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MB-500: Microsoft Dynamics 365 Finance and Operations Apps Developer

Training Overview

This course is designed for developers who want to specialize in building and extending Microsoft Dynamics 365 Finance and Operations applications. It covers the core development concepts required to customize, integrate, and extend D365 F&O solutions using Microsoft's best practices.

Participants will learn how to work with Visual Studio and X++, develop custom business logic, create and extend forms, reports, and data entities, as well as manage integrations using RESTful APIs, OData, and Azure services. The training also covers performance optimization, lifecycle services (LCS), source control, and deployment strategies.

By the end of this course, learners will have the skills and confidence to develop robust, scalable solutions within D365 F&O and will be well-prepared for the **MB-500 certification exam**.

Training Topics

Introduction to Developing with Finance and Operations Apps

- Explore the ecosystem and main components
- Explore technical architecture
- Explore design and deployment considerations
- Manage implementations by using lifecycle services
- Work with performance and monitoring tools
- Manage source code by using version control
- Explore the test framework and tools
- Explore reporting tools



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Build Finance and Operations Apps

- Set up and work in Developer environment
- Start developing by using Visual Studio
- Build extended data type and enumerations
- Build data models
- Build form and optimize form performance
- Create classes
- Implement role-based security
- Build reports
- Build workspaces

Extend Finance and Operations Apps

- Explore extension and the extension framework
- Extend elements
- Consume business events
- Work with class extensions

Connect to Finance and Operations Apps

- Explode data integration concepts
- Work with synchronous integration
- Implement the data management package API
- Work with asynchronous integrations
- Prepare data for migration
- Managed data sources with external data stores
- Integrate with Microsoft Azure
- Connect to Microsoft Power Platform Services

Migrate Data and Go Live

- Prepare data for migration
- Work with data management
- Perform user acceptance testing



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- Prepare to go live

Configure and work with analytics and reporting

- Work with analytics and reporting
- Configure electronic reporting