Microsoft Dynamics 365 PURCHASING & RECEIVING – PURCHASE ORDER RECEIVING

This application receives Purchase Order (PO) items to an inventory receipt including site, warehouse, batch number, and other inventory tracking dimensions.
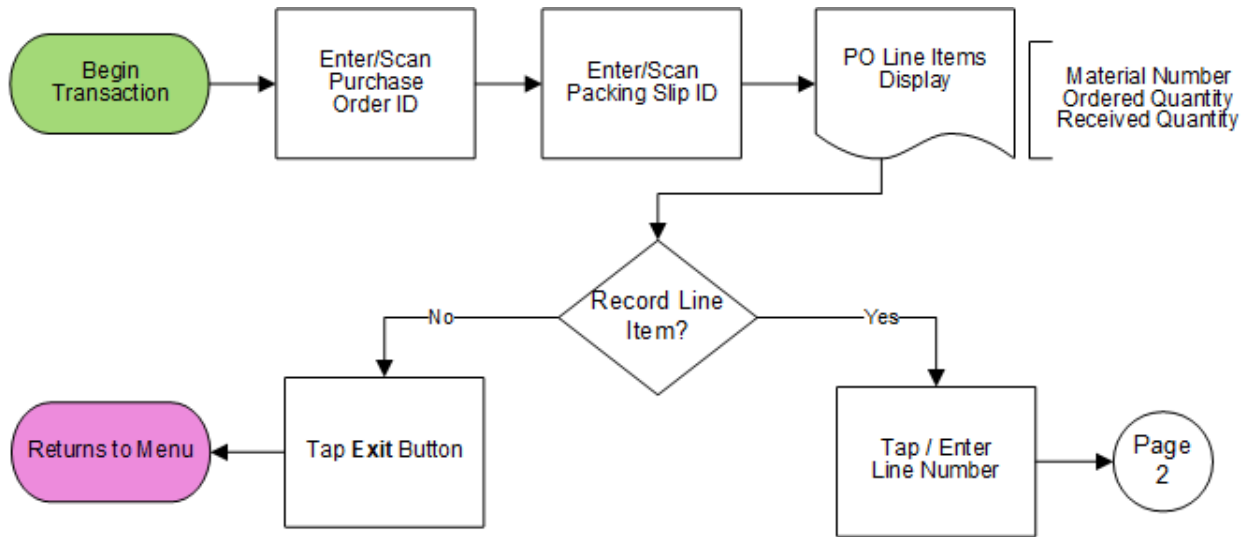
RFgen Functional Documentation

2021

RFgen provides its customers Microsoft Dynamics-validated, ready-to-use suites of Open Source applications and a development environment that can be used to create new apps or to modify existing apps.
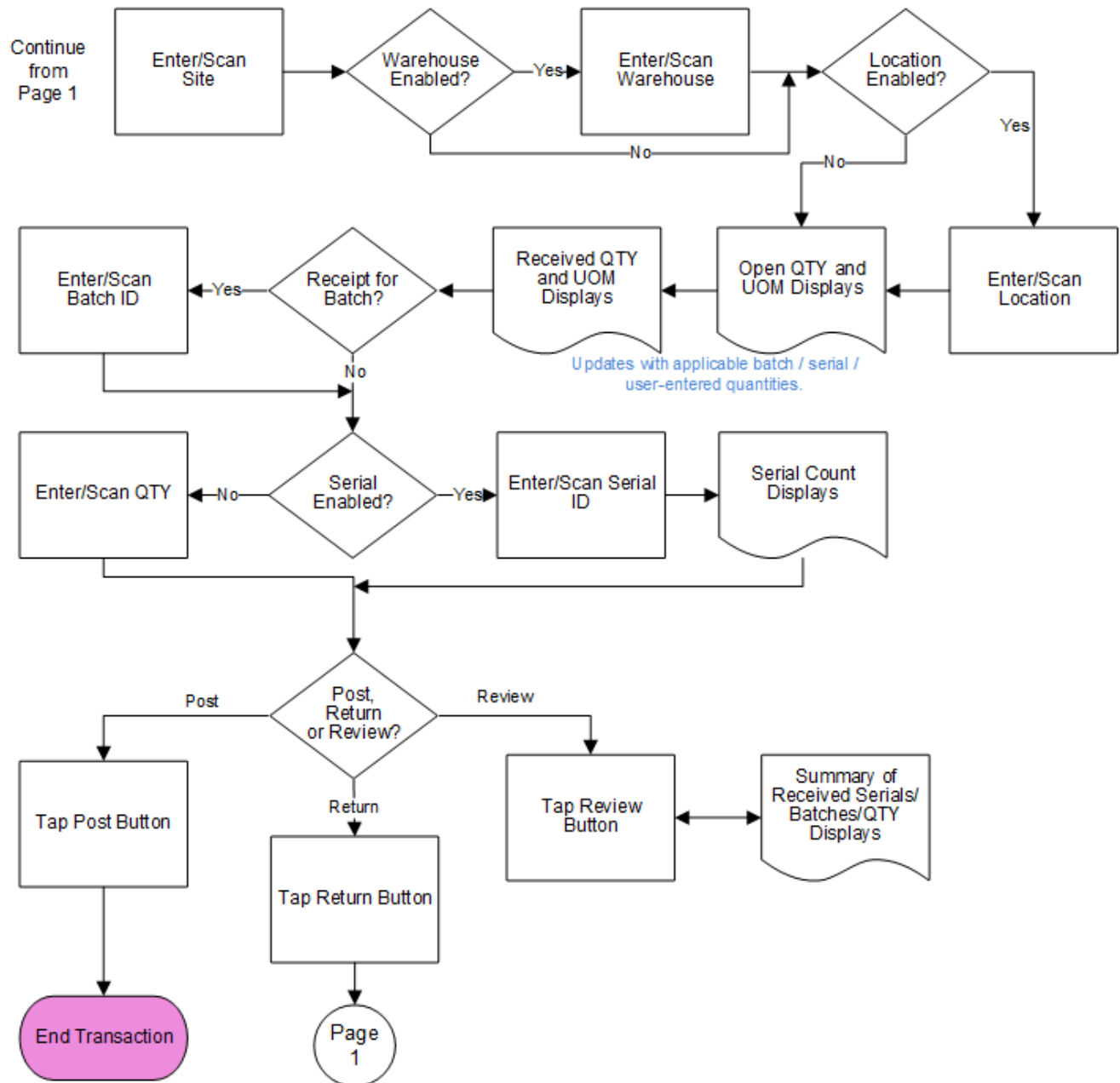
This document describes the business workflow, technical information, and analysis questions for planning customizations to this application.

```
Begin            Enter/Scan         Enter/Scan        PO Line Items         Material Number
Transaction      Purchase           Packing Slip ID   Display               Ordered Quantity
                 Order ID                                                    Received Quantity

                              Record Line
           No    ◄──────────  Item?  ──────── Yes

Returns to Menu ◄── Tap Exit Button                    Tap / Enter         Page
                                                       Line Number          2
```

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The flowchart continues from Page 1:

Enter/Scan Site → **Warehouse Enabled?**
- Yes → **Enter/Scan Warehouse** → **Location Enabled?**
- No → (down to Open QTY and UOM Displays)

Location Enabled?
- Yes → **Enter/Scan Location** → **Open QTY and UOM Displays**
- No → **Open QTY and UOM Displays**

Open QTY and UOM Displays → **Received QTY and UOM Displays**

Updates with applicable batch / serial / user-entered quantities.

Received QTY and UOM Displays → **Receipt for Batch?**
- Yes → **Enter/Scan Batch ID** → (down to Serial Enabled?)
- No → (down to Serial Enabled?)

Serial Enabled?
- No → **Enter/Scan QTY**
- Yes → **Enter/Scan Serial ID** → **Serial Count Displays**

→ **Post, Return or Review?**
- Post → **Tap Post Button** → **End Transaction**
- Return → **Tap Return Button** → **Page 1**
- Review → **Tap Review Button** ↔ **Summary of Received Serials/ Batches/QTY Displays**

FIBPOR400 – PO Receiving

This application is developed for the Procurement and Sourcing module of Dynamics 365 Finance & Operations. It receives Purchase Order (PO) items to an inventory receipt including site, warehouse, batch number, and other inventory tracking dimensions.

Description of Workflow (Page 1)

First the user scans, enters or searches for a purchase order identification (PO ID).

The user scans or enters the packing slip (Pack Slip) ID that this inventory receipt will be submitted under.

The list of PO lines by item display.

The user taps or selects the line item to be received and is taken to Page 2.

The **Exit** button exits the application without posting or saving changes.

Note: If one or more line items were registered (received) on page 2, then the **Post** button displays. The user can tap the Post button to submit the received line items.

Description of Workflow (Page 2)

Fields for entering a receiving warehouse, location, batch number, and serial number are dependent on the item's Active Tracking Dimensions.

First the user scans, enters or searches for a receiving site.

If the warehouse is enabled, the user scans, enters or searches for a receiving warehouse (Whse).

If the receiving location (Locn) is enabled, the user scans, enters or searches the location.

The open quantity (QTY), receive quantity (Rec QTY) and unit of measure display in accordance to the batch number and/or serial number, or quantity manually entered by the user.

If batch is enabled, the Batch field displays, and the user enter a scans or enters a batch number to be registered.

If the serial is enabled, the Serial field displays, and the user scans or enters a serial number. (The serial number tracks multiple entries and displays the total received serial count.)

If the serial is not enabled, a quantity (QTY) field displays, and the user scans or enters the amount to be registered.

Left: *Example of PO Receiving with batch and quantity enabled, but not serial-enabled.*

Description of Workflow (Page 2 - Continued)

After at least one receipt line has been registered, the **Post** button displays.

If the user taps the **Post** button, all registered receipt lines are submitted, then the user is taken back to page 1.

If the user taps the **Review** button, it takes the user to page 3 (not shown in this document).

Page 3 displays a summary of received batches and serials.

The user taps the **Return** button on page 3 to return to page 2.

If the user taps the **Return** button, it takes the user from page 2 to page 1, but does not submit registered line items.

Example of page 2 of PO Receiving where the batch and serial are enabled and the user entered the values to be registered.

Technical Information

This lists the tables used for validations, searches, and defaults by prompt.

Prompt	Table
PO ID	PURCHTABLE
Vendor Name	PURCHTABLE
PO Lines	PURCHLINE
Item definitions	ECORESRELEASEDPRODUCTV2ENTITY, ECORESTRACKINGDIMENSIONGROUPENTITY, ECORESSTORAGEDIMENSIONGROUPENTITY, INVENTTABLE
Site	INVENTSITE
Warehouse	INVENTLOCATION
Location	WMSLOCATION
Ordered QTY	PURCHLINE
Received QTY	PURCHLINE
Open QTY	PURCHLINE

Customization Considerations

If you are planning on creating a new version of this application or modifying it for a customer, consider asking these questions to help prepare your list of customization requirements.

1. Are there serial-controlled items?
2. Are there batch-controlled items?
3. Are there default sites/warehouses/etc. users are limited to at receiving?
4. Are receivers allowed to register partial receipt?
5. Are receivers posting a final inventory receipt, or just registering inventory through an intermediate process? (i.e., "Item Arrival Journal" entry)

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