# **Production Management**



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## A: Data Management

### A 1.1: Factory Overhead

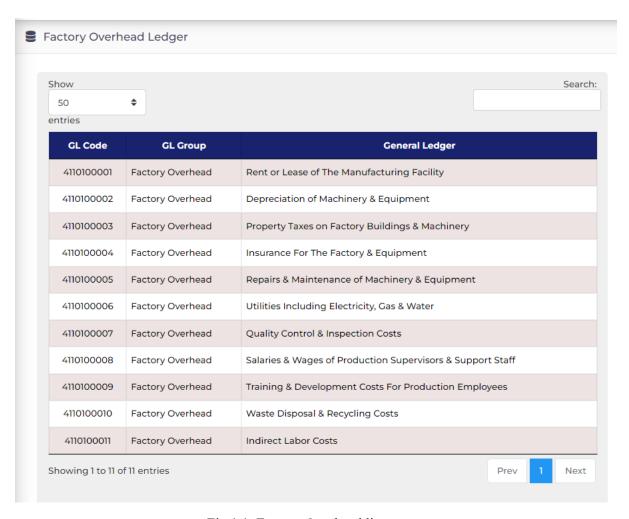


Fig 1.1: Factory Overhead list

## A 1.2: Factory Overhead Setup

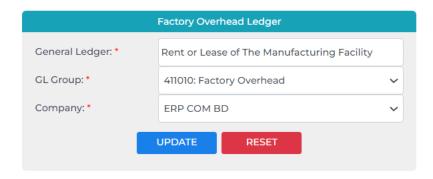


Fig 1.2: Factory Overhead Setup

## B: Bill of Materials (BOM)

### B 1.1: Bill of Materials Setup

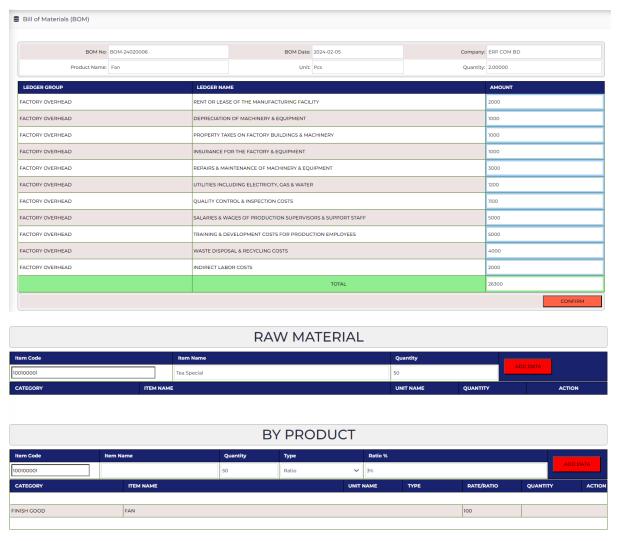


Fig 1.3: Bill of Materials Setup

### B 1.2: Print View of Bill of Materials



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BILL OF MATERIALS (BOM)

Product Name : Fan

**Quantity** : 100.00000 Pcs

BOM No: BOM-24010001
BOM Date: 01-01-2024

_					
Р	r	i	P	٦	٠

Factory Overhead Cost					
SL	SL Ledger Group Ledger Name				
1	Factory Overhead	Rent or Lease of The Manufacturing Facility	8.00		
2	Factory Overhead	Depreciation of Machinery & Equipment	1.00		
3	Factory Overhead	Property Taxes on Factory Buildings & Machinery	7.00		
4	Factory Overhead	Insurance For The Factory & Equipment	2.00		
5	Factory Overhead	Indirect Labor Costs	2.00		
		Total:	20.00		

	Raw Materials Required							
SL Category Item Description Unit Qu								
1	Garments	Polo Shirt	Pcs	4.00000				
2	Sub Finished Goods	EGM Batten Holder Cover (White)	Pcs	2.00000				
3	Oil-Raw	Headspace	Pcs	2.00000				

	By Product				
SL	Category	Item Description	Unit	Ratio	Quantity

Printed bv: Admin (Administration) Date: 04-02-2024 Time: 03:23 PM

Fig 1.4: Print view of bill of materials

## C: Daily Floor Requisition

### C 1.1: Create New Daily Floor Requisition

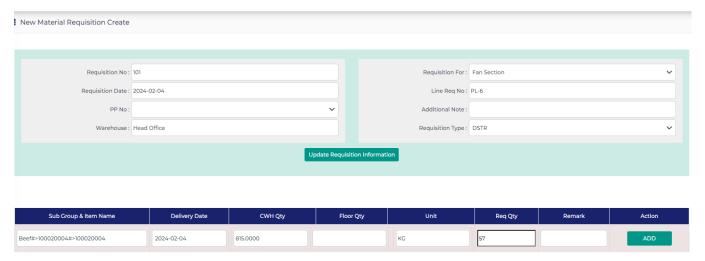


Fig 1.5: Daily Floor Requisition Setup

**Requisition No:** Requires the user to input the number assigned to a particular requisition.

Requisition Date: The date when the requisition is made (e.g., "2022-02-04").

**PP No.:** A field for entering a specific number or code, possibly related to project planning or procurement.

**Warehouse:** Indicates the location where the requested materials are stored; it's set to "Head Office" here.

**Requisition For:** Specifies the department or section for which the materials are being requested; "Fan Section" is selected in this instance.

**Line Req No.:** Likely refers to a specific line item or request within a broader requisition document; "PL-6" is entered here.

**Additional Note:** A space for any extra information or comments regarding the requisition that might be necessary to include.

**Requisition Type:** Indicates the type of requisition being made; "DSTR" is selected, though its meaning isn't provided in this image.

Below these fields, there's a table with columns:

**Subgroup & Item Name:** Specifies both a subgroup and an item name. Here, an alphanumeric code representing some item (possibly "Beef") is displayed.

**Delivery Date:** The expected date of delivery for requested items. It's filled as 2022-02-04 in this case.

**CWH Qty and Floor Qty:** These fields likely represent quantities of items at different stages or locations within a warehouse or storage facility. Here, CWH Qty is 815.0000 but Floor Qty isn't filled out.

**Unit:** Indicates measurement units for quantities; "KG" suggests that quantities are measured in kilograms here.

**Req Qty:** Represents the required quantity of items needed; it's filled as "57" here, indicating 57 KGs are required.

## C 1.2: Daily Floor Requisition Status

Manual Req No	Req Date	Contruct No	Req For	Warehouse	Note	Need By	Entry By	Entry At	Status
PL-1	2024-01-13		Fan Section	Head Office		0000-00-00	Admin	2024-01-13 14:24:17	MANUAL
PL-2	2024-01-13		Fan Section	Head Office		0000-00-00	Admin	2024-01-13 14:25:46	UNCHECKED
PL-25	2023-12-04		Factory Unit - 01	Head Office		0000-00-00	Md. Sohel Biswas	2023-12-04 10:35:08	RECEIVE
PL-3	2024-01-14		Fan Section	Head Office		0000-00-00	Admin	2024-01-14 13:18:30	MANUAL
PL-3	2024-01-14		Fan Section	Head Office		0000-00-00	Admin	2024-01-14 13:17:30	MANUAL
PL-3	2024-01-14		Fan Section	Head Office		0000-00-00	Admin	2024-01-14 12:58:59	MANUAL
PL-4	2024-01-14		Fan Section	Head Office		0000-00-00	Admin	2024-01-14 13:00:17	MANUAL
PL-4	2024-01-14		Fan Section	Head Office		0000-00-00	Admin	2024-01-14 13:28:38	MANUAL
PL-4	2024-01-14		Fan Section	Head Office		0000-00-00	Admin	2024-01-14 13:32:54	MANUAL
PL-4	2024-01-14		Fan Section	Head Office		0000-00-00	Admin	2024-01-14 13:34:49	MANUAL
PL-5	2024-01-14		Fan Section	Head Office		0000-00-00	Admin	2024-01-14 13:17:08	MANUAL
PL-5	2024-01-14		Fan Section	Head Office		0000-00-00	Admin	2024-01-14 13:31:26	MANUAL
PL-5	2024-02-03		Fan Section	Head Office		0000-00-00	Admin	2024-02-03 17:30:24	UNCHECKED
PL-6	2024-01-14		Fan Section	Head Office		0000-00-00	Admin	2024-01-14 13:31:40	MANUAL
PL-6	2024-02-04		Fan Section	Head Office		0000-00-00	Admin	2024-02-04 15:45:14	MANUAL

Fig 1.6: Daily Floor Requisition Status

## C 1.3: Daily Floor Requisition Receive



Fig 1.7: Daily Floor Requisition Receive

## C 1.4: Print View of Daily Floor Requisition



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Warehouse/Store: Beysh
Store Requisition

SI. No: 87

Section: Factory Unit - 01 Manual Req no : PL-25 Requisition For : 2023-12-04

print

SL.	Product Name	Item Description	сwн	_	App. Qty	Unit	Delivery Date	Remarks
1	Sajeeb Chanacur		0.00	10.00	10.00	Pcs	23-12-04	Urgent
	70gmx4x24pcs					PCS		

Note:

Md. Sohel Biswas				
Prepared By	Authorised By	Checked By	Delivered By	Received by
Printed by: Admin (Admini	stration) Date: 04-02-2024 1	Time: 03:50 PM		

This is an ERP generated report. That is Powered By www.erp.com.bd

Fig 1.8: Print View of Daily Floor Requisition

### D: Section to PL Issue

### D 1.1: Production Line Issue Create

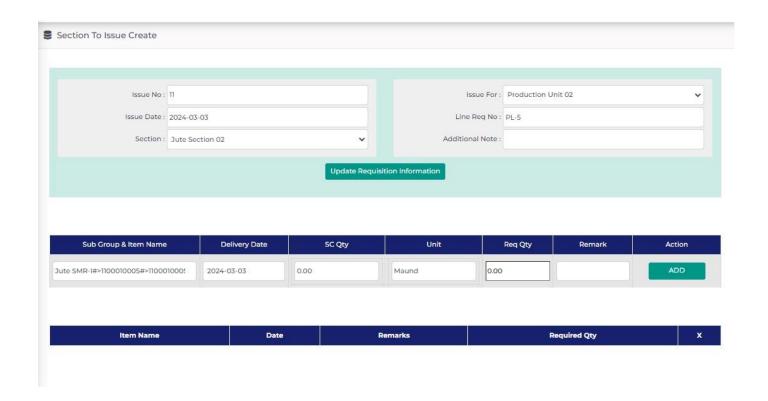


Fig 1.9: Production Line Setup

### D 1.2: Print View of Production Line Status

Warehouse/Store: Beysh Store PL Issue SI. No: 10 Section: Production Unit 02 Manual Req no : PL-4 Requisition For: 2024-02-26 print Req. App. CWH Delivery Date Remarks SL. Product Name Unit Item Description Qty Qty 1 Jute BTD-II 0.00 20.00 Maund 24-02-26 2 Jute SMR-I 0.00 20.00 20.00 Maund 24-02-26 Note: milon Prepared By Authorised By Checked By Delivered By Received by Printed by: milon (Admin) Date: 03-03-2024 Time: 12:07 PM

Fig 1.10: Print View of Production Line

## E: Batch Assignment

### E 1.1: Batch Assignment in Production Order



Fig 1.11: Batch Assignment

## E 1.2: Print View of Batch Assignment

#### ERP COM BD

H: #985, Ave:#2, R: #16, Mirpur 12 DOHS, Dhaka

#### **BATCH ASSIGNMENT**

Product Name : Sajeeb Chanacur 350gmX24pcs

Batch Qty : 800.00 Pcs
Factory Unit : Factory Unit - 01

Batch No: BATCH-2302000001

Batch Date: 26-02-2023

BOM No: BOM-23020002

Print

	Factory Overhead Cost					
SL	Ledger Group	Ledger Name	Amount			
1	Factory Overhead	Depreciation of Machinery & Equipment	400.00			
2	Factory Overhead	Property Taxes on Factory Buildings & Machinery	400.00			
3	Factory Overhead	Insurance For The Factory & Equipment	400.00			
4	Factory Overhead	Repairs & Maintenance of Machinery & Equipment	800.00			
5	Factory Overhead	Utilities Including Electricity, Gas & Water	1,600.00			
6	Factory Overhead	Quality Control & Inspection Costs	400.00			
7	Factory Overhead	Salaries & Wages of Production Supervisors & Support Staff	1,600.00			
8	Factory Overhead	Indirect Labor Costs	800.00			
		Total:	6,400.00			

	Raw Materials Required							
SL	Category	Item Description	Unit	Quantity				
1	Dal-Raw	Mug Dal-Golden	KG	160.00000				
2	Dal-Raw	Mug Dal-Hybrid	KG	400.00000				
3	Oil-Raw	Mustard Oil	KG	80.00000				
4	Oil-Raw	Soyabin Oil	KG	160.00000				
5	Chemical-Production	Tri-Calcium Phosphate	KG	200.00000				

Fig 1.12: Print View of Batch Assignment

## F: FG Receive from Production Line

### F 1.1: FG Receive

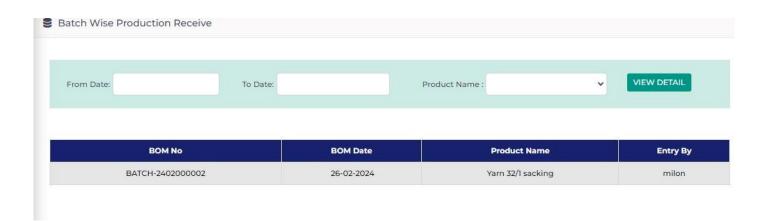


Fig 1.13: FG Receive

### F 1.2: FG Receive Status

#### PRODUCTION RECEIVE

Product Name : GRAPHICS Blue Graphics 10`

Prouction Qty : 50.00 Roll

Factory Unit : Production Unit 02

PR No: FG-2312010001
PR Date: 20-12-2023

BATCH No: BATCH-2312000037

#### Print

Factory Overhead Cost					
SL	Ledger Group	Ledger Name	Amount		
1	Factory Overhead	Property Taxes on Factory Buildings & Machinery	50.00		
2	Factory Overhead	Repairs & Maintenance of Machinery & Equipment	50.00		
3	Factory Overhead	Quality Control & Inspection Costs	50.00		
	-	Total:	150.00		

Raw Materials Consumption							
SL	Category	Item Description	Unit	Price	Quantity	Amount	
1	Raw Materials-Jute	Jute SMR-I	Maund	100.00	50.00	5,000.00	
		Total:				5,000.00	

Production Cost (FG)							
SL	Category	Item Description	Unit	Price	Quantity	Amount	
1	Finish Goods-Geotex	GRAPHICS Blue Graphics 10`	Roll	100.000	50.00	5,000.00	
% G	54 50	Total:				5,000.00	

Production Cost (By Product)						
SL	Category	Item Description	Unit	Price	Quantity	Amount
		Total:				0.00

Fig 1.14: Print View of FG Receive Status

### G: WIP Issue

### G 1.1: WIP Issue Entry

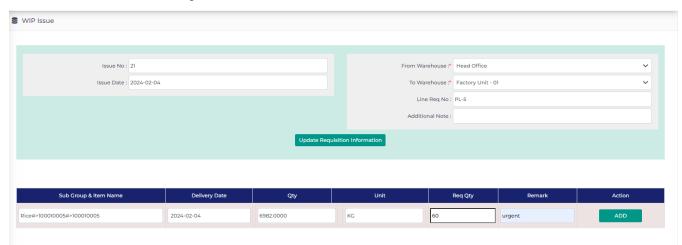


Fig 1.15: WIP issue entry layout

Issue No: A field to input the issue number, currently displaying '21'.

Issue Date: Indicates the date of issue, showing '2022-02-04' in the image.

From Warehouse/Head Office: A dropdown menu to select the originating warehouse or head office; it's set to 'Head Office' in this instance.

**To Warehouse:** Another dropdown for selecting the destination warehouse; 'Factory Unit - 01' is selected here.

**Line Req No.:** A field for entering the line requisition number, with 'PL-5' entered.

**Additional Note:** An empty field meant for adding any extra information or notes regarding the issue.

The table below the WIP Issue Section contains the following columns:

**Subgroup & Item Name:** Describes the item (e.g., "Rice").

**Delivery Date:** Indicates the expected delivery date (e.g., '2022-02-04').

Qty (Quantity): Shows the quantity of the item (e.g., '6892.0000' KG of Rice).

Unit: Specifies the measurement unit (e.g., KG).

Reg Qty (Required Quantity): Indicates the required quantity (e.g., '60' KG).

Remark: Provides additional information (e.g., labeled as 'urgent').

### G 1.2: WIP Status



Issue No	Date	From Warehouse	To Warehouse	Entry By	Status	Action
1	18-09-2023	Power Press And Stamping	Central Warehouse	Admin	COMPLETED	0
2	18-09-2023	Head Office	Head Office	Abu Hasan	COMPLETED	<b>②</b>
3	20-09-2023	Power Press And Stamping	Central Warehouse	Admin	COMPLETED	0
4	20-09-2023	Power Press And Stamping	Central Warehouse	Admin	UNCHECKED	<b>o</b>
6	25-09-2023	Head Office	Factory Unit - 01	Admin	UNCHECKED	0
8	02-10-2023	Head Office	Factory Unit - 01	Admin	COMPLETED	<b>②</b>
10	04-12-2023	Factory Unit - 01	Factory Unit - 02	Admin	COMPLETED	0
23	25-02-2024	Head Office	Head Office	Miskath Jahan Shimu	COMPLETED	<b>o</b>
25	02-03-2024	Head Office	Head Office	Miskath Jahan Shimu	COMPLETED	0
26	03-03-2024	Head Office	Factory Unit - 01	Miskath Jahan Shimu	UNCHECKED	<b>o</b>

Fig 1.16: WIP status

### G 1.3: Print View of WIP Issue



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			VAT Reg. No : 31017475	1200003	3
			WIP Issue		
Issue No: 3			]	Issue Date: 20-Se	p-2023
From Wareho	From Warehouse : Power Press And Stamping			To Warehouse : C	Central Warehouse
Manual No: P	L-2		]		
Print					
SL	Item Code	Item Name	•	Unit	Quantity
1	500020003	Fan		Pcs	100.00
				Totoal Qty	100.00
In Words : On	e Hundred Only	<i>(</i> .			
					Admin
	uction Manage	er			Received By

Fig 1.17: Print view of WIP issue

### G 1.4: WIP Receive

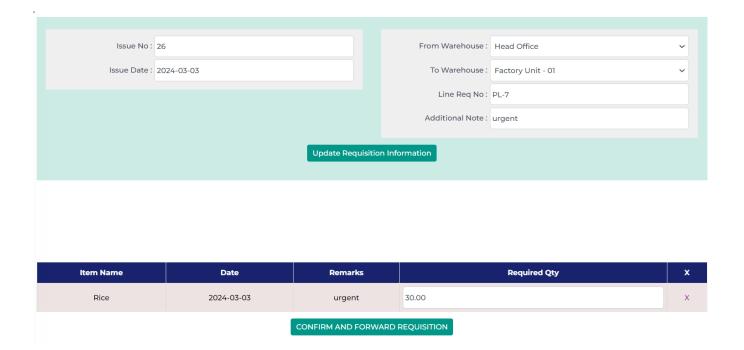


Fig 1.18: WIP Receive

## H: Production Receive (FG)

### H 1.1: BOM wise production receive

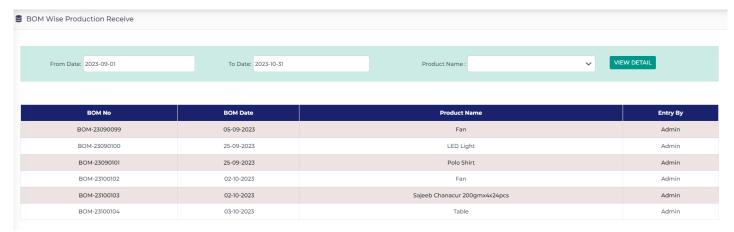


Fig 1.19: BOM wise production Receive.

Here we can see the Bill of Materials wise production receive.

### H 1.2: Print View of Production Receive



#### **ERP COM BD** H: #985, Ave:#2, R: #16, Mirpur 12 DOHS, Dhaka

Cell: 01926318989. Email: ceo@erp.com.bd



#### PRODUCTION RECEIVE

Product Name : Sajeeb Chanacur 70gmx4x24pcs Prouction Qty : 200.00 Pcs

Factory Unit : Factory Unit - 01

PR No: FG-2302010002 PR Date: 26-02-2023

#### Print

	Factory Overhead Cost					
SL	Ledger Group	Ledger Name	Amount			
1	Factory Overhead	Depreciation of Machinery & Equipment	100.00			
2	Factory Overhead	Property Taxes on Factory Buildings & Machinery	200.00			
3	Factory Overhead	Insurance For The Factory & Equipment	100.00			
4	Factory Overhead	Repairs & Maintenance of Machinery & Equipment	400.00			
5	Factory Overhead	Utilities Including Electricity, Gas & Water	600.00			
6	Factory Overhead	Quality Control & Inspection Costs	200.00			
7	Factory Overhead	Salaries & Wages of Production Supervisors & Support Staff	800.00			
		Total:	2,400.00			

	Raw Materials Consumption							
SL	Category	Item Description	Unit	Price	Quantity	Amount		
1	Dal-Raw	Mug Dal-Golden	KG	80.00	48.00	3,840.00		
2	Oil-Raw	Soyabin Oil	KG	200.00	40.00	8,000.00		
3	Chemical-Production	Tri-Calcium Phosphate	KG	71.57	200.00	14,314.20		
		Total:				26,154.20		

	Production Cost (FG)							
SL	Category	Item Description	Unit	Price	Quantity	Amount		
1	1 Chanacur1 Sajeeb Chanacur 70gmx4x24pcs		Pcs	142.771	200.00	28,554.20		
		Total:				28,554.20		

Г	Production Cost (By Product)						
SL	Category	Item Description	Unit	Price	Quantity	Amount	
		Total:				0.00	

Fig 1.20: Print view of production receive.

## I: Finish Good Issue

### I 1.1: Finish Good Issue

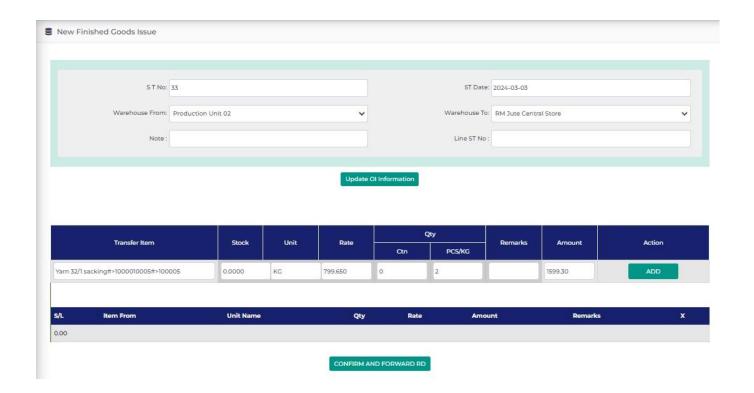
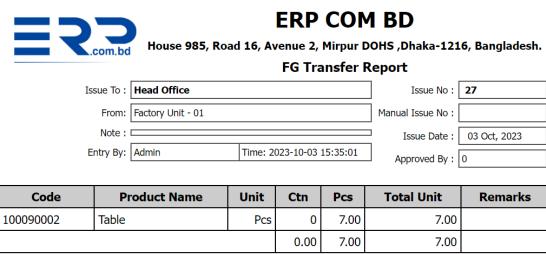


Fig 1.21: Finish Good Issue

#### I 1.2: Finish Good Issue Status



All goods are received in a good condition as per Terms

Print

SL

1

Total

Admin

Issued By Received By Checked By Approved By

Fig 1.22: Print View of FG Issue Status

## J: Production Journal

## J 1.1: Production Issue Journal

Accounts Ledger	Particulars	Dr	Cr
Raw WIP		1000	
Raw Material			1000
	Total	1000	1000

# J 1.2: Consumption Journal

Accounts Ledger	Particulars	Dr	Cr
Finished Goods		1000	
Raw WIP			1000
	Total	1000	1000

# K: Reports

# **THANK YOU**