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Production Control

Chapter 1. Production Control

1.1 Production Record Entry

1.1.1 Material Issue

Navigation: Control > Add Material Issue

Users will be able to create a material issue record from this window. After filling up the form with suitable data, users have to click on the **Save** Button. After creating an issue record, an issue delivery will be created. After accepting the delivery record the Raw Material will be transferred from Raw Material Inventory to "Work In Process" inventory.

Add	New Issue							
s	cheduled Date	2019-07-26 🕅	Order	PRO-1002 -	Batch number			
Pr	oduction date »	2019-07-26 🕅	Process	PRO-1002 - SPC-Preg	Description			
P	roduction time »	19:26	Step	PC Press 💌				
Pers	onnel Md. Ab	dur Rouf 🔹 💌	Unit	Pressure Cooker 🔹				
	Shift Shift P	(10am-6pm) 🔻	Branch	Head Office 🔹				
Du	ration		Inventory	Raw Materials Wareh				
	Input Quantity	of:						
PC: E	legance 2.5 Ltr							
			DISTRIBUTE]				
Item	5							
		Product Type		Pro	duct	Est.Qty.	Qty.	
1	Indirect		•	Coconut Oil	•	iô.		5.00
2	Direct		-	Circle (275mm x 3.0mm)		10		100.00
/								
4	-							
	🖹 SAVE]						

Figure 1: Raw Material Issue from Inventory





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Issue List					+ 👅
		Date from 2019-07-26世 Order Date to 2019-07-26世 Step Q SEARCH	Process Product		
Actual Date	Process	Step	Product	Req.Qty.	Quantity
1 2019-07-26	PRO-1002 - SPC-Pressure Cooker	PC Press	Coconut Oil	None	5.00
2 2019-07-26	PRO-1002 - SPC-Pressure Cooker	PC Press	Circle (275mm x 3.0mm)	None	100.00

Figure 37: Raw Material Issue List

1.1.2 Material Consumption

Navigation: *Control > Add Material Consumption*

Users will be able to create a material Consumption record from this window. After filling up the form with suitable data, users have to click on the **Save** Button. After creating a consumption record, user will be able to see the consumption list.

block das 2 2019-725 B Picker Rol-1022-59 CPter Picker Rol-1022-59 C	eduled Date 2019-07-26 🗐	Order P	RO-1002 -	Batch number						
decore me 1926 1926 1926 1926 1926 1926 1926 1926				Description						
mon March Aldor Roft Weak Office	Juction time > 19:36									
soci ipic Quartity of: grant 23 10 100 (c) Distribution 0 (t) Product Type Product Crick (27mm x 10mm) * 100 (c) 100 (c)										
soci ipic Quartity of: grant 23 10 100 (c) Distribution 0 (t) Product Type Product Crick (27mm x 10mm) * 100 (c) 100 (c)	hift Shift P (10am-6pm) *	Branch H	ead Office 👻							
Product Type Product Equipment/Part Dret Cete J75mm x 10mm) * 100 100 100	ion									
Product Type Product Equipment/Part Dret Cete J75mm x 10mm) * 100 100 100	put Quantity of:									
Product Type Product Equipment/Part Drex Cete 075mm x 10mm) 10010 10010 10010 10010		100								
Product Type Product Product Equipment/Part Product Type Ceck 075mm x 30mm) 10000 10000 10000										
Product Type Product Equipment/Part Direct Creit (75mm x 10mm) * 10000 <		DISTRIBUTE								
Otrect • Operation • Operation										
Otrect • Operation • Operation	D								Construction of the state	
	Product Type			Product		Est.Qty.	Qty.	threshold_prop_value		
			 Circle (275mm x 3.0m) 		•	Est.Qty.			Equipment/Part	
			 Circle (275mm x 3.0m) 		•	Est.Qty.			Equipment/Part	
			 Circle (275mm x 3.0m) 		*	Est.Qty.			Equipment/Part	
			 Circle (275mm x 3.0m) 		¥	Est.Qty.			Equipment/Part	
			 Circle (275mm x 3.0m) 		•	Est.Qty.			Equipment/Part	
			 Circle (275mm x 3.0mm) 		v	Est.Qty.			Equipment/Part	
			 Circle (275mm x 3.0m) 		×	Est.Qty.			Equipment/Part	
			Circle (275mm x 3.0mm		v	Est.Qty.			Equipment/Part	
			 Circle (275mm x 3.0m) 		v	Est.Qty.			Equipment/Part	
			Circle (275mm x 3.0mm		•	Est.Qty.			Equipment/Part	
			Circle (275mm x 3.0mm		•	Est.Qty.			Equipment/Part	
			Circle (275mm x 3.0mr		•	Est.Qty.			Equipment/Part	
			Circle (275mm x 3.0m)		•	Est.Qty.			Equipment/Part	
			Circle (275mm x 3.0m)		•	Est.Qty.			Equipment/Part	
			Circle (275mm x 3.0m)		*	Est.Qly.			Equipment/Part	
			Circle (275mm x 3.0m)		•	Est.Qb.			Equipment/Part	
			Circle (275mm x 3.0m)		•	Est.Qy,			Equipment/⊬art	
			Circle (275mm x 3.0m)		•	Est.Qy.			Equipment/Part	
			Circle (275mm x 3.0m)		v	Est.Qy.			cquipment/vart	
			Circle (275mm x 3.0m)		•	Est.Qy.			cquipment/Part	
			Circle (275mm x 3.0m)		v	Est.Qyr.			cquipment/Part	
			Circle (275mm x 3.0m/		•	Est.Qyr.			Equipment/Part	
			Circle (275mm x 3.0m/		Ŧ	EsLQy.			cquipment/vart	
			Circle (275mm x 30mm		v	Est.Qy.			cquipment/Part	
			Circle (275mm x 3.0m)		•	Est.Qy.			Equipment/⊬art	
			Cicle (275mm x 1/mm		•	Est.Qy.			Equipment/Part	
			Cicle (275mm x 3.0mm		v	Est.Qy.			cquipment/Part	
			Cicle (275mm x 3.dm		•	ĒsLQy.			Equipmenty Part	
			Circle (275mm x 3.0mm		•	Est.Qy.			EquipmentyPart	
			Circle (275mm x 30m		•	EsLQy.			Equipment/Fart	
			 Circle (275mm x 10mm) 		•	Est.Qy.			Equipment/Fart	
			 Circle (275mm x 10mm 		•	ĒsLQy.			Equipment/Fart	
			Circle (275mm x 30mm		×	Est.Qy.			Equipment/Fart	
			Circle (275mm x 13mm		×	EsLQy.			Equipment/Fart	
			 Grote (275mm x 10mm) 		v	ĒsLQy.			Equipment/Fart	
			 Circle (275mm x 3.0m 		v	Est.Qy.			Equipment/Fart	
			 Crele (275mm x 3.0mm 		v	EsLQy.			Equipment/Fart	
			Crole (75mm x 10m		•	ĒsLQy.			Equipment/Fart	
	lirect		 Circle (275mm x 3.0m 		•	Est.Qy.			Equipmentrart	

Figure 2 : Consume Raw Material within a Production Order

Consumption List					(+ (🐱
		Date from 2019-07-26 문) Order Date to 2019-07-26 문) Step Q SEARCH Step	Process Product V		
Actual Date	Process	Step	Product	Req.Qty.	Quantity
1 2019-07-26	PRO-1002 - SPC-Pressure Cooker	PC Press	Circle (275mm x 3.0mm)	100.00	100.00

Figure 3: Raw Material Consumption List





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1.1.3 Material Return

Navigation: Control > Add Material / Goods Return

Users will be able to create a material return record from this window to return back the unused raw material to the inventory. After filling up the form with suitable data, users have to click on the **Save** Button. After creating a return record, user will be able to see the return list.

Add New	r Return						
Schedul	led Date 2019-07-26 🕅	Order	PRO-1002 -	Batch number			
Producti	ion date »2019-07-26 🕅	Process	PRO-1002 - SPC-Pres	Description			
Product	ion time »19:57	Step	PC Press 💌	l			
Personnel	Md. Abdur Rouf 🛛 🔻	Unit	Pressure Cooker 💌				
Shift	Shift P (10am-6pm) 🔻	Branch	Head Office 🔻				
Duration		Inventory	Raw Materials Wareh				
Input	Quantity of:						
PC: Elegano	ce 2.5 Ltr	10 🗘					
		DISTRIBUTE					
Items			,				
icems	Product Type		Produ	ict.	Est.Qty.	Qty.	
1 Dire		-	Circle (275mm x 3.0mm)		(\$	Qty.	10.00
+ -							
	SAVE						

Figure 4: Return Unused Raw Material to the Store

1.1.4 Wastage Record

Navigation: Control > Add Material Wastage

Users will be able to create a material wastage record from this window. After filling up the form with suitable data, users have to click on the **Save** Button. After creating a return record, user will be able to see the wastage list.





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Add New Wastage			
Scheduled Date 2019-07-26 🖾 Order P	RO-1002 Batch number		
Production date » 2019-07-26 🗮 Process P	RO-1002 - SPC-Pres Description		
Production time » 20:02 Step P	C Press 👻		
Personnel Md. Abdur Rouf 💌 Unit Pr	ressure Cooker 🔻		
Shift The Branch H	lead Office 🔻		
Duration			
Input Quantity of:			
PC: Elegance 2.5 Ltr 2			
DISTRIBUTE			
Items			
Product Type	Product	Est.Qty.	Qty.
	▼ Circle (275mm x 3.0mm) ▼	IÓ	2.00 🗇
+ -			

Figure 5: Record the Wastage (Process Step Wise) Against a Production Order

1.1.5 Production Record

Navigation: Control > Add Goods Production

Users will be able to create a material production record from this window. After filling up the form with suitable data, users have to click on the **Save** Button. After creating a production record, a production delivery will be created. After accepting the delivery record the finished goods will be transferred from the "Work In Process" to "Finished Goods" inventory.



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Add	New P	roductio	n					
S	chedule	d Date 2	2019-07-26 🕅	Order	PRO-1002 -	Batch number		
Pr	oductio	n date »2	2019-07-26 🕅	Process	PRO-1002 - SPC-Preg	Description		
Pr	roductio	n time » 🛽	19:51	Step	PC Press 🔹) l		
Pers	onnel	Md. Abdu	ur Rouf 🛛 🔻	Unit	Pressure Cooker 🔹			
	Shift	Shift P (1	10am-6pm) 🔻	Branch	Head Office 🔹			
Dur	ration			Inventory	Central Warehouse (🕶			
	Input C	uantity of	:					
PC: E	legance	2.5 Ltr		100 🖨				
				DISTRIBUTE				
Items	5							
			Product Type		Pro	duct	Est.Qty.	
1	Direct			•	PC: Elegance 2.5 Ltr	-		100
+	-							
		SAVE						

Figure 6: Record about the Produced Finished Goods

Production List					+ 🛛
		Date from 2019-07-26 Order	Process V		
		Date to 2019-07-26 E Step	 Product 		
		Q SEARCH			
Actual Date	Process	Step	Product	Req.Qty.	Quantity
1 2019-07-26	PRO-1002 - SPC-Pressure Cooker	PC Press	PC: Elegance 2.5 Ltr	100.00	

1.2 Production Deliveries

Navigation: Control >Production Deliveries

Users will be able to see all the production delivery like Issue, Production list from here as well as to change the state of the deliveries like , pending , accept , close, reject.





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ufacturing Deliverie	s															Add 🛩
						Party	▼ Branc		▼ From	2019-07-19	3E	ARCH				
						hallan No		is -All-	▼ To							
					Chal	Ilan Type -All-	▼ Projec	:t	*							
Number	Order Number	Туре		Ref Voucher	Posted	Date	Party		Amount		Project	Description	Completed By	Created By	Branch	
] <u>MP-1001</u>		Production			Ø	Vesterday			0.00	BDT		Auto Material Production Delivery from Manufactur module	ing _{su}	su	Head Office	۲
MI-1003		Material Issue	Ø		Ø	Yesterday			0.00	BDT		Auto Material Issue Delivery from Manufacturing module	su	su	Head Office	۲
MI-1002		Material Issue										Auto Material Issue Delivery from Manufacturing				۲
		matchar 1220c	S		S	Yesterday			0.00	BDI		module	su	su	Head Office	~
MI-1001		Material Issue	U U			Yesterday Yesterday				BDT		module	50 50	30	Head Office	
<u>MI-1001</u>												module				

Figure 7: List of All Issue & Production Delivery

1.3 Unit wise Product Stock

Navigation: *Control > Unit Wise Product Stock*

User will be able to see the "work in Process" stock from various production unit.

ι	Unit wise Product Stock			7
		Date from 2017-07-26 团 Product ▼ Date to 2019-07-26 団	SEARCH	
	Unit	Product	UoM	Quantity
1	Pressure Cooker	A. Cirket Breaker 20	Pieces	50.00
2	Pressure Cooker	Coconut Oil	Centimeter	50.00
3	Pressure Cooker	G.I. Waire 6 No.	Kilogram	50.00
4	Pressure Cooker	M.S. Rod 1/4	Kilogram	50.00
5	Pressure Cooker	M.S. Rod 3/8	Kilogram	50.00
6	Pressure Cooker	PC: Elegance 2.5 Ltr	Pieces	200.00

Figure 8: Production Unit Wise Material Stock

1.4 Packaging

Navigation: Control > Packaging

Users will be able to create packages with the produced product using this feature. Fill up the form with suitable data then click on the **Save** button.



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rat	kage Informat	ion					
	Order »P	RO-1002	-	Packing da	ate »	2019-07-26	
let w	veight (kg) »		120.00	Package numb	oer »	102	
[Dimension »						
Dack							
Pack	kage Products						
Pack	kage Products Produ	uct	Qua	ntity			
Pack	-		Qua	ntity 100.00⊧⇔			
	Produ		Qua	-			

Figure 9: Add New Package

List of Packages	Package					
Order	Package Informatio	on				
Net weight Dimension	Order	PRO-1002	Packing date	2019-07-26		
Packing date 2019-07-26	Net weight	120.00	Package number	102		
Package	Dimension	12	State	Active		
State All 👻	Package Products					
Q SEARCH			Product		Qua	ntity
Order Net weight Packing date Package number 1 PRO-100/120.00 2019-07-102	1 PC: Elegance 2.5 Ltr				100.00	

Figure 10: Package List

1.5 Shipment

Navigation: *Control > Shipment*

Users will be able to create a shipment record using this feature. To enter the record user have to input suitable data then click on the **Save** Button. After saving, the user will be transferred to a list page with all shipment record list.





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dd New Shipmen	t		
Shipment Inform	nation		
Order »	PRO-1002	-)
Shipment date 🔉	2019-07-26	Ē)
Destination >>	Khulna)
State	Active	•)
			SAVE

Figure 11: Add Shipment

	Order			Shipment Information		
i	pment date	2019-07-2	26 🛱			
I	Destination			Order	PRO-1002	
	State	All	•	Shipment date	2019-07-26	
		Q SEA	RCH	Destination	Khulna	
				State	Active	
	Order	Shipment date	Destination		1	
P	RO-1002	2019-07-26	Khulna			

Figure 12 : List of Shipment

