SharePoint 2013 Developer, Part 15 of 15: Designer

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Meet the expert: Tim McCarthy is a senior solutions architect with Perficient who designs and builds highly scalable, layered web, desktop, and mobile applications utilizing the latest Microsoft platforms and technologies.

Prerequisites: This course assumes that students have some Web development background and some experience using Visual Studio 2012.

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Course description: SharePoint 2013 offers an entirely new platform for creating workflows, it is called Workflow Manager. This is a completely redesigned workflow infrastructure that is built on Windows Workflow Foundation 4 (WF4). SharePoint 2010 workflows are still supported but the new platform offers many advantages, and the tooling in SharePoint Designer 2013, Visio 2013, and Visual Studio 2013 has improved considerably to take advantage of the new platform. After viewing this course you will have the knowledge of how to build workflows on the new platform using all three of these tools, and also have a solid decision tree of when to use each tool.

Course outline:

Whats New
- Introduction
- What's new in SP Server 2013
- What's new in SP Server (cont.
- Workflow Platform 2010 vs 2013
- Workflow Manager 1.0
- Workflow Manager Demo
- Summary

SharePoint Designer
- Introduction
- Workflow Changes in SP Design
- Workflow Changes in SP (cont.)
- SP Designer 2013 Workflow
- Workflow Startup Options
- Create a workflow in SD Demo
- Elements of Designer Workflows
- Stages, Loops, and Steps
- Conditions
- Actions
- Create steps w/ Workflow Demo
- Summary

Visio
- Introduction
- Designing Workflows with Visio
- Demo: SP Designer with Visio 1
- Demo: SP Designer with Visio 2
- Summary

Visual Studio
- Introduction
- Visual Studio 2013
- SP Designer vs. Visual Studio
- SP Designer vs. VS - cont.
- Demo: Migrate Workflow 2010
- Demo: Create 2013 Workflow
- Demo: 2013 Workflow
- Demo: 2013 Workflow – deploy
- Demo: 2013 Workflow – review
- Summary