Training Slides Review for QACRMDEV

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# Module 4 Lab A

This has serious problems – the CodeActivity lab could me improved in a number of ways

* Generate code activity template using Dynamics 365toolkit solution.
* accessing account data from the workflow execution context.
* Approaches to testing.

# Module 5 Lab A

Plugins – a number of problems.

* Should generate plugins using the Dynamics 365 toolkit solution.
* The web service used in the lab no longer works.
* The lab should lead the user to deploy the plugin using the Dynamics 365 toolkit.
* Cover various approaches to testing.

# Slides Feedback

General note – in the files supplied there is a LABS.Zip file that appears to only include labs for Labs 1 and 2.I have assumed that labs for modules 3-8 are unchanged.

# Module 0

Fine – no comment.

# Module 1

## Slide 4

I would suggest Visual Studio 2017 as the developer environment.

Dynamics 365 SDK is deprecated – but you can download various parts form Microsoft.

Fiddler is generally less – Chrome dev tools are recommended.

Nuget – is critical to Dynamics CRM development.

Ribbon Workbench is part of Xrm Toolbox

+ Entity Metadata browser

+ Unit testing frameworks – Xrm

+ CRMRestbuilder

+ SSIS Kingswaysoft CRM adapter

## Side 6

You need to mention the new Unified Interfaces offers a more modern responsive interface and the ability to create “Apps” with a user interface (sitemap) that can be targeted to specific subsets of users.

## Slide 7

Xrm.Page is becoming a legacy interface –

## Slide 9

Dialogs are now deprecated.

# Module 1 Lab A

Need to emphasise that it is almost always preferable to use nuget to reference the Microsoft Xrm SDK.

However, to use the Microsoft Dynamics 365 Developer Toolkit we do need reference directories containing the SDK bin directory (updated for V9) and the plugin registration tool. (V9).  
I would regard this requirement as a flaw in the Developer toolkit (although it does not seem to be getting a lot of love from Microsoft at the moment)

Need to update for VS 2017 and .Net core vs .Framework

Need to update .Net framework to 4.6.2

# Module 2

## Slide 5

Need to make very clear that the preferred way to reference SDK DLLs is to use nuget.

Referencing .dlls directly in the SDK is poor practice and strongly deprecated.

## Slide 11

Need to reference the Microsoft.CrmSdk.XrmTooling nuget packages.

## Module 2 Lab A.

Page 7, point 3. Do not tell trainees to add hard references to Microsoft.Xrm.SDK.dll They should be adding a reference to the Nuget package Microsoft.CrmSdk.coreAssemblies.

## Module 2 Lab B.

Page 1 point 3. Do not explicitly reference SKD files. Use nuget to reference Microsoft.CrmSdk.XrmToolinig.CoreAssembly.

## Slide 27

Mention Late bound entities and use of GetAttributevalue<>() to return typed values.

## Slide 31

Says that the example uses Late binding when it uses Early binding.