**NEW PUL**

1. **Intended Audience**
2. **Need of Pulling**

TODO:

1. **Pulling Process flow**

Cartons kept in reserve area are needed for day to day operations like SKU conversions, transfer to other building. These cartons when needed can be pulled to an area using manual request. Manual request is created using REQ program.

Pullers pull the cartons from the specified locations, put them on a pallet and take them to destination area where these cartons are required.

PUL program records the following information about the pulled cartons:

* Pallet on which cartons are to be placed
* Carton source area
* Carton destination area

1. **What’s new**

New PUL allows you to monitor pulling activities in a warehouse. This is similar to Piece Replenishment UI. The information displayed will be per area/ per SKU.

Provide filter to show SKUs to be pulled for a request.

- User can increase/decrease SKU priority.

- Refresh the picture of cartons to be pulled in case a major change has been done in an existing request.

- User can stop pulling a request/SKU for an area. When this option is selected the cartons pending pulling are released immediately.

- Carton Substitution is allowed.

- Suspense feature -- User will be asked to put carton in suspense if he suspects that carton has been lost.

- Pallet Pulling?? ANX3 type of warehouse where pallets are SKU pure. – Phase 2

1. **Guided pulling**

Pulling principally involves generating a list of cartons which need to be pulled from a specified source area to the destination area. Puller goes to each and every Location which is specified by the pulling program and scans the suggested Carton license plate. After scanning the carton puller keeps it in a pallet.

DCMS now supports three kinds of pulling.

1. Puller chooses the destination area where he wants to pull cartons. System allocates cartons to PULL.
2. Puller lets systems decide which request to PULL. System request is suggested based on factors like priority and amount of work.
3. Puller scans his own preferred request.

**Scanning the Pallet**

After successful logging program will ask to scan a pallet. This pallet could be already having some cartons on it or could be a new pallet (empty). If some cartons are already on the pallet then the program will inform the puller about these cartons.

**Pulling the Cartons**

After scanning a valid pallet focus is transferred to the ‘Scan Ct’ field which is used to scan the carton. When a puller goes to a location and scans a carton which has to pull then the program checks whether this is a valid Carton. If it is not a valid carton then program will display an error ‘carton scanned is not valid’ and focus will again transfer to the ‘Scan Ct’ field.

PUL program displays following information to the puller.

* Cartons pulled for current pallet.
* Number of cartons on the pallet – This includes the cartons that were already on the pallet at the time the process was started.
* Source area.
* Destination area.

**Preferences**

TODO:

**Concurrency Issues**

TODO:

**Where can you pull?**

1. Both source and destination areas are in the same building.
2. Source area is in one building and destination area in another building.

Even though we allow pulling to any area, users will have to manually transfer them to other building. Pull cartons to a staging area and put them in a truck, transfer them to the other building.

Source and destination areas are very important information for pulling program. Since, using this information a list of cartons along with their respective locations from where the cartons are to be pulled is given to the puller and scanned cartons are sent to the destination area.

Discussions:

1. Can I pull to a numbered area?
2. Can I pull from a non-numbered area?

We do not allow pulling to numbered area, if you want to move cartons from one numbered location to another use Pallet Locating for that.

**Putting Carton in suspense**

The need to put any carton in suspense arrives when puller does not find carton at system specified location. This carton has to be put in suspense so that the system knows the fact that this carton is missing and does not send more pullers to this location.

**Skipping the suggested carton**

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**Carton substitution**

While pulling cartons you may want to replace the suggested carton with similar carton. System allows this for ease of pulling cartons. Just scan another carton of same SKU/VWH/QUALITY and system will make substitution for you.

Question: If user scans a carton which has been requested by BoxPick should we take it.

**Pulling Report**

It contains detail information of the pallet and printed at destination area (if it stores carton type material). The intent of this report is to cross check the pulled SKUs, against the SKU’s requested in requirement report generated by the requirement program, at the time when puller brings the pallet to destination area.

Shortage report.

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