# Development of Microsoft SharePoint Server 2013 solutions (70-488)

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**DPIC-58    5 Days (35 Hours)**

## Description

This training will teach you how to use Visual Studio and SharePoint Designer to develop SharePoint applications. You will also see how to add Apps and customize the user interface through programming. This course covers all the topics necessary to prepare for the Microsoft 70-488 exam.

## Who is this training for ?

**For whom**

Developers.
**Prerequisites**

Aucune

## Training objectives

- Learn to develop SharePoint applications
- Create workflows with Visio 2013 and SharePoint Designer 2013
- Customize user interface elements programmatically

## Training program

L'environnement de développement

- The SharePoint development platform.
- Execution models.
- SharePoint objects.
- Websites.
- Practical work Create and deploy a SharePoint Web Part.
- Use managed code websites.

Les listes et bibliothèques

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We are at your disposal : De Lun - Ven 09h00-18h00

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- List objects.
- SharePoint libraries.
- Queries to obtain lists.
- Practical work Perform queries to retrieve lists of data.

## Le développement côté serveur

- Web Parts.
- Use event sinks to handle SharePoint events.
- Store and manipulate custom component configuration data.
- Practical work Develop an event receiver.

## La gestion de la sécurité

- Identity management in SharePoint 2013.
- Permissions and authentication.
- Managing authorizations programmatically.
- Practical work Example of security application.

## Les Apps et le développement côté client

- Introduction to SharePoint applications.
- The client-side object model for managed code.
- The client-side object model for JavaScript.
- The REST API with JavaScript.
- Apps hosted remotely.
- App architecture and packages.
- Publish, install and uninstall Apps from the system.
- Practical work Create a new SharePoint application.
- Example of a remotely hosted application.
- Install, update update and uninstall a SharePoint App.

## Le workflow dans SharePoint

- Use Visio 2013 and SharePoint Designer 2013 to build a workflow.
- Develop a workflow with Visual Studio 2012.
- Taxonomy in SharePoint 2013.
- Practical work Creating a workflow using Visio.
- Assembling workflows with SharePoint Designer.

## Personnalisation et gestion des sites

- Customized lists and sites.
- Site lifecycles.
- Customize the user interface.
- How to customize the 'branding? Adapt content for different devices.
- Configure and personalize the browsing experience for publishing sites.
- Hands-on Create a defining custom lists and sites.

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