Changes to Routing UI **(updated 30-10-24)** **Landing Page**

Routing List

Company Company ▽ Manufactured Part ◯ Assembly ◯ Part No Part No

Part Nos without Routing ☐ xx Part Nos without all Mandatory Docs ☐ xx Part Nos that require Routing Update ☐ xx

Part Nos that require Routing Approval ☐ xx

Check box

Count of Part Nos meeting this condition .. applies to all three

Company	Part No	Description	No of Routings	All Mandatory Docs Avl	Update Reqd	Status	
			1	Y	N		⋮
			2	N	Y		

Changes to Routing UI **(updated 26-10-24)**

- Landing Page no changes
- When Part Selected, Open New Page with List of Routings available - Page 1
- If Part does not have routing ...
  - do not show grid ... show button Create New Routing
  - After Routing Name saved ... jump to Page 3 for entry of 1st Step of Routing
  - On Saving Page 3 contents take control back to Page 2
- If Part has routing
  - show grid
  - show Button Create New Alternate Routing
  - When Routing Selected open Routing Steps List in Page 2
  - When Routing Step No is selected in Page 2 show details in Page 3
- When page is closed using "x" take control back to previous page
- Create New Alternate Routing / Create Routing will call the same popup for Routing Name Entry (no change)

For Assembly Make from cell is kept blank
3 Dot

- View
- Edit
- Rename Routing
- Set as Preferred Routing
- Change Make From
- Create Alternate Routing from this Routing
- Change Status
- Show Change Log
- Delete

If In Current Prodn = Y then status change / delete not allowed
Delete will be visible only to Admin. Delete will be done after confirmation

Page 1

Routing List for Part No / Desc xxxx

X

Pref	Routing Name	Make from	No of Oprns	Mandatory Docs Avl	Status	Update Date	In Current Prodn	
y					Active		y	⋮
n					Inactive		n	

△
▽

Create New Alternate Routing

Create New Routing

Continuation of Page from previous sheet

Routing Performance Comparison

Pref	Routing Name	# Inhouse Oprns	# Sub Con Oprns	Avg Inhouse Cycle Time (min)	# Oprns > Avg Cycle Time (min)	Total Inhouse setup Time (min)	Max Total Setup Time (min)	Batch Size Manf Time (Hrs) *
◯								
◯								

Batch Size 250 Calculate Batch Manf Time.

The above grid is view only
Batch size default = 250
Batch size is not stored in any table. It is for local representation

Last column allows User to see how many hours it would take to manufacture Batch size to allow quick performance comparison between different Routings

Batch Size Manf Time = Total of ((Batch size x Cycle time)/No of Machines running simultaneously + Setup Time) for each Routing Step.
Same logic to be used for subcon batch size time calculation

Popup for Set as Preferred Routing

X

Make Routing Name xxx as Preferred Routing ☐

Save

Popup for Change Make From

X

Current Make From Part | Part No / Part Description

New Make From Part * | Part No / Part Description

Save

Popup for Rename Routing

X

Current Routing Name | Routing Name

New Routing Name * | Enter New Routing Name

Save

Routing Name to be checked to make sure it is unique - case insensitve

Popup for Change Status

X

Current Routing Status | Status

New Routing Status | Status ▽

Reason for Status Change *

Save

Routing Name to be checked to make sure it is unique - case insensitve

Popup for viewing Status Change Log

Routing Change Status Log

X

Part No / Desc : xxxx / xxx
Routing Name : xxxx

Date	By	Prev Status	Changed Status	Reason

Details of Routing xxxxx for Part No / Desc xxxx made from Part No / Desc - Company xxx X

	Oprn No	Routing Step Description	Location	No of M/cs	Cycle Time (Min)	Setup Time (Min)	Mandatory Docs Avl	No of Parts Used in Step	Update Date	In Current Prodn	
=										y	⋮
=										n	
=											

= Slider to change sequence

All BOM Part Nos & BOM Qnty are used in Assembly

Add New Step

Shesha : Pl use a gird where the individual rows can be moved up or down (other than header)

Shankar we need to have the ability to show the visual sequence of the Routing steps
Internal Sequence No maintained in the Routing Table will be the same as what is displayed
If user moves the individual rows to change sequence, the same should reflect in the sequence nos for the Oprn Nos in the table

Responsibilityof updating the Opr No to reflect the change in sequence is with the User
Pl see if any simple interlock can be

3 Dot

- View
- Edit
- Delete

Edit / Delete allowed only if for all Oprn No - In Current Prodn = N

Message to be displayed for Part Type = Assy
Nothing is displayed for Part Type = Child Manf Part

- If all BOM Part Nos & BOM quantity is consumed / used across all Opr No then display "All BOM Part Nos & BOM Qnty are used in Assembly"
- If all BOM Part Nos are not used in Assembly across all Opr Nos then display "All BOM Part Nos are not used in Assembly" in Red
- if all BOM Qnty are not used across all Opr Nos then display " All BOM Qntys are not used in Assembly
- It is possible to show both error msgs