

Developing advanced Windows Store apps using HTML5 and JavaScript (70-482) exam preparation



DPIC-38 5 Days (35 Hours)

Description

This training will teach you to design and develop, using advanced features, Windows Store applications with HTML5 and JavaScript languages. This course covers all the topics necessary to prepare for the Microsoft 70-482 exam.

Who is this training for ?

For whom

Application developers.

Prerequisites

Aucune

Training objectives

- Learn how to develop Windows Store apps using HTML5 and JavaScript
- Know how to manage the application's storage and caching of information
- Add animations and transitions to a Windows Store app

Training program

Introduction aux applications Windows Store

- Platform architecture and features.
- Process of creating user interfaces with HTML.
- The new WinRT API model.

Animations et globalisation

- How to add animations to your applications? Transitions and transformations.
- Resource files for localization.
- How to perform the animation culture-specific form? Hands-on work Create animations and transitions.
- Create resource files for localization.

Stratégie de marque et interface utilisateur

- Branding your app.
- The personalized splash screen.
- The interface and user experience.
- Practical work Create a splash screen for a Windows Store application.

Stockage de données avancé

- Use file storage wisely.
- Use caching.
- File extensions and application associations.
- Compression files.
- Practical work Example of data caching.

Composants et contrôles réutilisables

- Know how to customize controls.
- Create new components.
- Reuse components.
- Practical work Creation of a custom control.

Scénarios de contrat avancés et WSN

- Reading and printing contracts.
- Contacts and calendars.
- PDF files and screenshots.
- The Windows Push Notifications (WNS) service.
- Communication with the WSN service.
- Practical work Example of adding PDF support.

Capteurs et périphériques

- Capturing images, videos and sounds.
- Using CameraCaptureUI and MediaCapture.
- Creating background tasks.
- Trial version and in-app advertising.
- Practical work Image capture example.
- Create a trial version.

Sécurisation et traçage d'applications Windows Store

- Windows Authentication and Web Authentication.
- Encrypt a Windows Store app.
- Analyzing and tracing an app.
- Practical work Example of encryption of a Windows Store application.