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

Duration: 5 Days   **Course Code: M-MB500**   **Delivery Method: Company Event**

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.

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

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

Testing and Certification

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

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 bar code 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

Further Information:

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

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www.globalknowledge.com/en-be/