVC and Razor Page applications I hope you love the book! Sincerely, Jonas Fagerberg Now click the Buy button and start reading the book. ?????MVP???????????????????????????????ASP.N ET MVC????????????ASP.NET MVC?ASP.NET Core???????????????ASP.NET Core???????????? ??????????????????????????????????? ?????????? ?? ???????????????? ?????????????????????????????????????? ??????????????????????????????????????? ????????????????????????????????????? #???? GOTOP Bring dynamic server-side web content and responsive web design together to build websites

that work and display well on any resolution, desktop or mobile. With this practical book, you'll learn how by combining the ASP.NET MVC server-side language, the Bootstrap front-end framework, and Knockout.js—the JavaScript implementation of the Model-View-ViewModel pattern. Author Jamie Munro introduces these and other related technologies by having you work with sophisticated web forms. At the end of the book, experienced and aspiring web developers alike will learn how to build a complete shopping cart that demonstrates how these technologies interact with each other in a sleek, dynamic, and responsive web application. Build well-organized, easy-to-maintain web applications by letting ASP.NET MVC 5, Bootstrap, and Knockout.js do the heavy lifting Use ASP.NET MVC 5 to build server-side web applications, interact with a database, and dynamically render HTML Create responsive views with Bootstrap that render on a variety of modern devices; you may never code with CSS again Add Knockout.js to enhance responsive web design with snappy client-side interactions driven by your server-side web application "Overview ASP.NET MVC 5 LiveLessons introduces web developers to ASP.NET MVC, along with the history of web applications on the Microsoft platform. This course educates the developer from a master software engineering perspective with an eye toward frictionless development, best practices, and build

and test automation. Description Software engineer and Microsoft MVP Jeffrey Palermo guides developers through each part of the ASP.NET MVC 5 framework and demonstrates how to leverage each piece to its fullest with real-world code examples. Viewers will learn how to create well-structured MVC web applications from scratch, add libraries and dependencies to the web application without creating unnecessary coupling, and create dynamic web pages and screens that accept, validate, and process user input. Viewers will also learn how to expose complex data to the application's users through screens, extend the MVC framework to create cross-cutting behavior with minimal code, and develop using HTML5, CSS3, and jQuery to create MVC web applications that function equally well on desktops, tablets, and smartphones. While learning the framework, viewers will learn how to properly structure a software system that uses separation of concerns and layering so that applications can be maintainable for years to come."--Resource description page. This book is primarily aimed at developers who have some prior experience with MVC 5 and are proficient in C#, since the language won't be explained in any detail. Even if you already have created a couple of MVC projects, you might find the content in this book useful as a refresher. You might have worked in previous versions of Visual Studio and MVC and

want a fast no-fluff way to get up to speed with MVC 5.Prerequisites:* C# (you need to be proficient)* MVC 5 (you need some prior experience)* HTML5/CSS3 (you need basic knowledge)* JavaScript/JQuery (you need basic knowledge)In this book you will learn how to build an MVC 5 website using C#, Entity Framework, HTML5, CSS, JavaScript and Ajax.* Create a "real world" code-first database using Entity Framework.* Add and modify models, views and controllers to perform CRUD operations against the database.* Use client-side and server-side validation.* Secure the controllers, actions and view content with authorization and roles.* Implement security with ASP.NET Identity (authentication, authorization and roles).* Use JavaScript, JQuery and Ajax to build a great end-user interface with asynchronous server calls.* Style the user interfaces using CSS3 and Bootstrap.* Create a responsive website.* Implement product subscription scenarios with registration codes.* Create an alternate way to login to the application.* Implement password reset functionality.* Register users with the site.* Manage users and their subscriptions.Technologies, frameworks and languages:* C# (you need to be proficient)* HTML5/CSS3 (you need basic knowledge)* JavaScript/JQuery (you need basic knowledge)* MVC 5 (you will create/modify models, views and controllers)* Razor syntax (to include server-side

code in views)* Bootstrap (used for styling and to create a responsive design)* Ajax (used for asynchronous server calls)* LINQ (to query the database)* Extension methods (to clean up your C# code and enable re-use)* HTML Helper methods (to clean up your HTML and enable re-use)* Use settings from the web.config file* This book does not cover ASP.NET Core 1.0I hope you love the book!Sincerely,Jonas FagerbergNow click the Buy button to start reading the book.

This new 7th edition of Pro C# 6.0 and the .NET 4.6 Platform has been completely revised and rewritten to reflect the latest changes to the C# language specification and new advances in the .NET Framework. You'll find new chapters covering all the important new features that make .NET 4.6 the most comprehensive release yet, including: A Refined ADO.NET Entity Framework Programming Model Numerous IDE and MVVM Enhancements for WPF Desktop Development Numerous updates to the ASP.NET Web APIs This comes on top of award winning coverage of core C# features, both old and new, that have made the previous editions of this book so popular. Readers will gain a solid foundation of object-oriented development techniques, attributes and reflection, generics and collections as well as numerous advanced topics not found in other texts (such as CIL opcodes and emitting dynamic assemblies). The mission of this book is to provide

you with a comprehensive foundation in the C# programming language and the core aspects of the .NET platform plus overviews of technologies built on top of C# and .NET (ADO.NET and Entity Framework, Windows Communication Foundation (WCF), Windows Presentation Foundation (WPF), ASP.NET (WebForms, MVC, WebAPI).). Once you digest the information presented in these chapters, you'll be in a perfect position to apply this knowledge to your specific programming assignments, and you'll be well equipped to explore the .NET universe on your own terms. What You Will Learn: Be the first to understand the .NET 4.6 platform and C# 6. Discover the ins and outs of the leading .NET technology. Learn from an award-winning author who has been teaching the .NET world since version 1.0. Find complete coverage of XAML, .NET 4.6 and Visual Studio 2015 together with discussion of the new Windows Runtime. Author Steven Sanderson has seen the ASP.NET MVC Framework mature from the start, so his experience, combined with comprehensive coverage of all the new features, including those in the official MVC development toolkit, offers the clearest understanding of how this exciting new framework can improve your coding efficiency. With this book, you'll gain invaluable up-to-date knowledge of security, deployment, and interoperability challenges. The ASP.NET MVC 2 Framework

introduces a radical high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility, combined with all the benefits of ASP.NET 3.5. In this book, the core model-view-controller (MVC) architectural concepts are not simply explained or discussed in isolation, but are demonstrated in action. You'll work through an extended tutorial to create a working e-commerce web application that combines ASP.NET MVC with C# language features and unit-testing best practices. By gaining this invaluable, practical experience, you'll discover MVC's strengths and weaknesses for yourself—and put your best-learned theory into practice.

This book covers useful Interview Questions and Answers on ASP.NET MVC. This book is appropriate for novice as well as for senior level professionals who wants to strengthen their skills before appearing for an interview on ASP.NET MVC. This book is equally helpful to sharpen their programming skills and understanding ASP.NET MVC in a short time. This book is not only the ASP.NET MVC interview book but it is more than that. This book helps you to get the depth knowledge of ASP.NET MVC with a simple and elegant way. I hope you will enjoy this book and find it useful. At the same time I also encourage you to become a continue reader of the blog www.dotnet-tricks.com and be the part of the discussion. But most

importantly practice a lot and enjoy the technology.
That's what it's all about.
Goyal Brothers Prakashan
The ASP.NET MVC 5 Framework is the latest
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CSS and HTML5 options than ever before without
the penalty of having to load-in third party libraries.
Learn how to develop modern, dynamic web
applications with the ASP.NET MVC 5 framework.
ASP.NET MVC is the tool of choice for building
modern, dynamic, and scalable web applications.
MVC 5 includes features that enable rapid, test-

driven development. In this course, Jonathan "J." Tower teaches the essentials of the ASP.NET MVC 5 framework. Learn what models, views, and controllers are and how data is passed between them. See how controller classes and their action methods are used to organize your application's logic; how to use strongly typed models in your views; how to build models with Entity Framework; and how to create your own custom validation attributes. He also shows how to create and perform unit tests to ensure you build software that works the way it's supposed to. ASP.NET MVC insiders cover the latest updates to the technology in this popular Wrox reference MVC 5 is the newest update to the popular Microsoft technology that enables you to build dynamic, data-driven websites. Like previous versions, this guide shows you step-by-step techniques on using MVC to best advantage, with plenty of practical tutorials to illustrate the concepts. It covers controllers, views, and models; forms and HTML helpers; data annotation and validation; membership, authorization, and security. MVC 5, the latest version of MVC, adds sophisticated features such as single page applications, mobile optimization, and adaptive rendering A team of top Microsoft MVP experts, along with visionaries in the field, provide practical advice on basic and advanced MVC topics Covers controllers, views, models, forms, data annotations, authorization and security, Ajax, routing, ASP.NET web API, dependency injection, unit testing, real-world application, and much more Professional ASP.NET MVC 5 is the comprehensive resource you need to make the best use of the updated Model-View-Controller technology.

Learn the fundamentals of ASP.NET MVC and build real-world web applications using ASP.NET Core MVC About This Book Get a first-principles coverage of ASP.NET MVC and the latest release, Core This book is uniquely designed for developers who are looking to transition their skills into the .NET development field The standalone chapter structure leaves you free to explore ASP.NET MVC to immediately solve your pain points Who This Book Is For This book is for developers who want to learn to build web applications using ASP.NET Core, developers who want to make a career building web applications using Microsoft technology, and developers who are working in Ruby on Rails or other web frameworks and want to learn ASP.NET Core MVC. No knowledge of the ASP.NET platform or the .NET platform is required. Even though you do not need to have experience in C#, an understanding of the basic constructs (loops, conditionals, classes, and objects) of any modern programming language would be helpful. What You Will Learn Get to know the concepts of ASP.NET MVC and build a new static web page using HTML, CSS, and jQuery Set up a development environment and run a sample application using the template Create a Controller with action methods Build a view using several features of the Razor View engine Construct a Model for ASP.NET Core MVC application Devise a custom mechanism to provide maximum flexibility to your application through routing Validate the user input on the client side using jQuery Enhance your applications using Bootstrap Explore new configuration and deployment scenarios—step by step guide to deploying ASP.NET Core web application in Linux In Detail ASP.NET Core MVC helps you build robust web applications using the Model-View-Controller design. This guide will help you in building applications which can be deployed on non-windows platforms such as Linux. In today's age, it is crucial that you

possess the ability to separate the programming and business logic, and this is exactly what ASP.NET Core MVC application will help you achieve. This version comes with a number of improvements that enable fast, TDD-friendly development to create sophisticated applications. You would also learn the fundamentals of Entity framework and on how to use the same in ASP.NET Core web applications. The book presents the fundamentals and philosophies of ASP.NET Core. Starting with an overview of the MVC pattern, we quickly dive into the aspects that you need to know to get started with ASP.NET. You will learn about the core architecture of model, view, and control. Integrating your application with Bootstrap, validating user input, interacting with databases, and deploying your application are some of the things that you will be able to execute with this fast-paced guide. The end of the book will test your knowledge as you build a fully working sample application using the skills you've learned throughout the book. Style and approach This book takes a first-principles approach to help you understand and implement ASP.NET MVC solutions. It is focused primarily on giving you practical skills rather than the old conventional theoretical teaching.

Thought-provoking and accessible in approach, this updated and expanded second edition of the ASP.NET Programming: The Ultimate Crash Course To HTML5 and ASP.Net provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for advanced graduate-level students. We hope you find this book useful in shaping your future career. Feel free to send us your enquiries related to our publications

to info@risepress.pw Rise Press
The ASP.NET MVC 3 Framework is the latest evolution of
Microsoft's ASP.NET web platform. It provides a high-
productivity programming model that promotes cleaner code
architecture, test-driven development, and powerful
extensibility, combined with all the benefits of ASP.NET 4. In
this third edition, the core model-view-controller (MVC)
architectural concepts are not simply explained or discussed
in isolation, but are demonstrated in action. You'll work
through an extended tutorial to create a working e-commerce
web application that combines ASP.NET MVC with the latest
C# language features and unit-testing best practices. By
gaining this invaluable, practical experience, you'll discover
MVC's strengths and weaknesses for yourself—and put your
best-learned theory into practice. The book's authors Steve
Sanderson and Adam Freeman have both watched the
growth of ASP.NET MVC since its first release. Steve is a
well-known blogger on the MVC Framework and a member of
the Microsoft Web Platform and Tools team. Adam started
designing and building web applications 15 years ago and
has been responsible for some of the world's largest and
most ambitious projects. You can be sure you are in safe
hands.
Want to learn ASP.NET Core 2.2 MVC, Razor Pages, API,
JSON Web Tokens (JWT) and HTTPClient? Prerequisites:
C# (Intermediate level; including Generics, Reflection,
async/await and Object-Oriented Programming (OOP))
MVC/HTML5/CSS3 (Basic knowledge) I want to welcome you
to ASP.NET Core 2.2 MVC, Razor Pages, API, JSON Web
Tokens & HttpClient. This book will guide you through
creating a video course membership site secured with JSON
Web Tokens. This book's target audience is developers who
want to learn how to build ASP.NET Core 2.2 MVC, Razor
Page, and API applications. The API has JSON Web Token

(JWT) authentication and authorization, and the Razor Pages calls the API with HttpClient. You should be an intermediate level C# developer with some experience in MVC, Entity Framework, HTML5, and CSS3. The book presupposes that you have a solid C# foundation with good knowledge in OOP, Linq/Lambda, generics, and asynchronous calls; this is not a book about the C# language. You will learn ASP.NET Core 2.2 by building three applications in five projects. The first application is a UI for users registered with the membership site built with the MVC tem¬plate; the second is an administration UI built with Razor Pages; the third is an API secured with JSON Web Token authentication and authorization that the administration applica¬tion calls with HttpClient. All three applications use several services with differing purpos¬es. Apart from the three application projects, a project for shared resources is created as well as a database project with the sole purpose of handling the shared Entity Framework Core 2.2 database. When finished, you will have created a fully functioning video course website, where users can register to get access to video content, and admini¬strators can add and modify course content and users. You should already be familiar with MVC 5 or ASP.NET Core to get the most from this book; it delivers the content in a fast, no-fluff way. The book is practical and tactical, where you will learn as you progress through the modules and build real web applications in the process. To spare you countless pages of fluff (filler material), only valuable information, pertinent to the task at hand, is discussed. The benefit is a shorter and more condensed book, which will save you time and give you a more enjoyable experience. The goal is to learn ASP.NET Core 2.2 by building web projects: an experience that you can put in your CV when applying for a job or a consultant position, or when negotiating a higher salary. By the end of this book, you will

be able to create ASP.NET Core 2.2 applications on your own, which can create, edit, delete, and view data in a database. Technologies, frameworks and languages you will use: Visual Studio 2019 ASP.NET Core 2.2 MVC, Razor Pages and API Services (To provide your own functionality as a reusable service) Middleware (To provide you own functionality to the HTTP Request pipeline) Entity Framework (To crate and communicate with a database) Dependency Injection (To inject objects into constructors) Bootstrap (To style and create a responsive design) LINQ (To query the database) Tag Helper (to clean up the HTML and enable reuse) HTML Helper methods (to clean up your HTML and enable reuse) Partial views (to clean up your views and enable re-use) What you will implement: A Razor Page web application A MVC web application A API web application A data-layer project referenced from the other web applications I hope you love the book! Sincerely, Jonas Fagerberg Now click the Buy button and start learning.

The power of ASP.NET MVC 5 stems from the underlying ASP.NET platform. To make your ASP.NET MVC applications the best they can be, you need to fully understand the platform features and know how they can be used to build effective and elegant MVC framework applications. The ASP.NET platform provides ASP.NET MVC applications with a rich suite of services including vital every-day features like extensible request handling, state management, and user authentication. Understanding how these features work is the difference between creating an average web application and the best-in-class. MVC applications that are architected with a thorough knowledge of the underlying platforms are faster to write, faster to run, and more readily adaptable to change. In Pro ASP.NET MVC 5 Platform, best-selling author Adam Freeman explains how to get the most from the entire ASP.NET platform, beginning

with a nuts-and-bolts description of the patterns and tools you need through to the most advanced features. He goes in-depth at every stage to give you the practical knowledge that you need to apply these concepts to your own code. Imagine the boost in business if you can build large, rich web applications with little code and built-in Windows authentication. With this book, you can gain skills to develop real-world applications with ASP.NET Core 2. Key Features Adopts the application-centric approach to explain core concepts Covers industry-best practices to build flexible, robust applications Shows how to enhance your applications by adding more functionalities Book Description The book sets the stage with an introduction to web applications and helps you build an understanding of the tried-and-true MVC architecture. You learn all about views, from what is the Razor view engine to tagging helpers. You gain insight into what models are, how to bind them, and how to migrate database using the correct model. As you get comfortable with the world of ASP.NET, you learn about validation and routing. You also learn the advanced concepts, such as designing Rest Buy (a RESTful shopping cart application), creating entities for it, and creating EF context and migrations. By the time you are done reading the book, you will be able to optimally use ASP.NET to develop, unit test, and deploy applications like a pro. What you will learn Work with basic programming constructs using the Razor view engine Use flexibility and data compartmentalization of ViewModel Build a custom route for ASP.NET MVC applications for SEO Optimize applications with performance analysis and improvement steps Improve application performance, security, and data access to optimize the overall development process Deploy an ASP.NET MVC application in a non-Windows environment Who this book is for If you are looking to build web applications using

ASP.NET Core or you want to become a pro in building web applications using the Microsoft technology, this is the ideal book for you. Prior exposure and understanding of C#, JavaScript, HTML, and CSS syntax is assumed.

51?2+ Hours of Video Instruction Overview ASP.NET MVC 5 LiveLessons provides web developers with an introduction to ASP.NET MVC, which includes a review of web applications on the Microsoft platform. This course educates the developer from a master software engineering perspective with an eye toward frictionless development, best practices, and build and test automation. Description Software engineer and Microsoft MVP Jeffrey Palermo guides developers through each part of the ASP.NET MVC 5 framework, and he demonstrates how to leverage each piece to its fullest with real-world code examples. Viewers will learn how to create well-structured MVC web applications from scratch, add libraries and dependencies to the web application without creating unnecessary coupling, and create dynamic web pages and screens that accept, validate, and process user input. Viewers will also learn how to expose complex data to the application's users through screens, extend the MVC framework to create cross-cutting behavior with minimal code, and develop using HTML5, CSS3, and jQuery to create MVC web applications that function equally well on desktops, tablets, and smartphones. While learning the framework, viewers will learn how to properly structure a software system that uses separation of concerns and layering so that applications can be maintainable for years to come. Based on the best-selling ASP.NET MVC 4 LiveLessons , this video training has been updated to use Visual Studio 2013 and the MVC 5 enhancements to security and authentication as well as integration enhancements such as WebAPI 2 and OData support. The result is that with MVC 5 and WebAPI 2, 80% of REST-style web services can now be done right alongside

the rest of the web application without the complexity of WCF. The source code repository for this LiveLesson can be found at www.informit.com/title/9780672337185 . About the Instructor Jeffrey Palermo is a Managing Partner and CEO of Clear Measure, Inc., a software engineering firm in Austin, TX. At Clear Measure, Jeffrey manages the software engineering practice, which includes new system development, legacy system upgrades, performance/scalability improvements, and system rescues. Previously, Jeffrey has held executive positions at various firms including President, COO, CIO, CTO, Chief Architect, and VP of Engineering. Jeffrey has been recognized by Microsoft as a "Microsoft Most Valuable Professional" (MVP) each ...

Want to learn how to build ASP.NET Core 1.1 MVC Web Applications? Prerequisites: * C# (Intermediate level) * HTML5/CSS3 (Basic knowledge) This book is primarily aimed at developers who want to learn how to build ASP.NET Core 1.1 MVC Applications. You should be an intermediate level C# developer with some experience in HTML5 and CSS3. The book presupposes that you have a solid C# foundation since the language won't be explained in any detail. You will learn ASP.NET Core 1.1 by building two MVC applications. The first application will be built using an empty template. The goal is to get you familiar with ASP.NET Core 1.1 by adding middleware and services one piece at a time, building a basic application. Then you will build a second MVC application using a template that already contains support for MVC, Entity Framework Core, and user authentication. This application is a video course website, where users can register to gain access to video courses. If you are already familiar with MVC 5, the content in this book can get you started with ASP.NET Core 1.1 in a fast, no-fluff way. It's important to mention that this book is practical and tactical,

where you will learn as you progress through the modules and build real web applications in the process. To spare you countless pages of fluff (filler material), only valuable information, pertinent to the task at hand, is discussed. The benefit is a shorter and more condensed book, which will save you time and give you a more enjoyable experience. The goal is to learn ASP.NET Core 1.1 by building two web applications, one from scratch and one from an existing template. This experience is something you can put in your CV when applying for a job or a consultant position, or when negotiating a higher salary. Technologies, frameworks and languages you will use: * ASP.NET Core 1.1 MVC (The framework that you will use) * Services (To provide you own functionality as a reusable service) * Middleware (To provide you own functionality to HTTP Request pipeline) * Entity Framework (To crate and communicate with a database) * View Component (To render data in the _Layout view with model data) * Razor syntax (To include server-side code in views) * Bootstrap (Used for styling and to create a responsive design) * LINQ (To query the database) * Dependency Injection (To inject objects into constructors) * Tag Helper (to clean up the HTML and enable re-use) * HTML Helper methods (to clean up your HTML and enable re-use) * Bower/NuGet (To install necessary front-end/back-end libraries) What you will implement: * Implement a web application from an empty template. * Implement a web application from an existing template. * Create a "real world" code-first database using Entity Framework Core. * Add and modify models, views and controllers to perform CRUD operations against the database. * Use client-side and server-side validation. * Secure the controllers, actions and view content with authorization and roles. * Styling HTML with CSS and Bootstrap. * Create a responsive website. * Register users with the site. * Manage users and their video courses. I

hope you love the book! Sincerely, Jonas Fagerberg Now
click the Buy button and start reading the book.
Perfectly suited to the innovative Problem ? Design ? Solution
approach, ASP.NET MVC is a new development model that
separates code for the data, look, and business processes of
a Web site. This nuts-and-bolts guide thoroughly covers
creating a Web site with MVC and discusses solving the most
common problems that you may encounter when creating
your first application or trying to upgrade a current application.
The material is based on the highly praised and widely used
?TheBeerHouse? ASP.NET Starter Kit that was developed in
the bestselling ASP.NET 2.0 Website Programming:
Problem?Design?Solution. Additional coverage includes
registration and membership systems and user-selectable
themes; content management systems for articles and
photos; polls, mailing lists, and forums; e-commerce stores,
shopping carts, and order management with real-time credit
card processing, and more.
Visual Studio 2017 updates for this book are now available.
Follow the Download Source Code link for this book on the
Apress website. Now in its 6th edition, the best selling book
on MVC is now updated for ASP.NET Core MVC. It contains
detailed explanations of the new Core MVC functionality
which enables developers to produce leaner, cloud optimized
and mobile-ready applications for the .NET platform. This
book puts ASP.NET Core MVC into context and dives deep
into the tools and techniques required to build modern, cloud
optimized extensible web applications. All the new MVC
features are described in detail and the author explains how
best to apply them to both new and existing projects. The
ASP.NET Core MVC Framework is the latest evolution of
Microsoft's ASP.NET web platform, built on a completely
new foundation. It represents a fundamental change to how
Microsoft constructs and deploys web frameworks and is free

of the legacy of earlier technologies such as Web Forms. ASP.NET Core MVC provides a "host agnostic" framework and a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility. Best-selling author Adam Freeman has thoroughly revised this market-leading book and explains how to get the most from ASP.NET Core MVC. He starts with the nuts-and-bolts and shows you everything through to advanced features, going in-depth to give you the knowledge you need. This book follows the same format and style as the popular previous editions but brings everything up to date for the new ASP.NET Core MVC release. It presents a fully worked case study of a functioning ASP.NET MVC application that readers can use as a template for their own projects. What You Will Learn: Gain a solid architectural understanding of ASP.NET Core MVC Explore the entire ASP.NET MVC Framework as a cohesive whole See how MVC and test-driven development work in action Learn what's new in ASP.NET Core MVC and how best to apply these new features to your own work See how to create RESTful web services and Single Page Applications Build on your existing knowledge of previous MVC releases to get up and running with the new programming model quickly and effectively Who This Book Is For: This book is for web developers with a basic knowledge of ASP.NET and C# who want to incorporate the latest improvements and functionality in the new ASP.NET Core MVC Framework.

In-depth coverage of the major Visual Studio 2015 revamp Professional Visual Studio 2015 is the leading pro's guide to new and upgraded features of Microsoft Visual Studio. With a unique IDE-centric approach and deep dive into the software's many nooks and crannies, this book will bring you up to speed quickly on everything Visual Studio 2015 has to offer. Whether you're new to Visual Studio or just upgrading,

you'll appreciate in-depth, professional explanation of updates, features, and support. Visual Studio 2015 is packed with improvements that increase productivity, and this book walks you through each one in succession to help you smooth your workflow and get more accomplished. From customization and the interface to code snippets and debugging, the Visual Studio upgrade expands your options — and this book is your fast-track guide to getting on board quickly. The Visual Studios 2015 release fixes a number of issues that deterred many professionals from adopting VS 2013. Old products have been retooled, and new features are aimed at productivity enhancement and fixes to UI. Fully aligned with VS 2015, this guide walks you through the changes and helps you incorporate helpful new features into the way you work. Discover new options for themes, displays, and settings Learn the new workflow and shortcuts to ASP.NET code Master improved debugging and unit testing support capabilities Exploit changes to Windows STORE apps, phone apps, Azure, and SharePoint NB: There are Video Tutorials supporting this eBook. Link to video training is inclusive. ASP.NET MVC gives you a potent, patterns-based way to build dynamic websites. MVC 5 includes features that enable rapid, test-driven development—and it is a version every .NET developer needs to know to meet the latest web standards. Join Mike Sullivan for an in-depth look at the MVC 5 framework. He demonstrates how a typical MVC application is structured, and shows how to work with views, models, and data, including developing database objects with the Entity Framework. Michael also explores how to secure applications with the ASP.NET Identity system, create and conduct unit tests, use JavaScript libraries to communicate with controllers and pass data to client-side scripts, and deploy to cloud-based platforms like Azure and AppHarbor. Two hands-on

practice challenges allow you to test what you have learned along the way. Topics include: • Exploring ASP.NET routing • Applying action selectors • Working with layouts • Employing HTML helpers • Displaying and validating model properties • Generating database objects with Entity Framework • Adding transactions • Authenticating users • Unit testing • Performing partial page updates with Ajax and jQuery • Deploying ASP.NET MVC applications ASP.NET MVC makes use of activity methods to allow you in discovering the essential functionalities. Similarly users can also identify and discover all the essential functionalities of Web API also. However beginners often have a hard time in adopting the ASP.NET MVC methodology and also how to proceed with a Web API. Let's take a close look on some of the key differences between ASP.NET MVC as well as Web API which might be of help for beginners while selecting between the two. Discover the most important features of Web Application Interfaces There are instances during which ASP.NET MVC might satisfy your requirements. Since ASP.NET MVC is usually attached to single and specific web application, it is known to have the ability to uncover the entire type of application requirements instantly with the help of AJAX. Thus ASP MVC controller avoids the need to create a new API as the methodology has the potential to work quickly for uncovering the essential necessities for any given application while working with web applications. However if you are willing to make a comprehensive REST services that are not at all attached with any single application, then Web API would be the best choice to work with. Web API services serves the best if you are looking forward for a rich and flawless solution and also if the application functionalities are mostly information driven. However ASP.NET MVC is the best choice if you are about to work with UI/View driven programming methodologies that ranges from Ajax driven

pages as well as stacking HTML sections etc. Information Groups that needs to be managed The output of an ASP.NET MVC would be displayed in the form of HTML mark-up or JSON form since ActionResult or JsonResult is returned by a model view controller. The essential working features could be uncovered by harnessing the potential of activity strategies whenever the information groups suffice the requirements during a specific event. However Webpage API will choose the information process wherein the form of Accept Header is taken in to consideration whereas the MVC controller indicates the working design in the form of ActionResult or JsonResult while comprising the action methods. Content Transaction The returning content in the Accept Header format are what content transaction is all about. The content could be sent in different formats such as images or documents to the clients while working along with Web API whereas in most of the instances the content information would be sent either as JSON or XML. Functioning as a Self-Hosting Internet Information Service has to be hosted for uncovering essential features available through a MVC controller. However Web API allows you to have an API within a custom hosting phase since Web API is considered to be a controlling system. This helps Webpage API to be hosted in a custom host that is lightweight as it allows Web API to avoid various overheads of Internet Information Service. This is utilized to the maximum especially with services that are quickly verified by several clients such as desktop applications, console applications and web applications etc. How important are the marks for strategy? HTTP verb based mapping for methods are often utilized by Web API. It has to be taken note that the same HTTP verb could not have various techniques and the only exception to mention would be the GET method which allows you to work with two methods. The knowledge of configuration

confinements is also desirable to work with Web APIs. However there are no such limitations during an event of MVC Controller. The MVC model binding process often deals with the mapping procedure by making use of parameters of an action method. However both ASP.NET MVC as well as Web API could be used within a single web application depending on your requirements. Get more insights from this eBook!

"Introduction to ASP.NET MVC 6 is a concise and fast-paced look into the new built-in features and newly consolidated Web API framework in ASP.NET 5 and MVC 6 that will revolutionize how you build web applications. Well build a quintessential task application in this course. It will incorporate more than one view, which covers the new features of both ASP.NET 5, MVC 6, and Entity Framework 7, all while building something familiar. Well start by leveraging the scaffolding framework to build a new clean project, then well break it down so you understand some of the new components as well as the new folder structure. With this foundation in place, youll see how to use the built-in dependency injection framework to recover data with the repository pattern. Then well move on to CRUD operations and visually finishing the product offering. Next, we introduce Tag Helpers to make the Razor views more concise and will look at how they flow into Validation in MVC 6. Well then customize the Identity User model and secure this application using the new Identity Framework. Well add a secure Web API so we can use different client-side frameworks such as Angular. Finally, well explore the built-in Logging framework in ASP.NET 5 and see how we can leverage it to meet our needs! When you step away from this course, youll feel much more comfortable digging into the new ASP.NET 5 framework and its components in MVC 6 and EF 7 with the rebuilt ASP.NET!"--Resource description page.

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