



HEROTEC
NETWORK PROFESSIONAL TRAINING

Essentials of Developing Windows® Store Apps Using C#

Related Certificate	Microsoft Development
Course ID	20-484
Related Exams	70-484
Audience	Developers
Hours	40

Overview:

In this course students will learn essential programming skills and techniques that are required to develop Windows Store apps. This includes a combination of both design and development skills, as well as ensuring that students are comfortable using and making the most of the Visual Studio and Expression Blend tools.

Objectives:

After completing this course, students will be able to:

- Describe review the Windows 8 platform and features, and explore the basics of a Windows app interface.
- Create the User Interface layout and structure by using XAML.
- Use data binding to present data in the UI.
- Implement the AppBar and layout controls.
- Handle files and streams.
- Respond to application lifecycle events using Process Lifetime Management and the PLM extensibility points provided by the Visual Studio 2012 templates.
- Use templates to create the UI.
- Handle navigation scenarios in a Windows Store app.
- Design and implement contracts such as Search, Share and Settings.
- Implement tiles and toast notifications in a Windows Store app.
- Respond to mouse, keyboard and touch events, including gestures.
- Deploy a Windows Store app to the Windows Store or an enterprise store.

Outlines:

Module 1: Overview of the Windows 8 Platform and Windows Store Apps

Module 2: Creating User Interfaces using XAML

Module 3: Presenting Data

Module 4: Implementing Layout using Windows 8 Built-In Controls

Module 5: Handling Files in Windows Store Apps

Module 6: Windows Store App Process Lifetime Management

Module 7: Working with Resources, Styles, and Templates

Module 8: Designing and Implementing Navigation in a Windows Store App

Module 9: Implementing Windows 8 Contracts

Module 10: Implementing Tiles and User Notifications

Module 11: Designing and Implementing a Data Access Strategy

Module 12: Responding to Mouse and Touch

Module 13: Planning for Windows Store App Deployment

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