Microsoft Dynamics 365: Finance and Operations Apps Developer

Kód kurzu: MOC MB-500

Microsoft Dynamics 365 Finance and Operations Apps Developers implement and extend applications to meet the requirements of the business. Candidates provide fully realized solutions by using standardized application coding patterns, extensible features, and external integrations.

Who is the course for

Microsoft Dynamics 365 Finance and Operations Apps Developers

Teaching methods

Professional explanation with practical samples and examples.

Course outline

Module 1: Overview &Architecture

Describe the Dynamics 365 ecosystem and major components of the Dynamics 365 Finance and Operations (FO) software, describe the architecture of D365FO, describe relevant D365FO design and deployment considerations

Module 2: Developer Tools

Manage system implementations by using Lifecycle Services, Customize D365FO by using Visual Studio, Manage source code and artifacts by using version control, Work with other development tools to complete tasks

Module 3: Solution Design

Determine the required application stack components and server architecture, Implement Application Lifecycle Management (ALM), Design a solution for D365FO

Module 4: AOT Elements

Create forms, Create and extend tables, Create Extended data Types (EDT) and enumerations, Create classes and extend AOT elements

Module 5: Code Development &Testing

Develop X++ code, Develop object-oriented code, Extend D365 FO functionality, Describe test framework and tools, Perform Unit Testing

Module 6: Data Migration

Describe migration tools and methodologies, Plan Migration strategy, Prepare data for migration and migrate data

Module 7: Frameworks

Implement D365 FO functionality

Module 8: Integration

Identify Data integration patterns and scenarios, Implement Data integration concepts and solutions, Implement Recurring integrations, Integrate D365FO with Microsoft Azure, Troubleshoot integration errors, Implement the Data Management Package API

Module 9: Reporting

Describe the capabilities and limitations of reporting tools in D365FO, Design, create, and revise Dynamics Reports, Design, create, and revise Dynamics workspaces, Design, create, and revise data sources that connect to data stores external to D365FO

Module 10: Security &Performance

Describe and implement performance tools and LCS Environment Monitoring tools, Implement role-based security policies and requirements, Apply fundamental performance optimization techniques, Optimize performance for batch

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processes, Optimize user interface performance, Enhance Integration performance, Optimize Report Performance

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