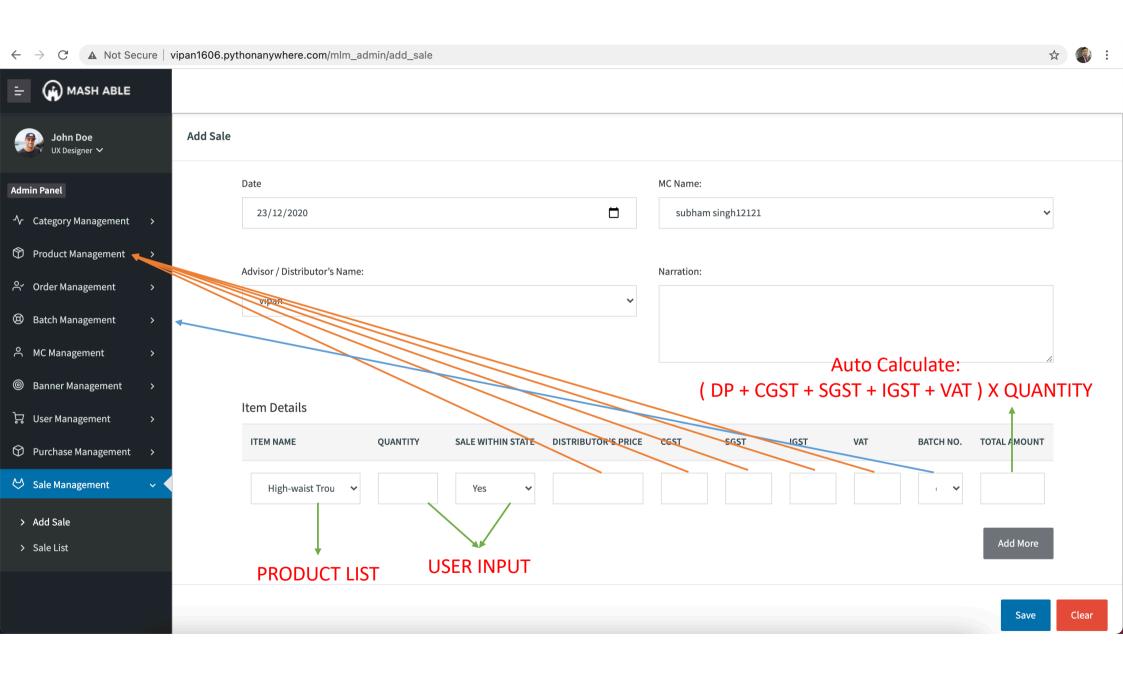


Three Fields required in Purchase

- 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.



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:

```
MRP / (1 + (IGST / 100))
eg: MRP of 118 and 18% IGST:
118 / (1 + (18 / 100))
118 / (1 + 0.18)
118 / 1.18
RP (ex. GST) = 100
```

Calculation of DP Price (Sale Only)

- 2. Once Selected:
 - 3. Deduct Distributor Price Margin from Product Management:
 - Formula:

```
RP (ex. GST) / (1 + (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

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:
 - SGST = ½ of IGST
 - CGST = ½ of IGST
 - Formula:

```
SGST = DP * SGST Rate
CGST = DP * CGST Rate
```

Total = DP + SGST + 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 = ½ of IGST Rate = 9%
        SGST = 100 * 9%
        SGST = 9

        CGST = 100 * 9%
        CGST = 9
    Total = DP + SGST + CGST
        Total = 100 + 9 + 9 = 118
```