

MOC20481

Essentials of  
Developing  
Windows Store  
Apps Using  
HTML5 and  
JavaScript

**MODULE 1: OVERVIEW OF THE WINDOWS 8 PLATFORM AND WINDOWS STORE APPS**

- ✓ Introduction to the Windows 8 Platform
- ✓ Windows 8 User Interface Principles
- ✓ WinRT and Language Projections

**MODULE 2: SINGLE-PAGE APPLICATIONS AND THE MVVM DESIGN PATTERN**

- ✓ Single-Page Applications
- ✓ The MVVM Design Pattern

**MODULE 3: USING WINJS**

- ✓ The WinJS Library
- ✓ WinJS APIs

**MODULE 4: IMPLEMENTING LAYOUT USING WINDOWS 8 BUILT-IN CONTROLS**

- ✓ Windows 8 Layout Controls
- ✓ Implementing WinJS Controls and Templates
- ✓ The AppBar Control
- ✓ Snap and Fill

**MODULE 5: PRESENTING DATA**

- ✓ Working with Data Presentation Controls
- ✓ The ListView Control

**MODULE 6: HANDLING FILES IN WINDOWS STORE APPS**

- ✓ Handling Files and Streams in Windows Store apps
- ✓ Working with File User Interface Components

**MODULE 7: WINDOWS STORE APP PROCESS LIFETIME MANAGEMENT**

- ✓ Process Lifetime Management
- ✓ Launching Windows Store Apps
- ✓ Implementing State Management Strategy

**MODULE 8: DESIGNING AND IMPLEMENTING NAVIGATION IN A WINDOWS STORE APP**

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- ✓ Handling Navigation in Windows Store apps
- ✓ Semantic Zoom

#### MODULE 9: IMPLEMENTING WINDOWS 8 CONTRACTS

- ✓ Designing for Charms and Contracts
- ✓ The Search Contract
- ✓ The Share Contract
- ✓ Managing App Settings and Preferences

#### MODULE 10: IMPLEMENTING TILES AND USER NOTIFICATIONS

- ✓ Implementing Tiles, Live Tiles, Secondary Tiles, and Badge Notifications
- ✓ Implementing Toast Notifications

#### MODULE 11: DESIGNING AND IMPLEMENTING A DATA ACCESS STRATEGY

- ✓ Evaluating Data Access Strategies
- ✓ Working with Remote Data

#### MODULE 12: RESPONDING TO MOUSE AND TOUCH

- ✓ Working with Mouse Events
- ✓ Working with Gesture Events

#### MODULE 13: PLANNING FOR WINDOWS STORE APP DEPLOYMENT

- ✓ The Windows Store App Manifest
- ✓ Windows Store App Certification
- ✓ Windows 8 Enterprise App Deployment

**Sono previste esercitazioni pratiche su tutti gli argomenti trattati.**