**EPCIS Events** in Action powered by **GTRACK (in Order)**

* + - 1. GS1 Member Send registration invitation to supplier
      2. Supplier Accept the Invitation and Proceed on Supplier Registration process
      3. GS1 Member approve the Supplier Registration Form submitted by Supplier
      4. GS1 Member retrieve the P.O information from ERP (ex: Odoo)
         1. P.O Header along with line items will be selected
         2. Send selected P.O to Supplier
      5. Supplier will receive an email notification with attached P.O information as a pdf. [ 1st Event Created ]
         1. Supplier will start the internal process for producing the products based on received P.O (this can be done on their ERP internally) such as :

Supplier will convert the P.O into Sales Order

If the products requested are available on Stock, the Sales Order will process immediately using “Dispatching” module.. else convert the SO into JO

from Sales Order, it will be converted into Job Order (Manufacturing)

* + - 1. Supplier will start the process of the products to produce or assemble
         1. From “Manufacturing” tab of supplier CPanel module, supplier prepare create and assign the picklist (to pick the raw materials) based on the products to produce
    - List of Users (internal users created by Supplier)
      * 1. On Mobile PDA, the process will execute as below:

1st screen

* + - Login as userID (supplier created Internal users)
    - Select Main GLN (List of Locations in combo box) -- after selecting from the combo box it will automatically open the 2nd Screen

2nd screen

* + - Datagrid display, List of created picklist filtered by UserID
    - Select Picklist ID from Datagrid (picklistID can be 1 or more items)

iii. 3rd Screen

* + - 1st Datagrid, Display all items based on selected PicklistID
    - Select Item from 1st Datagrid ( only 1 item can be selected)

iv. 4th Screen

* + - Display the list of Locations of the selected Item (Location will be listed in combo box, same item can be found on different bin locations)
    - Select the Location from combo box
    - 1st Datagrid on this 4th screen, display all items based on the selected bin location
    - Checked Box selection ( by Serial or By Pallet)
    - If By Serial, scan serial number ( all raw materials items must be pre-defined or it is already available in table “tblMappedBarcodes” , just create a dummy data for testing [ 2nd Event Created ]
    - If By Pallet
      1. Scan the PalletID
      2. 2nd Datagrid on the same screen, Display all the scanned items based on scanned PalletID (inside palletID can be one or many items) [ 2nd Event Created ]
    - Scan to Location 🡪 final steps to close the whole process.

1. Supplier will start the production of the items (either assembly or to manufacture the item to become finish goods [ no action taking here..]
2. Once the finished goods is ready, supplier will start the process called “Internal Transfer” , from WIP to F.G Warehouse, this process will be done using the mobile app only. , Internal Transfer (Bin to Bin Internal) [ 3rd Event Created ]
3. Supplier will start the process called “Dispatching” ( follow exactly same process on alessa dispatching module ), up to “Load to Vehicle” process [ 4th Event Created ]
4. Supplier will start the “Shipment Request” creation up to submission of the created shipment request [ 5th Event Created ]
5. Product Verification Portal , will do the process of Shipment Verification [ 6th Event Created ]
6. Shipping Courier will continue the process by using GROUTE mobile application (Transport & Logistics), we still don’t have this module, still pending due to lack of API developer.
7. GS1 member will receive the shipment shipped by supplier, the module to use here is called “Expected Shipments” module, follow the same process of alessa expected shipment (for both web and mobile)., [ 7th and 8th Event Created ]
8. GS1 member (in the distribution center area) will start the process of “Dispatching” (same process of no. 9 ) )., [ 9th Event Created ]
9. GS1 member, based on the “Sales order” from Dispatching module, the API here should be available for GROUTE,

further details to be discussed., this is still not ready due to lack of API developer.

1. Retailer Center Portal
   1. Process the receiving module , Internal Transfer (bin to bin)
   2. POS Module
      * Scan GTIN
      * Tender amount
      * Print Invoice or Receipt [ 10th Event Created ]
   3. Price checker

Supplier will start the process of the products to produce or assemble

a. From “Manufacturing” tab of supplier CPanel module, supplier prepare create and assign the picklist (to pick the raw materials) based on the products to produce

• List of Users (internal users created by Supplier)

a. On Mobile PDA, the process will execute as below: (RM to WIP) , based on assigned Picklist from Manufacturing

i. 1st screen

• Select Main GLN (List of Locations in combo box) -

• 1st Datagrid display, List of created picklist filtered by UserID (1 or more picklist ID)

• Select Picklist ID from Datagrid (picklistID can be 1 or more items) – only one not multiple

iii. 2nd Screen

• Header ( to show the PicklistID, JobOrderNo, DateTime, UserID)

• Scan the item Barcode (ItemID of the raw materials item)

1. If found, display in 1st Datagrid on the 2nd screen

2. Scan, scan scan….

• Scan Location To ( list of Location ) – tbl\_LocationD

• Click “Complete” button to complete the process…  dbo.tblItemsInWIP