## Information Brochure of the ERP software—system YEROTH—ERP—3.0

## DR. XAVIER NOUMBISSI NOUNDOU

| Tasks                                  | « Business manager » | « Seller »       | « Stock manager » | « Storekeeper » | « Cashier » |
|--|----------------------|------------------|-------------------|-----------------|-------------|
| insert stock (or service)              | <b>√</b>             | √ (SERVICE)      | √ (STOCK)         | -               |             |
| delete stock                           | ✓                    |                  |                   |                 |             |
| view stock                             | ✓                    | $\checkmark$     | $\checkmark$      | <b>√</b>        | <b>√</b>    |
| modify stock                           | ✓                    |                  | <b>√</b>          |                 |             |
| transfer stock                         | ✓                    |                  | <b>√</b>          | <b>√</b>        |             |
| modify stock                           |                      |                  |                   |                 |             |
| management strategy                    | $\checkmark$         | √ (NO PERMANENT) | √ (NO PERMANENT)  |                 |             |
| (e.g.: « FIFO », etc.)                 |                      |                  |                   |                 |             |
| point-of-sale                          | √                    | $\checkmark$     |                   |                 | <b>√</b>    |
| view stock transfers                   | ✓                    |                  | $\checkmark$      | <b>√</b>        |             |
| purchase management                    | ✓                    | √                | √ (PARTIAL)       |                 |             |
| supplier management                    | ✓                    | <b>√</b>         |                   |                 |             |
| customer relationship management (CRM) | ✓                    | √                |                   |                 |             |
| business dashboard                     | √                    |                  |                   |                 |             |
| sale return                            | ✓                    |                  |                   |                 |             |
| view sales information                 | $\checkmark$         | √ (SELF)         |                   |                 |             |

Table 1: YEROTH-ERP-3.0 functions-tasks, and associated users-roles.

## 1 Developer Biography



Figure 1: Portrait of DR. XAVIER.

**DR. XAVIER NOUMBISSI NOUNDOU** is a CHRISTIAN BY FAITH, Cameroonian, born on September 16 1983 in DOUALA (LITTORAL region, CAMEROON).

Xavier has a "Diplom-Informatiker (Dipl.-Inf.)" qualification from the University of Bremen, Bremen, Bremen, GER-MANY (May 25, 2007).

Xavier is a *PH.D. in Software Engineering* (software construction, and testing) since November 18, 2020 because of his academic research, and professional engineering contributions as follows:

 'Context-Sensitive Staged Static Taint Analysis For C using LLVM'

- 1. source code:
  - http://github.com/xnoumbissinoundou/
    yeroth-saint
- full text (published on July 1<sup>st</sup>, 2015): http://archive.org/details/saint\_201507.
- 2. 'YEROTH-ERP-3.0':
  - 1. source code:
    - http://github.com/xnoumbissinoundou/yeroth-erp-3.0
  - full text (ongoing publication): http://archive. org/details/yeroth-erp-3-0-info-english.

## 2 Introduction

YEROTH—ERP—3.0 is an **Enterprise Resource Planing** (ERP) software—system.

Users of YEROTH-ERP-3.0 could have the following roles:

- 1. « Administrator »
- 2. « Business manager »
- 3. « Cashier »
- 4. « Seller »
- 5. « Stock manager »
- 6. « Storekeeper ».

YEROTH—ERP—3.0 allows for business management tasks listed in Table 1, depending on user role.