
 MASH ABLE

 **John Doe**
UX Designer [▼](#)

Admin Panel

[Category Management](#)

[Product Management](#)

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Add Purchase

Date

23/12/2020



MC Name:

subham singh12121



Narration:

Item Details

ITEM NAME	QUANTITY	PRICE	CGST	SGST	IGST	VAT	BATCH NO.	TOTAL AMOUNT
<div>High-waist Trousers</div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div>op</div>	<div></div>

PRODUCT LIST

USER INPUT

Auto Calculate:
(PRICE + CGST + SGST + IGST + VAT) X QUANTITY


Add More


Save

Clear

Three Fields required in Purchase

- Party Name (should suggest party names previously used.
 - User can add new party also.
- Purchase Type:
 - Within State (CGST + SGST)
 - Inter State (IGST)
- Unit Total (Price + CGST + SGST + IGST + VAT)
- Total = Unit Total X Quantity
- Batch Number should be besides Item Name
- Batch Number column should show the batches of the product selected only.

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Add Sale

Sale List

Add Sale


Date

23/12/2020




MC Name:

subham singh12121




Advisor / Distributor's Name:

vipan



Narration:



Item Details

ITEM NAME	QUANTITY	SALE WITHIN STATE	DISTRIBUTOR'S PRICE	CGST	SGST	IGST	VAT	BATCH NO.	TOTAL AMOUNT
High-waist Trou		Yes							

Add More

PRODUCT LIST

USER INPUT

Auto Calculate:
(DP + CGST + SGST + IGST + VAT) X QUANTITY

Three Fields required in Sale

- Party Name (should suggest party names previously used.
 - User can add new party also.
- Sale Type:
 - Within State (CGST + SGST)
 - Inter State (IGST)
- Unit Total (DP + CGST + SGST + IGST + VAT)
- Total = Unit Total * Quantity
- Batch Number should be besides Item Name
- Batch Number column should show the batches of the product selected only.

Calculation of DP Price (Sale Only)

1. DP Price will not show until Item and Batch is selected.

2. Once Selected:

1. Pick MRP from Batch Management.

2. Deduct TAX from Product Management:

- Formula:

$$\text{MRP} / (1 + (\text{IGST} / 100))$$

eg: MRP of 118 and 18% IGST:

$$118 / (1 + (18 / 100))$$

$$118 / (1 + 0.18)$$

$$118 / 1.18$$

$$\text{RP (ex. GST)} = 100$$

Calculation of DP Price (Sale Only)

2. Once Selected:

3. Deduct Distributor Price Margin from Product Management:

- Formula:

$$\text{RP (ex. GST)} / (1 + (\text{Distributor Price Margin} / 100))$$

eg: RP (ex. GST) of 100 and 25% Distributor Price Margin:

$$100 / (1 + (25 / 100))$$

$$100 / (1 + 0.25)$$

$$100 / 1.25$$

$$\text{DP} = 80$$

4. Hence, DP Price (Exclusive of GST) = Rs. 80

Calculation of Sale Price (Sale Only)

1. Calculate DP Price (Exclusive of GST), as shown in the previous pages.
2. Add TAX on the DP based on whether sale is Within State or Inter State:
 1. In Case of Inter State:
 - $\text{SGST} = \frac{1}{2} \text{ of IGST}$
 - $\text{CGST} = \frac{1}{2} \text{ of IGST}$
 - Formula:
$$\text{SGST} = \text{DP} * \text{SGST Rate}$$
$$\text{CGST} = \text{DP} * \text{CGST Rate}$$
$$\text{Total} = \text{DP} + \text{SGST} + \text{CGST}$$

Calculation of Sale Price (Sale Only)

2. Add TAX on the DP based on whether sale is Within State or Inter State:

1. In Case of Inter State:

- Eg: DP is 100 and IGST is 18%

SGST Rate & CGST Rate = $\frac{1}{2}$ of IGST Rate = 9%

SGST = $100 * 9\%$

SGST = 9

CGST = $100 * 9\%$

CGST = 9

Total = DP + SGST + CGST

Total = $100 + 9 + 9 = 118$