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

Duration: 5 Days **Course Code: M-MB500**

Overview:

In this course we discuss the tasks needed to fulfill the role of developer in Dynamics 365 Finance and Operations Apps. The Dynamics 365 Finance and Operations apps developer is a key technical resource that implements and extends the application to meet the requirements of the business.

Target Audience:

Microsoft Dynamics 365 finance and operations apps developers

Objectives:

- Introduction to developing with finance and operations apps
 - Build finance and operations apps
 - Extend finance and operations apps
 - Work with workflows in finance and operations apps
 - Connect to finance and operations apps
 - Work with tools and best practices to integrate finance and operations apps with Microsoft Power Platform
 - Migrate data and go live with finance and operations apps
 - Use RSAT with Dynamics 365 Commerce
 - Work with analytics and reporting in finance and operations apps
 - Configure electronic reporting in Dynamics 365 Finance
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Testing and Certification

- Microsoft Certified: Dynamics 365: Finance and Operations Apps Developer Associate
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Content:

Module 1: Introduction to developing with finance and operations apps

- Explore the ecosystem and main components of finance and operations apps
- Explore the technical architecture of finance and operations apps
- Explore design and deployment considerations for finance and operations apps
- Manage finance and operations apps implementations by using Lifecycle Services
- Work with performance and monitoring tools in finance and operations apps
- Manage source code by using version control in finance and operations apps
- Explore the test framework and tools in finance and operations apps
- Explore reporting tools in finance and operations apps

Module 2: Build finance and operations apps

- Set up a VHD for finance and operations apps
- Start developing for finance and operations apps by using Visual Studio
- Get started with development using X++ in finance and operations apps
- Develop object-oriented code in finance and operations apps
- Implement application lifecycle management in finance and operations apps
- Build extended data types and enumerations for finance and operations apps
- Build data models in finance and operations apps
- Build forms and optimize form performance in finance and operations apps
- Create classes in finance and operations apps
- Build reports for finance and operations apps
- Build workspaces in finance and operations apps
- Implement role-based security in finance and operations apps
- Apply basic performance optimization in finance and operations apps

Module 3: Extend finance and operations apps

- Explore extensions and the extension framework in finance and operations apps
- Extend elements in finance and operations apps
- Consume business events in finance and operations apps

Module 4: Work with workflows in finance and operations apps

- Use the workflow architecture, elements,

Module 5: Connect to finance and operations apps

- Identify data integration patterns and scenarios in finance and operations apps
- Implement data integration concepts and solutions for finance and operations apps
- Implement the Data management package API for finance and operations apps
- Data integrations with finance and operations apps
- Prepare data for migration to finance and operations apps
- Manage data sources with external data stores in finance and operations apps
- Integrate finance and operations apps with Microsoft Azure
- Connect to Microsoft Power Platform services with finance and operations apps

Module 6: Work with tools and best practices to integrate finance and operations apps with Microsoft Power Platform

- Review key dual-write concepts.
- Learn about dual-write alerts and how to set up alerts and automatic actions for planned and unplanned maintenance.
- Learn about the Pause and Resume features and error management scenarios.
- Explore troubleshooting techniques for dual-write setup, live sync, initial sync, and performance.
- Explore best practices and recommendations for dual-write integration.

Module 7: Migrate data and go live with finance and operations apps

- Prepare data for migration to finance and operations apps
- Work with data management in finance and operations apps
- Perform user acceptance testing in finance and operations apps
- Prepare to go-live with finance and operations apps

Module 8: Use RSAT with Dynamics 365 Commerce

- Learn about the features of RSAT.
- Learn how to use the Test recorder feature to create, configure, run, investigate, and report on test cases.

Module 9: Work with analytics and reporting in finance and operations apps

- Different types of reports and inquiries in finance and operations apps
- Financial reporting
- Configuring finance and operations apps for Microsoft Power Platform
- Generating and consuming inquiries and reports

Module 10: Configure electronic reporting in Dynamics 365 Finance

- Configure electronic reporting
- Use barcode data sources to generate barcode images
- Add a new electronic reporting provider and mark it as active
- Generate an electronic document in a specific format
- Create electronic reporting configurations

and actions

- Create and set up workflows
 - Configure workflow properties
 - Configure a manual task in a workflow
 - Configure an automated task in a workflow
 - Configure an approval process in a workflow
 - Assign users to workflow elements
 - Configure an approval step in a workflow
 - Use work items functionality
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Further Information:

For More information, or to book your course, please call us on 0800/84.009

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