MB-500 Q&As

Microsoft Dynamics 365 Finance and Operations Apps Developer

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QUESTION 1

HOTSPOT

You are a Dynamics 365 Finance developer.

You need to add a new status named InTransit to the SalesTable.SalesStatus field and use the status in code.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Requirement	Action or code segment
Add the new status to SalesStatus.	Create an extension of SalesStatus. Create an overlay of SalesStatus. Create a new enumeration that extends SalesStatus. Duplicate SalesStatus and add an element.
Reference new values in code.	SalesStatus::InTransit SalesStatus.Extension::InTransit NewSalesStatus:InTransit SalesTable.SalesStatus

Correct Answer:

Answer Area

Requirement	Action or code segment
Add the new status to SalesStatus.	Create an extension of SalesStatus. Create an overlay of SalesStatus. Create a new enumeration that extends SalesStatus. Duplicate SalesStatus and add an element.
Reference new values in code.	SalesStatus::InTransit SalesStatus.Extension::InTransit NewSalesStatus:InTransit SalesTable.SalesStatus

Box 1: Create an extension of SalesStatus

To modify properties on an existing field in a table, you must first create an extension for the table.

Box 2: SalesStatus::InTransit

Incorrect Answers:

Overlay: Overlaying code, the now-outdated way to implement customer-specific functionality under Dynamics AX, involved customizing programming within Microsoft\\'s code and recompiling the application.

Reference:

https://docs.microsoft.com/sv-se/dynamics365/fin-ops-core/dev-itpro/extensibility/modify-existing-field

https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/extensible-enums

QUESTION 2

A company has an extension that makes changes to a base form.

You need to identify all extension changes made to the base form.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. In the search bar on the form extension element, enter the text c:.

B. In the search bar on the base form, enter the text e:.

C. Right-click the base form and select view references.

D. In the search bar on the form extension element, enter the text e:.

E. In the search bar on the base form, enter the text c:.

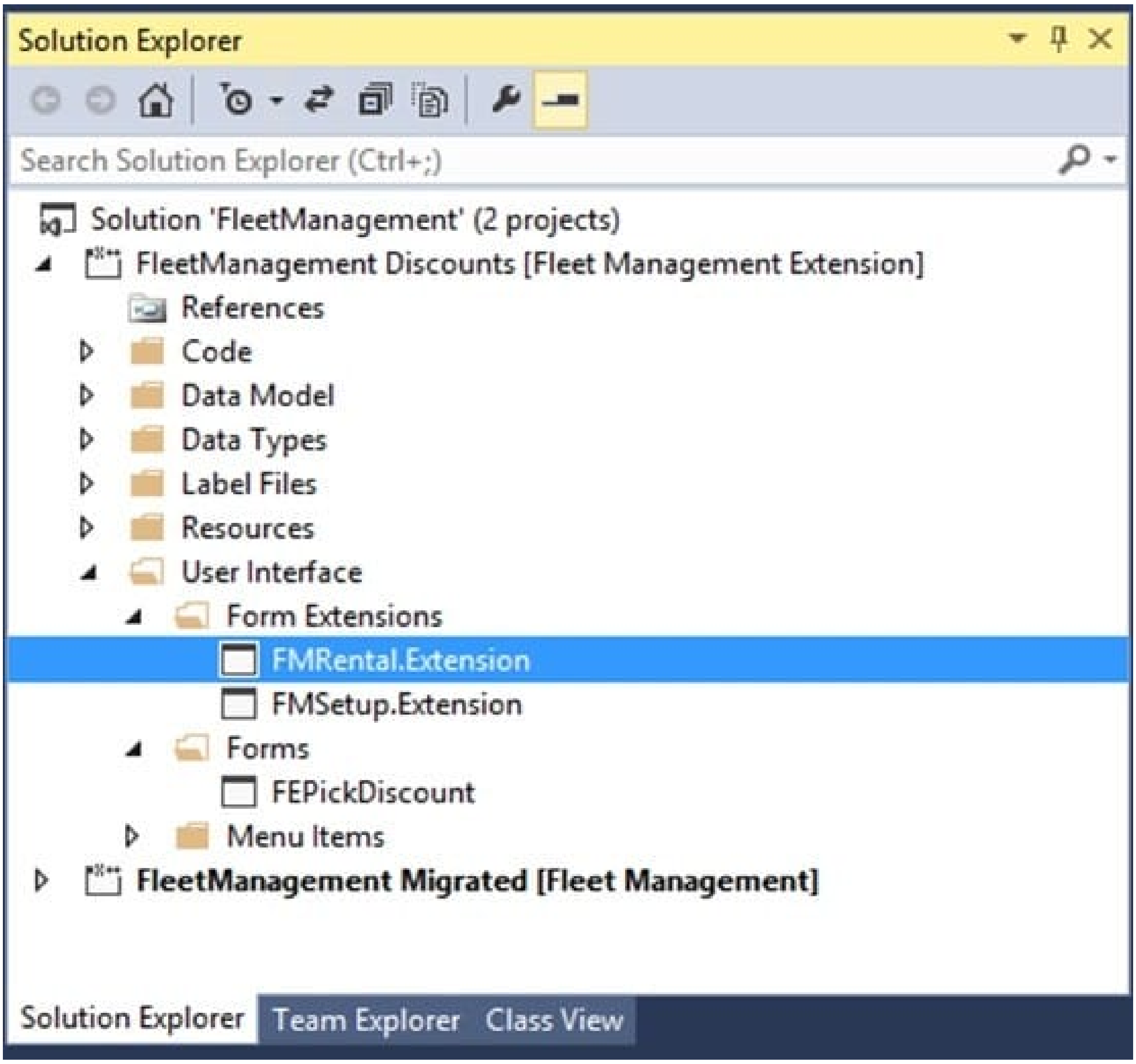
Correct Answer: CD

C: Customization and Extension

View references	Create a diagram that shows the other elements that reference the selected element.

D: Example: Navigate to FMRental.Extension in the Tree Designer

1. In the Visual Studio, in Solution Explorer, in the FleetManagement Discounts project, expand User Interface > Form Extensions.



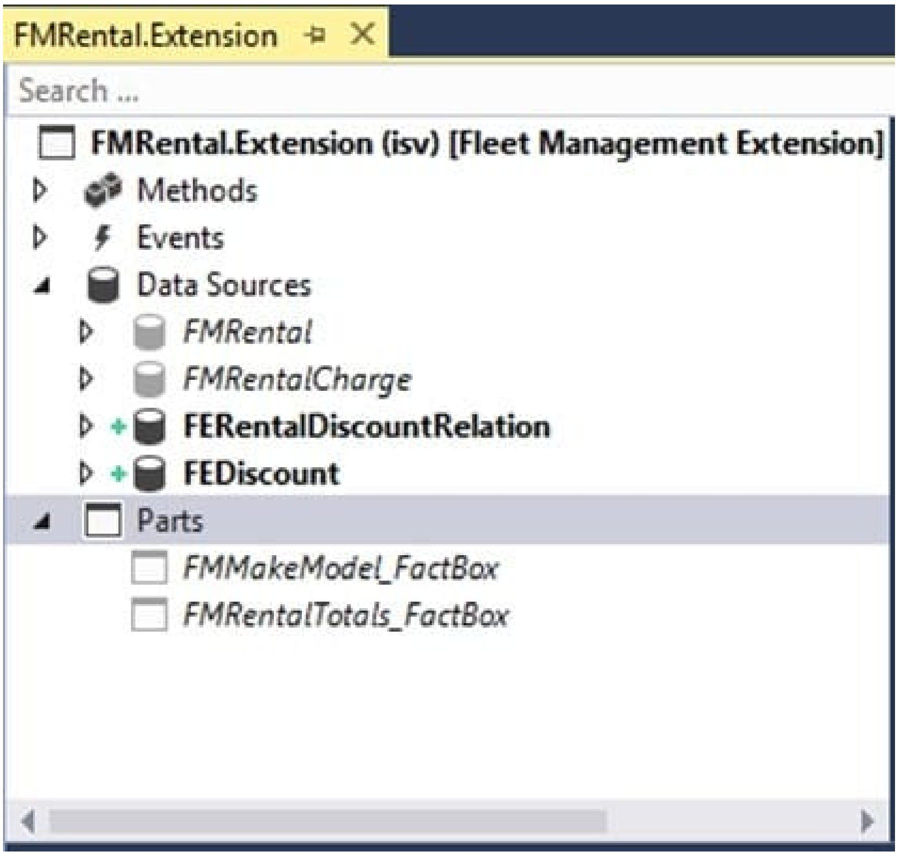
The FMRental.Extension element is an extension element that extends the functionality of the FMRental form by adding two new data sources and a new tab control.

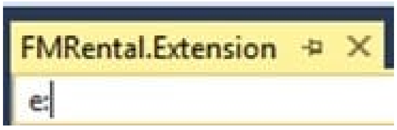
2.

In Solution Explorer, double-click FMRental.Extension to open the designer.

3.

In the designer\\'s search box, type \\'e:\\' as shown in the image below. This filters the current designer to only show nodes that belong to the current extension.





Reference: https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/extensibility/customize-model-elements-extensions

QUESTION 3

You need to apply a pattern to the newly created form to satisfy the requirements. Which form pattern should you apply?

A. Table of Contents

B. Simple Let and Details

C. List Page

D. Details Master

Correct Answer: B

The Simple List and Details (SL+D) pattern is used to maintain data for entities of medium complexity. Entities of medium complexity are those entities that have six or more fields. The Simple List pattern should be used for simple entities that

have fewer than six fields. There are some exceptions where entities that have up to 15 fields are still considered simple entities. The Simple List and Details pattern is prescribed when these conditions are met:

The underlying data has more than six fields.

There are between zero and five child data collections.

Three patterns are described in this document:

Simple List and Details – List Grid – This is the basic SL+D pattern. This is the pattern that should be used by default.

Simple List and Details – Tabular Grid – This is the SL+D pattern that should be used if the number of fields in the “simple list” part of the form is larger than expected (see the "Pattern changes" section later in this article).

Simple List and Details – Tree – This is the SL+D pattern that should be used if the “simple list” part of the form is actually a tree.

Form requirement: Munson\\'s Pickles and Preserves Farm must change the Inventory Status form to include more columns. It plans to create a table to enter the data for the Inventory Status form as a new data source. The company wants to

add both the Product Name field and Batch ID field to this new table. The current form includes the item number, location, license plate, product inventory dimensions, and quantity.

\\'The grid on the Inventory Status form must include the product name by using the item number and legal entity. The user interface must be created to include the new columns and the data must be available to add to the grid. The form must

have only an Action Pane, a Navigation List, a List Style Grid, a Details Header, and a Details Tab in the design and include the Load ID field.

Reference:

https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/user-interface/simple-list-details-form-pattern

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QUESTION 4

DRAG DROP

A company uses Dynamics 365 Finance.

You create the following tables.

Table	Requirement
TableA	Delete related data from other tables when data is deleted from TableA.
TableB	Prevent deletion of data from TableB if related data exists in another table.
TableC	Delete data if specific conditions are met.

You need to configure the system to meet the requirements. Which delete actions should you use? To answer, drag the appropriate delete action types to the correct scenarios. Each delete action may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Delete actions

- Cascade
- Restricted
- Cascade+Restricted

Table	Delete action
TableA	
TableB	
TableC	

Correct Answer:

Delete actions

Table	Delete action
TableA	Cascade
TableB	Restricted
TableC	Cascade+Restricted

QUESTION 5

A company uses Dynamics 365 Finance.

There are performance issues with the sales order list page and invoicing process.

You need to diagnose the issues by using the Performance timer.

Which two processes can the Performance timer monitor? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. the X++ process call stack

B. the time consumed by a client and a server

C. the metadata of a web

D. the longest-running SQL statement

Correct Answer: CD

Performance timer

To open a list page, for example, such as the purchase order list page, click the Performance timer. The following screenshot shows the separation between client time and server time, and the total time. Additionally, you can see a set of

performance counters and expensive server calls.

For more information about the server performance counters, click on any of the links.

Forms - Forms will show how many forms are currently open, plus the rate at which they opened and closed (per second), and a set of counters, such as the total amount of created or closed forms.

GC - This is information about the garbage collection processes on the server.

Web client session - This shows how many web client sessions you currently have and how many are in use.

Services Session provider - This is the total number of sessions created.

For more information, click a link. In the next screen, you can see how many SQL queries were triggered by this individual call and which SQL query was the most expensive.

This information can help you to understand what to trace and where to start troubleshooting.

Reference:

https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/perf-test/performance-timer