



# T410 Advanced Customization of Mobile Application

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# Timing and Agenda

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**October 11, 2023 -10:00 AM -11:00 AM**

**Day 1**

**Lesson 1.1: Adding Fields and Actions**

**Lesson 1.2: Configuring the Layout of the Screen**

**Lesson 1.3: Configuring Related Containers**

**Lesson 2.1: Finding Object Names in the WSDL Schema**

**Lesson 2.2: Making Use of a Redirection That Is Implemented in Acumatica ERP**

**October 12, 2023 -10:00 AM -11:00 AM**

**Day 2**

**Lesson 2.3: Mapping a Smart Panel**

**Lesson 3.1: Adding a URL Link on a Mobile App Screen**

**Lesson 3.2: Implementing Multiple Redirections**

**Lesson 3.3: Map an Action Using Workflow API**



Part 1: Configuring a Screen

Part 2: Redirecting the User to Different Containers and  
Screens

Part 3: Advanced Procedures

## Day 1

# Lesson 1.1: Adding Fields and Actions

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## Learning Objectives

In this lesson, you will learn how to do the following:

- Add a number of essential fields to the Invoices screen and learned how to map different types of actions.

## Figure: The actions' names in the WSDL schema

```
▼<s:complexType name="Actions">
  ▼<s:sequence>
    <s:element minOccurs="0" maxOccurs="1" name="Save" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="Cancel" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="Insert" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="Delete" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="CopyDocumentCopyPaste" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="PasteDocumentCopyPaste" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="SaveTemplateCopyPaste" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="First" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="Previous" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="Next" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="Last" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="InitializeState" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="ReleaseFromHold" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="VoidCheck" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="ViewBatch" type="tns:Action"/>

    <s:element minOccurs="0" maxOccurs="1" name="ImportDocumentPayment" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="ImportDocumentPaymentCreate" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="SOOrderShipmentDisplayShippingRefNoteIDLink" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddressLookup" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddressLookupSelectAction" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="ShippingAddressLookup" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="SOInvoiceLineSplittingExtensionShowSplits" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="SOInvoiceLineSplittingExtensionGenerateNumbers" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="SaveLoc" type="tns:Action"/>
  </s:sequence>
</s:complexType>
```

## Figure: The prepared customization project

The figure displays four sequential screenshots of a mobile application's 'Invoices' screen, illustrating a customization project. Each screenshot shows a list of invoices with various fields and a bottom navigation bar. Red circles and boxes highlight specific customization points:

- Circle 1:** Points to the item details section of the first invoice (Alta Ace).
- Circle 2:** Points to the 'Description' field of the second invoice (ABC Studios Inc).
- Circle 3:** Points to the 'Release' button in the top right corner of the third screenshot.
- Circle 4:** Points to the 'DETAILS' and 'TAXES' expandable sections at the bottom of the third screenshot.
- Circle 5:** Points to the 'Amount' field of the first invoice in the fourth screenshot.

Invoice #	Customer	Date	Type	Status	Description	Balance	Discount Total	VAT Exempt Total	VAT Taxable Total	DETAILS	TAXES
1	Alta Ace	Apr 3, 2023	Invoice	Balanced		199.00	0.00	0.00		>	>
2	ABC Studios Inc	Feb 16, 2023	Invoice	Open	Electronics - Drop Shipped Order	156,760.00	0.00	0.00		>	>
3	ABC Studios Inc	Jan 1, 2023	Invoice	Closed	Electronics - Drop Shipped Order	149,850.00	0.00	0.00		>	>
4	WFAN Radio	Feb 23, 2023	Invoice	Open	Tablet reader order - no shipping	17,043.00	0.00	0.00		>	>
5	Caribbean Secretary Online	Feb 2, 2023	Invoice	Open	Tablet reader order - no shipping	17,043.00	0.00	0.00		>	>

## Lesson 1.2: Configuring the Layout of the Screen

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### Learning Objectives



In this lesson, you will learn how to do the following:

- To configure different types of layouts on a mobile app screen.



**Figure: The header of the Invoices screen**

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× **Invoices**  

Type: Invoice

Status: Open

Customer: ABC Studios Inc

Description: Electronics - Drop Shipped Order

Date: Feb 16, 2023

Amount: 156,760.00

## Figure: The Financial Details group of the Invoices screen

The figure displays two side-by-side screenshots of the 'Invoices' screen in a mobile application. Both screenshots show the same header information: 'Invoices' title, status 'Open', date 'Feb 16, 2023', amount '156,760.00', customer 'ABC Studios Inc', and description 'Electronics - Drop Shipped Order'. The left screenshot shows the 'FINANCIAL DETAILS' section collapsed, while the right screenshot shows it expanded, revealing fields for 'AR Account \*', 'Branch \*', and 'AR Subaccount \*'. The 'DETAILS' and 'TAXES' sections are also visible in both screenshots.


Section	Field	Value
Invoices Header	Type	Invoice
	Status	Open
	Date	Feb 16, 2023
	Amount	156,760.00
Customer Info	Customer	ABC Studios Inc
	Description	Electronics - Drop Shipped Order
Financial Details (Expanded)	AR Account *	Accounts Receivable
	Branch *	Products Wholesale
	AR Subaccount *	Default
Other Sections	DETAILS	>
	TAXES	>

## Figure: The tabs on the Invoices screen

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×

Invoices



⋮

Type: Invoice

Date: Feb 16, 2023

Status: Open

Amount: 156,760.00

Customer: ABC Studios Inc

Description: Electronics - Drop Shipped Order

SUMMARY

OTHER

DETAILS

TAXES

FINANCIAL DETAILS

▼

# Lesson 1.3: Configuring Related Containers

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## Learning Objectives

In this lesson, you will learn how to do the following:

- To configure a many-to-one container opened from another container.

## Figure: The Add Order dialog box of the Details tab

Invoice - Alta Ace

DETAILS TAXES COMMISSIONS FREIGHT FINANCIAL ADDRESSES DISCOUNTS APPLICATIONS

ADD ORDER ADD SO LINE ADD RETURN LINE VIEW DEFERRALS RESET ORDER

ADD ADD & CLOSE CANCEL

Order Type	Order Nbr.	Shipment Nbr.	* Customer	* Location	* Shipment Date	Shipped Qty.
SO	SO007463	008038	AACUSTOMER	MAIN	4/5/2023	1.00

## Figure: The description of the Add Order dialog box

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```
▼<s:complexType name="AddOrder">
  ▼<s:sequence>
    <s:element minOccurs="0" maxOccurs="1" name="DisplayName" type="s:string"/>
    <s:element minOccurs="0" maxOccurs="1" name="Selected" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="OrderType" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="OrderNbr" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="ShipmentNbr" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="Customer" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="Location" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="ShipmentDate" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="ShippedQty" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="ServiceCommands" type="tns:AddOrderServiceCommands"/>
  </s:sequence>
</s:complexType>
```

## Figure: The ASPX code of the Add Order button

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```
<px:PXToolBarButton Text="Add Order" Key="cmdShipmentList">  
  <AutoCallBack Command="SelectShipment" Target="ds">  
    <Behavior PostData="Page" CommitChanges="True" ></Behavior>  
  </AutoCallBack>  
</px:PXToolBarButton>
```

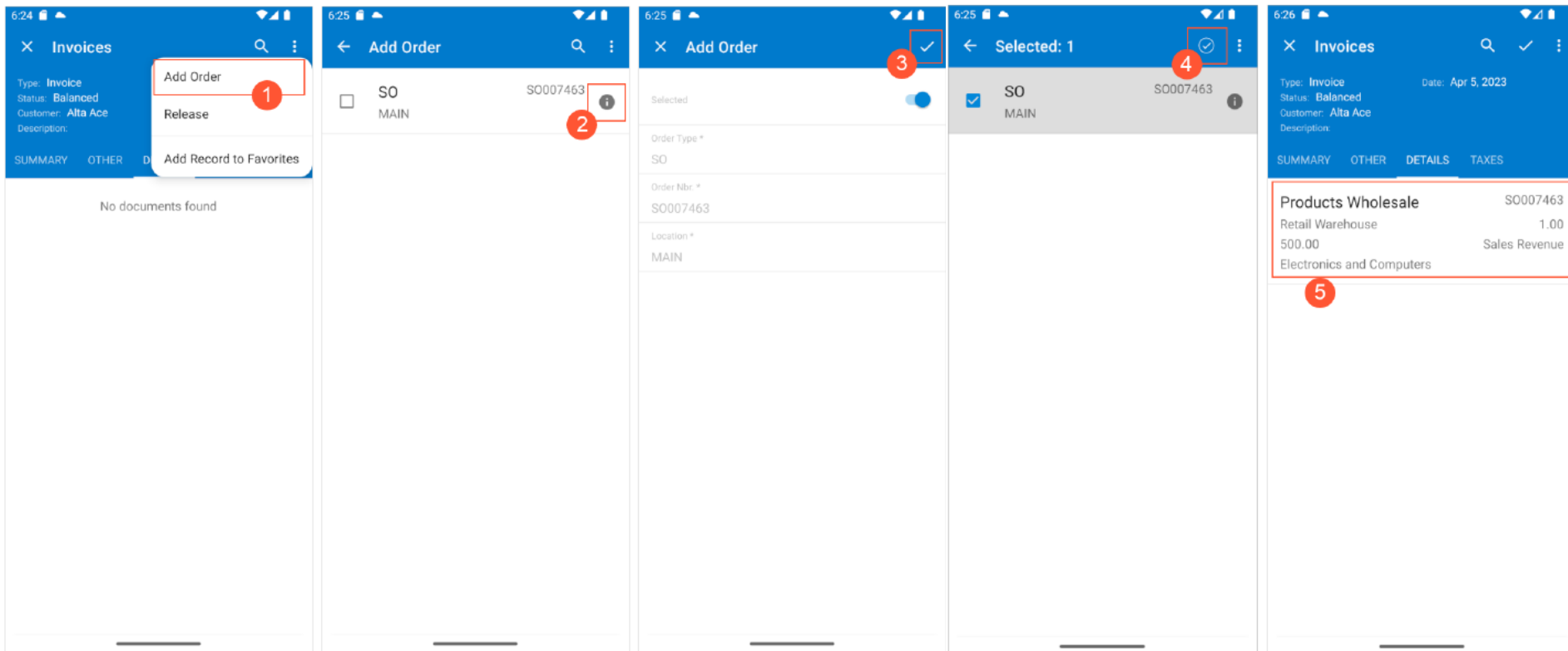
## Figure: The ASPX code of the Add Order dialog box buttons

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```
<px:PXPanel ID="PXPanel1" runat="server" SkinID="Buttons">
  <px:PXButton ID="PXButton1" runat="server" CommandName="AddShipment" CommandSourceID="ds" Text="Add" SyncVisible="false" ></px:PXButton>
  <px:PXButton ID="PXButton2" runat="server" DialogResult="OK" Text="Add & Close" ></px:PXButton>
  <px:PXButton ID="PXButton3" runat="server" CommandName="AddShipmentCancel" CommandSourceID="ds" DialogResult="Cancel" Text="Cancel" SyncVisible="false" ></px:PXButton>
</px:PXPanel>
```



## Figure: The Add Order screen



## Lesson 2.1: Finding Object Names in the WSDL Schema

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### Learning Objectives

In this lesson, you will learn how to do the following:

- To determine the name of objects (that is, containers, fields, and actions) in the WSDL schema.

## Figure: The Date field of the Invoices form in the InvoiceSummary complex type

```
▼ <s:complexType name="InvoiceSummary">
  ▼ <s:sequence>
    <s:element minOccurs="0" maxOccurs="1" name="DisplayName" type="s:string"/>
    <s:element minOccurs="0" maxOccurs="1" name="Type" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="ReferenceNbr" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="Status" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="Date" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="PostPeriod" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="CustomerOrderNbr" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="CuryViewState" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="ProjectContract" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="Description" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="Customer" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="Location" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="Currency" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="Terms" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="CashDiscount" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="ROTAndRUTDeductibleDocument" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="NoteText" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="ServiceCommands" type="tns:InvoiceSummaryServiceCommands"/>
  </s:sequence>
</s:complexType>
```

## Figure: The name of the Add Order action

Screen Editor: SQ303000 (Invoices)

EDIT ASPX PREVIEW CHANGES ...

LAYOUT PROPERTIES ATTRIBUTES EVENTS ADD CONTROLS ADD DATA FIELDS VIEW ASPX

Layout Properties Table:

Override	Property	Value
<b>Base Properties</b>		
<input type="checkbox"/>	AutoCallBack	
<input type="checkbox"/>	ActiveBehavior	
<input type="checkbox"/>	Argument	
<input type="checkbox"/>	Behavior	
<input type="checkbox"/>	Command	SelectShipment
<input type="checkbox"/>	Enabled	
<input type="checkbox"/>	Handler	
<input type="checkbox"/>	Target	ds
<input type="checkbox"/>	Images	
<input type="checkbox"/>	NavigateUrl	
<input type="checkbox"/>	PopupPanel	
<input type="checkbox"/>	Text	Add Order
<input type="checkbox"/>	Tooltip	
<b>Ext Properties</b>		
<input type="checkbox"/>	AlreadyLocalized	
<input type="checkbox"/>	CommandName	
<input type="checkbox"/>	DependOnGrid	

The name of the command of the callback request.

Left Panel (ActionBar-CustomItems):

- ↓ Levels
- ↓ ActionBar-CustomItems
  - Add Order**
  - Add SO Line
  - Add Return Line
  - View Deferrals
  - View Item
  - Reset Order
  - Insert Row
  - Cut Row
  - Insert Cut Row
- Taxes
- Commissions
- Freight
- Financial

## Lesson 2.2: Making Use of a Redirection That Is Implemented in Acumatica ERP

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### Learning Objectives

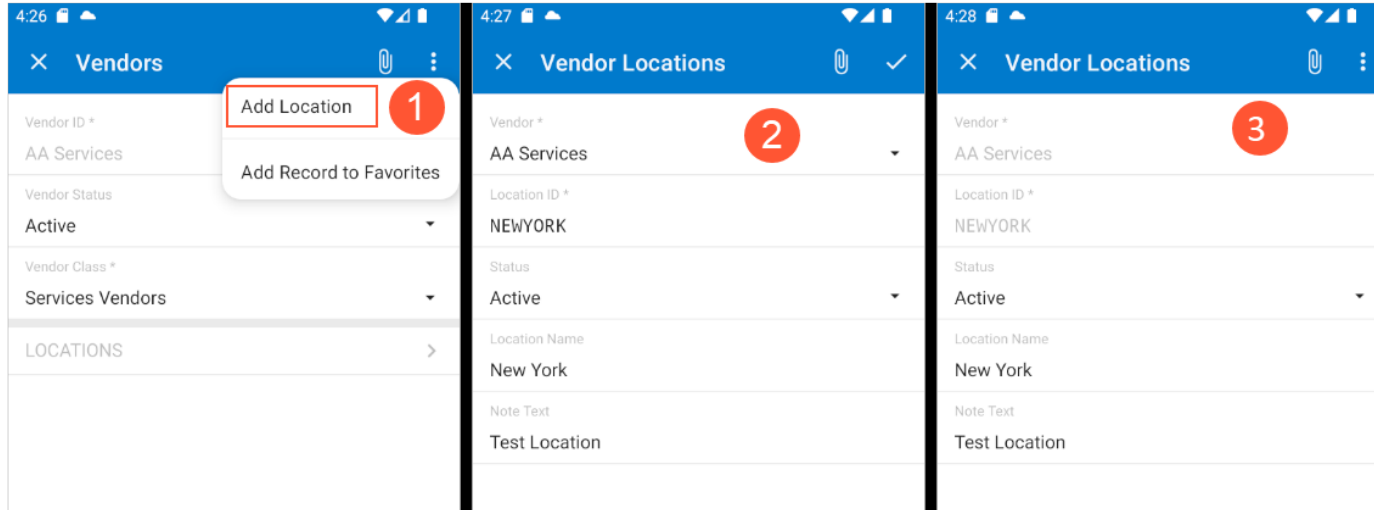
In this lesson, you will learn how to do the following:

- To map in the mobile app redirection from one screen to another when this redirection has already been implemented in Acumatica ERP.

## Figure: The Vendors screen

×	Vendors	📎	⋮
Vendor ID *			
AA Services			
Vendor Status			
Active			▼
Vendor Class *			
Services Vendors			▼
LOCATIONS			
			>

## Figure: Adding of a new vendor location



## Figure: Checking of the added location

The figure consists of three screenshots illustrating the process of checking a newly added location in the Acumatica system.

**Screenshot 1: Vendors Screen**

- Vendor ID \*: AA Services
- Vendor Status: Active
- Vendor Class \*: Services Vendors
- LOCATIONS** (highlighted with a red box and a red circle with the number 1)

**Screenshot 2: Locations Screen**

- Primary Location: Yes
- New York** (highlighted with a red box and a red circle with the number 2)
- Yes

**Screenshot 3: Locations Screen**

- Location Name: **New York** (highlighted with a red circle with the number 3)
- Active: ☒



## Day 2

## Lesson 2.3: Mapping a Smart Panel

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### Learning Objectives

In this lesson, you will learn how to do the following:

- To map a smart panel with a more complex layout. By using the dialog object, in which you will nest the container object.

## Figure: The Process Order dialog box

The screenshot shows a software interface for managing sales orders. A 'Process Order' dialog box is open, overlaying the main application window. The background window displays details for a sales order 'SO - Alta Ace', including fields for Order Type, Status, Date, Customer, Location, Contact, Currency, and Project. It also shows a summary of totals like Ordered Qty, Discount Total, VAT Exempt Total, VAT Taxable Total, Tax Total, and Order Total. The 'Process Order' dialog box contains sections for Warehouse ID, Shipment Date, Availability, Shipping, and Invoicing, each with specific options and checkboxes.

**Sales Orders**  
SO - Alta Ace

NOTES ACTIVITIES FILES CUSTOMIZATION TOOLS

QUICK PROCESS CREATE SHIPMENT HOLD ...

\* Order Type: SO \* Customer: AACUSTOMER - Alta Ace Ordered Qty.: 1.00  
Order Nbr.: <NEW> \* Location: MAIN - Primary Location Discount Total: 0.00  
Status: Open Contact: Amelia Armstrong VAT Exempt T...: 0.00  
\* Date: 4/9/2023 Currency: USD 1.00 VIEW BASE VAT Taxable T...: 0.00  
\* Requested On: 4/9/2023 \* Project: X - Non-Project Code. Tax Total: 0.00  
Customer Ord... Order Total: 500.00  
External Refer...

DETAILS TAXE

\* Branch

PRODWHC

computer

**Process Order**

Warehouse ID: RETAIL

SHIPMENT DATE

☒ Today  
☐ Tomorrow  
☐ Custom 4/9/2023

AVAILABILITY

All items available on the selected date.

SHIPPING

☒ Create Shipment  
☐ Print Pick List  
☒ Confirm Shipment  
☐ Print Labels  
☐ Print Shipment Confirmation  
☒ Update IN

INVOICING

☒ Prepare Invoice  
☐ Print Invoice  
☐ Email Invoice  
☐ Release Invoice

OK

On Hand 20.00 EA, Available 18.00 EA, Available for Shipping 18.00 EA, Allocated 0.00 EA

## Figure: The WSDL schema of the Sales Orders form

```
<?xml version='1.0' encoding='UTF-8'>
<xs:schema xmlns:tns="http://schemas.acumatica.com/WSDL/SalesOrdersForm" targetNamespace="http://schemas.acumatica.com/WSDL/SalesOrdersForm" >
  <xs:complexType name="ProcessOrder">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="DisplayName" type="s:string"/>
      <xs:element minOccurs="0" maxOccurs="1" name="WarehouseID" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="ShipmentDate" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="CustomDate" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="ServiceCommands" type="tns:ProcessOrderServiceCommands"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ProcessOrderPrintingSettingsServiceCommands">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="DeleteRow" type="tns:DeleteRow"/>
      <xs:element minOccurs="0" maxOccurs="1" name="DialogAnswer" type="tns:Answer"/>
      <xs:element minOccurs="0" maxOccurs="1" name="Attachment" type="tns:Attachment"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ProcessOrderAvailability">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="DisplayName" type="s:string"/>
      <xs:element minOccurs="0" maxOccurs="1" name="GreenStatus" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="YellowStatus" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="RedStatus" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="AvailabilityMessage" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="ServiceCommands" type="tns:ProcessOrderAvailabilityServiceCommands"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ProcessOrderShippingServiceCommands">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="DeleteRow" type="tns:DeleteRow"/>
      <xs:element minOccurs="0" maxOccurs="1" name="DialogAnswer" type="tns:Answer"/>
      <xs:element minOccurs="0" maxOccurs="1" name="Attachment" type="tns:Attachment"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ProcessOrderShipping">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="DisplayName" type="s:string"/>
      <xs:element minOccurs="0" maxOccurs="1" name="CreateShipment" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="PrintPickList" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="ConfirmShipment" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="PrintLabels" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="PrintShipmentConfirmation" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="UpdateIn" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="ServiceCommands" type="tns:ProcessOrderShippingServiceCommands"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ProcessOrderInvoicingServiceCommands">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="DeleteRow" type="tns:DeleteRow"/>
      <xs:element minOccurs="0" maxOccurs="1" name="DialogAnswer" type="tns:Answer"/>
      <xs:element minOccurs="0" maxOccurs="1" name="Attachment" type="tns:Attachment"/>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="ProcessOrderInvoicing">
    <xs:sequence>
      <xs:element minOccurs="0" maxOccurs="1" name="DisplayName" type="s:string"/>
      <xs:element minOccurs="0" maxOccurs="1" name="PrepareInvoicePrepareInvoiceFromShipment" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="PrepareInvoicePrepareInvoice" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="PrintInvoice" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="EmailInvoice" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="ReleaseInvoice" type="tns:Field"/>
      <xs:element minOccurs="0" maxOccurs="1" name="ServiceCommands" type="tns:ProcessOrderInvoicingServiceCommands"/>
    </xs:sequence>
  </xs:complexType>
</xs:schema>
```

## Figure: The Process Order smart panel

**Sales Order**

Order Nbr.: SO007466  
Status: Open  
Ordered Qty.: 1.00

**SUMMARY**

Order Type \*  
SO

Date \*  
Apr 9, 2023

Customer \*  
AACUSTOMER - Alta Ace

Location \*  
MAIN - Primary Location

Contact  
Amelia Armstrong

Description

Notes

**SHIPPING**

**PAYMENT SETTINGS**

**Process Order**

Warehouse ID  
Retail Warehouse

Shipment Date  
0

Custom Date  
Apr 10, 2023

AvailabilityMessage  
All items available on the selected date.

Create Shipment

Print Pick List

Confirm Shipment

Print Labels

Print Shipment Confirmation

Update IN

Prepare Invoice

## Lesson 3.1: Adding a URL Link on a Mobile App Screen

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### Learning Objectives

In this lesson, you will learn how to do the following:

- To add to a mobile app screen a link to an external URL. By using the described approach, you can implement any logic in a custom action and map it to the mobile app.

## Figure: The new button on the Invoices form

Invoices

Invoice

NOTES ACTIVITIES FILES CUSTOMIZATION TOOLS

RELEASE HOLD TEST URL

Type: Invoice \* Customer: Reference Nbr.: <NEW> Status: Balanced \* Date: 4/6/2023 \* Post Period: 04-2023 Customer Ord... \* Project/Contract: X - Non-Project Code. Description:

\* Location: \* Currency: USD 1.00 VIEW BASE \* Terms: \* Due Date: \* Cash Discount:

Detail Total: 0.00 Discount Total: 0.00 VAT Taxable T... 0.00 VAT Exempt T... 0.00 Tax Total: 0.00 Write-Off Total: 0.00 Balance: 0.00 Cash Discount: 0.00

DETAILS TAXES COMMISSIONS FREIGHT FINANCIAL ADDRESSES DISCOUNTS APPLICATIONS

ADD ORDER ADD SO LINE ADD RETURN LINE VIEW DEFERRALS RESET ORDER

Branch	Shipment Nbr.	Order Type	Order Nbr.	Inventory ID	Transaction Descr.
--------	---------------	------------	------------	--------------	--------------------

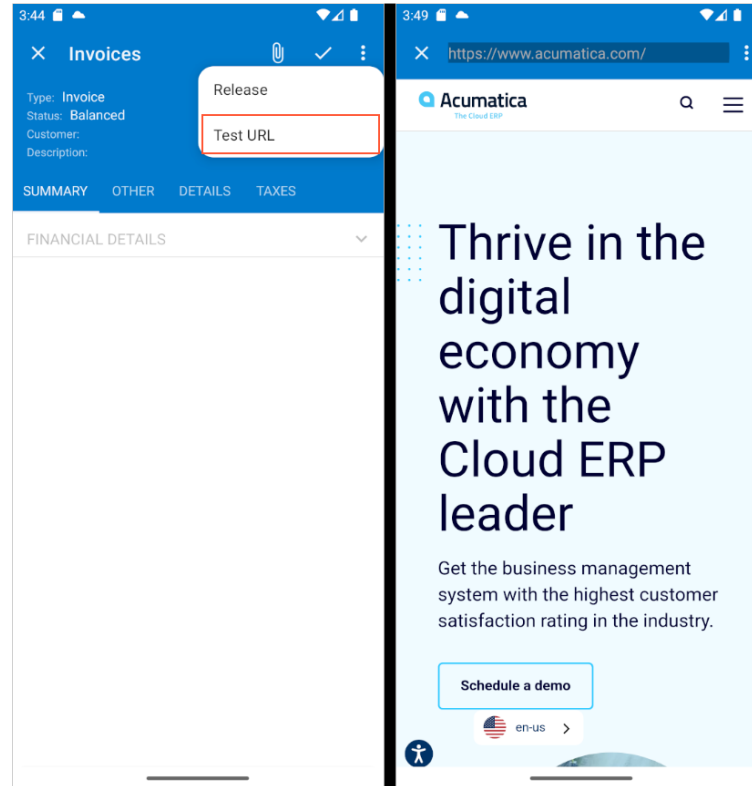
## Figure: The TestURL action in the WSDL schema

```
▼ <s:complexType name="Actions">
  ▼ <s:sequence>
    <s:element minOccurs="0" maxOccurs="1" name="ImportDocumentPaymentCreate" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="TestURL" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="SOOrderShipmentDisplayShippingRefNoteIDLink" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddressLookup" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddressLookupSelectAction" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="ShippingAddressLookup" type="tns:Action"/>
```



## Figure: A URL link in the mobile app

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## Lesson 3.2: Implementing Multiple Redirections

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### Learning Objectives

In this lesson, you will learn how to do the following:

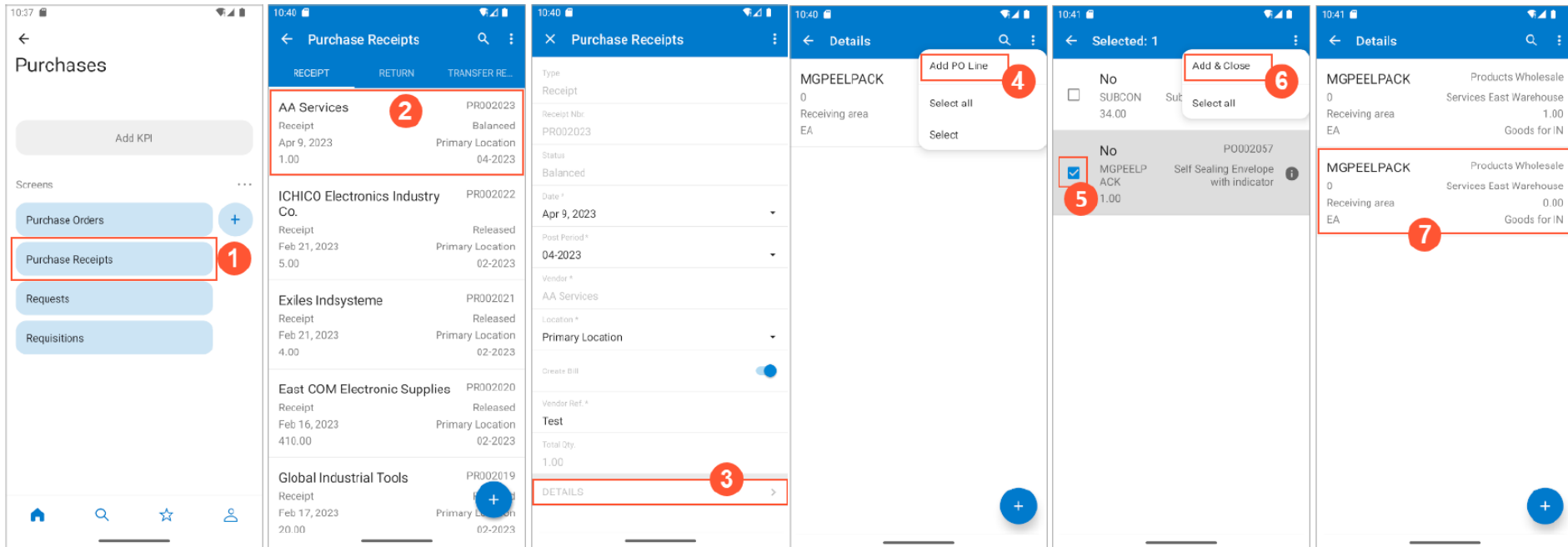
- To correctly map and configure multiple redirects to related containers.

# Figure: The Add PO Line action and the Add Purchase Order Line dialog box

```
<?xml version='1.0' encoding='utf-8'>
<s:complexType name="Actions">
  <s:sequence>
    <s:element minOccurs="0" maxOccurs="1" name="Save" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="Cancel" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="Insert" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="Delete" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="CopyDocumentCopyPaste" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="PasteDocumentCopyPaste" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="SaveTemplateCopyPaste" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="First" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="Previous" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="Next" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="Last" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="InitializeState" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="ReleaseFromHold" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="PutOnHold" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="Release" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="CreatePODocument" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="CreateDocDocument" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="NewActivityWorkflow" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="Notification" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddPOOrder" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddPOOrder2" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddTransfer" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddTransfer2" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddINTran" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddINTran2" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddPOOrderLine" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddPOOrderLine2" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddPOReceiptLine" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddPOReceiptLine2" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddPOReceiptReturn" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddPOReceiptReturn2" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddPOReceiptLineReturn" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="AddPOReceiptLineReturn2" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="ViewPOOrder" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="SOOrderShipmentDisplayShippingRefNoteIDLink" type="tns:Action"/>
    <s:element minOccurs="0" maxOccurs="1" name="ReleaseFromHoldProcessingCategory" type="tns:Action"/>
  </s:sequence>
</s:complexType>

<s:complexType name="AddPurchaseOrderLine">
  <s:sequence>
    <s:element minOccurs="0" maxOccurs="1" name="DisplayName" type="s:string"/>
    <s:element minOccurs="0" maxOccurs="1" name="Selected" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="OrderNbr" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="Vendor" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="LineType" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="InventoryID" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="Subitem" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="UOM" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="OrderQty" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="QtyOnReceipts" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="OpenQty" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="LineDescription" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="PromisedDate" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="MinReceipt" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="MaxReceipt" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="ReceiptAction" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="LineNbr" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="NoteText" type="tns:Field"/>
    <s:element minOccurs="0" maxOccurs="1" name="ServiceCommands" type="tns:AddPurchaseOrderLineServiceCommands"/>
  </s:sequence>
</s:complexType>
```

## Figure: Adding of a PO line to a purchase receipt



## Lesson 3.3: Map an Action Using Workflow API

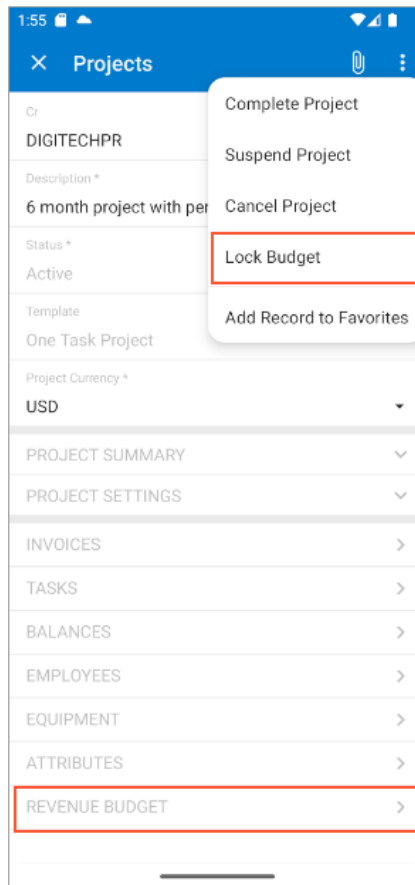
---

### Learning Objectives

In this lesson, you will learn how to do the following:

- To map an action using Workflow API. You have created an extension library, an extension of a class that defines a workflow, and updated the screen configuration in this class.

## Figure: The Projects screen menu



## Figure: The Original Budgeted Quantity box, which can be edited

1:57

Revenue Budget

Project Task \*

01

Account Group \*

REVENUE

Description

01 Main Task

Original Budgeted Quantity

6.00

Unit Rate

1,000.00

Original Budgeted Amount

6,000.00

1 2 3 -

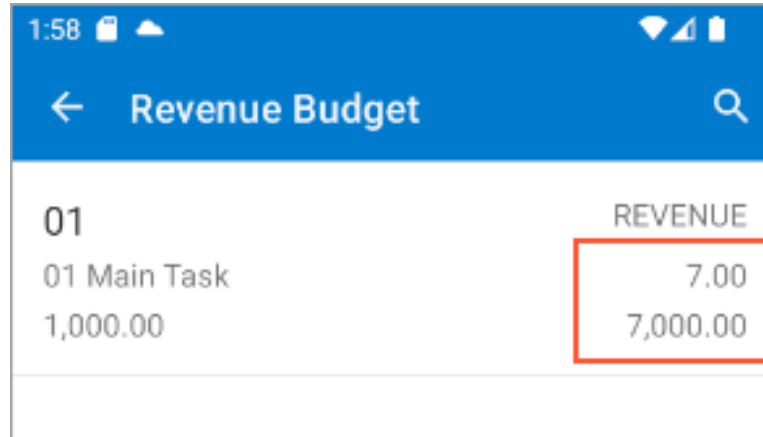
4 5 6 ↵

7 8 9 ✕

, 0 . →

## Figure: The settings of the affected line

---



	REVENUE
01	7.00
01 Main Task	7,000.00
1,000.00	



## Figure: The boxes that are unavailable for editing

2:00

Revenue Budget

Project Task \*

01

Account Group \*

REVENUE

Description

01 Main Task

Original Budgeted Quantity

7.00

Unit Rate

1,000.00

Original Budgeted Amount

7,000.00



Thank you!

Samuel-Olivier Lavigueur