

3 Advantages of YEROTH–ERP–3.0

1. YEROTH–ERP–3.0 is 100% stable
2. YEROTH–ERP–3.0 has an alert system with two types of alerts: alerts based on stock–quantity, and time–period alerts
3. users have the choice between small size receipts, and, bigger size receipts (“A4”)
4. YEROTH–ERP–3.0 runs on the Linux operating system, because Linux is stable, performant, and less vulnerable to security breaches in comparison to other operating systems (‘Windows 10’)
5. YEROTH–ERP–3.0 has an user interface “Sales” to view sale information (Figure 2), and thus enables users to make managerial decisions
6. YEROTH–ERP–3.0 has an interface “Business dashboard” that generates financial accounting reports, from sale and payment information, to help managers to make “business decisions”.

stock “mango” quantity reaches 100; An alert–message is sent to user John (« Storekeeper »).

4.2 Alerts over Time–Period

A time–period is defined by a starting–date and an ending–date (dates are from the “gregorian” calendar).

An alert over a time–period (T) is a message that is generated, sent to a pre–determined user, and kept within YEROTH–ERP–3.0 from T’s starting–date up to T’s ending–date.

For example, an alert with a message has to be sent to Paul (« Cashier ») when the date of May 05th is reached. The alert message specifies that a rebate of 20% has to be applied on every sale of yoghourt ‘trèsbon’ during a time interval of 2 weeks.

5 Database Management System

YEROTH–ERP–3.0 uses ‘MariaDB’ as the standard DBMS. ‘MariaDB’ is very stable, very performant, and free–software.

6 Conclusion

| | Sale date | Product name | Qty | Total sale |
|---|------------|--------------------------------|------|------------|
| 1 | 02.12.2020 | TRITAZID 5/25MG CPR B/28 | 1.00 | 6,855.00 |
| 2 | 02.12.2020 | TENSIONORME CPR BT 24 | 1.00 | 1,400.00 |
| 3 | 02.12.2020 | MASQUE CHIR B/50 | 2.00 | 1,000.00 |
| 4 | 02.12.2020 | CA C 1000 CPR EFFV ORANGE B/10 | 1.00 | 1,775.00 |
| 5 | 02.12.2020 | AZITRINE 500MG CPR B/3 | 1.00 | 4,595.00 |
| 6 | 02.12.2020 | ARTESIANE 40MG SUPPOGEL B/6 | 1.00 | 2,865.00 |
| 7 | 02.12.2020 | ALCOOL ETHYLIQUE 90° SOL F/125 | 1.00 | 1,100.00 |
| 8 | 18.12.2020 | ACFOL 5MG CPR B/252 | 2.00 | 0.00 |

Figure 2: Sale–information window.

4 Alert System

Users with roles « Administrator » or « Business manager » are the ones able to create alerts.

YEROTH–ERP–3.0 allows its users to create two types of alerts:

1. alerts over stocks–quantities
2. alerts over time intervals (this helps for perissable articles and for sales discounts over a period of time).

4.1 Alerts over Stock–Quantity

An alert over a stock–quantity is a message that is sent to a pre–determined user whenever “pre–determined” stock–quantity (X) of a specific article–stock is reached.

For instance, Xavier (« Business manager ») could create an alert for stock “mango” that will be triggered whenever

| Reference | Product name | Category | Qty | Stock qty | Unit price | Tax | Total ATC |
|-----------|--------------|----------|-----|-----------|------------|-----|-----------|
| | | | | | | | |

Figure 3: Point–of–sale window.

Figure 3 illustrates the window for selling articles.