Flow 1:

Inward

1. File lands in FTP location
2. Trigger initiates the ETL process
3. ETL sorts the order based on QeuBox location, menu, count of items and restaurant.
4. Persists on server with status Pending inward confirmation
5. Data is reflected to remote QeuBox locations.

Flow 2:

@Remote location. {Loader / Admin checks the status and initiates the process of inward.}

1. Scan every pack and sort based on {Received/Damaged/ To return 4 types} Pls refer the doc sent previously

Flow 3:

@Loader initiates the loading into the QeuBox.

1. Scan individual pack, system allocates a designated compartment that is available in QeuBox and that compartment door opens.
2. Loader places the pack inside and closes
3. If the system is a front and back door configuration, then the back door open, else the front door opens
4. The system should reflect the latest status of the QeuBox {with updated compartment status}
5. Any unfilled menu packs will reflect as in stock for QeuBox location/HotBox

Flow 4:

@Delievry Partner process.

1. Aggregator shares the order number for pickup by DP
2. Server receives the same and translates the order to the remote location.
3. DP arrives and scans the order number/QR code
4. Single order flow.
   1. Scan the order, System validates the order against the remote location DB
   2. Show the order / menu item on the remote location Tab
   3. If the order is valid, translate the order and menu to the compartment to be opened.
      1. If Menu inside the compartment, open the box. Flow completed
      2. If menu not inside the compartment, alert the QeuBox and raise an alarm
      3. Refill
         1. Loader fills an empty compartment by scanning {if compartment is available}
         2. Loader scans menu pack from inventory/Hotbox and inputs comment “Delivered from Inventory”
         3. Overall QeuBox location inventory is adjusted and same is reflected across all systems, including aggregator systems.
   4. Update the remote Tab to show “Order delivered in full”
   5. Update the status across all systems including the aggregator.
5. Multiple order flow.
   1. Scan the order, System validates the order against the remote location DB
   2. Show the order / menu items on the remote location Tab
   3. If the order is valid, translate the order and menu to the compartments to be opened.
      1. If Menu inside the compartment, open the box. Flow completed
      2. Update the remote Tab to show “Order delivered in full”
   4. Update the remote Tab to show “Order delivered Partially”
      1. If menu not inside the compartment, alert the QeuBox and raise an alarm
      2. Refill
         1. Loader fills an empty compartment by scanning {if compartment is available}
         2. Loader scans menu pack from inventory/Hotbox and inputs comment “Delivered from Inventory”
         3. Overall QeuBox location inventory is adjusted and same is reflected across all systems, including aggregator systems.
      3. Once all items are delivered , Update the remote Tab to show “Order delivered in full”
   5. Update the status across all systems including the aggregator