Essentials of Developing Windows Store Apps Using HTML5 and JavaScript

20481B

Delivery Type: Classroom
Duration: 5 days

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 Microsoft Visual Studio and Expression Blend tools.

This course maps to the 70-481 exam.

Audience Profile:

This course is intended for professional developers who have one or more years of experience creating applications and who are comfortable programming in HTML5, JavaScript, and CSS3

Course Completion:

After completing this course, students will be able to:

- ✓ Describe the Windows 8 platform and features, and explore the basics of a Windows app interface.
- ✓ Create the User Interface layout and structure.
- ✓ Apply the MVVM pattern to application design.
- ✓ Implement the AppBar and layout controls.
- ✓ Use templates to create the UI.
- ✓ Use data binding to present data in the UI.
- ✓ Handle files and streams.
- ✓ Design and implement Process Lifetime Management (PLM).
- ✓ Handle navigation scenarios in a Windows Store app.
- ✓ Implement Semantic Zoom.

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- ✓ 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.

Prerequisites:
- ✓ 1 or more years of experience creating applications
- ✓ 1 to 3 months experience creating Windows client applications
- ✓ 1 to 3 months experience using Visual Studio 2010 or 2012
- ✓ Attended Course 20480B: Programming in HTML5 with JavaScript and CSS3, or equivalent knowledge