# PART ONE:

# INSERTION PHASE

Preamble

This phase presents the details of how we were integrated in the host company, the company presentation and organisation.

Overview

INTRODUCTION

1. WELCOME AND INTEGRATION
2. GENERAL PRESENTATION OF THE COMPANY
3. ORGANISATION OF THE XOMPANY
4. HARDWARE AND SOFTWARE RESOURCES OF THE COMPANY
5. BRIEF PRESENTATION OF THE PROJECT THEME

CONCLUSION

## INTRODUCTION

The insertion phase is a period (generally of 02 weeks) reserve for the different interns to discover and to familiarize with the working environment. Here, we got to know about the staffs, the different hardware and software resources used, the different departments which constitute the enterprise, how the company function both internally and externally and we were introduced to our work space. During this period, we were also attributed an internship master often called professional supervisor and a theme. We also had a time to discuss amongst us interns on topics like what we love doing most, what we dislike, our believes and experiences. We shared about different realizations and failures in life.

## WELCOME AND INTEGRATRION

### Welcome

We arrived at REALIZE on Monday July 2023 at 8:00am. We were welcomed, by **Mr TANUE Monette BUKWATI** the enterprise frontend developer, who introduced us to our work space and his collaborators. Later run, he gave us the task to do some findings on the possible internship themes that we can work on.

### Integration

A working day at REALIZE start from 07:30am to 04:30pm. Our tasks in the company generally follow a predefine routine. Every day we were to write five pages of our internship report, to complete the assigned task for the day. It was also an opportunity to present our difficulties and challenges to everyone and receive directives.

## GENERAL PRESENTATION OF THE COMPANY

### Geographical location

### History

Realize is a Cameroon based non-governmental tech start-up institute founded by **NDELOGAKEH DANIEL** in 2022 which proposes IT solutions and empowers the use on new technologies in Cameroon.

### Mission

The mission of Realize mainly relates to the empowerment and the perpetuation of Technology use. These missions include:

* Design and realize mobile-oriented software for companies and individuals;
* Assist newborn companies for quick growth using computer sciences;
* Provide training and certifications to improve qualified human resources in many fields of study;
* Take an active part in the sustainable development of the world through innovative solutions and virtual reality.

### Vision

At Realize, we believe that the true potential of every organization and individual can be unlocked through the harmonious fusion of analysis, development, realization, and data analytics. Our vision propels us forward, guiding us to make a lasting impact on the digital landscape and shape a future where innovation knows no bounds.

### Activities

The activities of Realize range from computer sciences, engineering, and training. We can outline the following:

* Conception realization, and hosting of websites;
* Software development and maintenance;
* Training in Software related fields;
* Conception and realization of multimedia;
* IT consulting and innovation
* IT support

## ORGANISATION OF THE ENTERPRISE

### Administrative Organisation of REALIZE

REALIZE is administratively organised as follows;

#### The General Management

### Functional organization of REALIZE

The functional branch of REALIZE is organised as follows;

## HARDWARE AND SOFTWARE RESOURCES OF THE COMPANY

### Hardware Resources

**Table 1**: Hardware resources of REALIZE (source: MERCURIAL 2022)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Designation | Quantity | Characteristics | Observation |
| 1 | MacBook Pro | 1 | APPLE | Good |
| 2 | Modem | 1 | CAMTEL | Good |
| 3 | LCD Screen | 1 | HP | Excellent |
| 4 | Training equipment and office furniture | / | / | / |

### Software Resources

As an enterprise specialised in IT, REALIZE also comprises of software resources such as;

**Table 2**: Software resources of REALIZE (source: MERCURIAL 2022)

|  |  |
| --- | --- |
| Designation | Software |
| Operation system | Windows 10, Mac OS, parrot Linux |
| Design tools | Photoshop |
| Integrated development environment (IDE) | Visual studio code, |
| Text editor | Sublime text, notepad++ |
| Database management system (DBMS) | MongoDB, PostgreSQL, MySQL |
| Web browser | Google chrome, Microsoft edge |
| Document editor | Microsoft office word |
| Presentation | Microsoft office PowerPoint |

## BRIEF PRESENTATION OF THE PROJECT THEME

During our insertion phase in REALIZE, we were asked to look for themes which solves a specific problem and something innovative. professional supervisor took some time to look into what we proposed as themes and he also proposed some themes ideas. Finally, we had to go for **“COMPUTERIZE MULTIFUNCTION AGRICUSINESS PORTAL”**. This platform will help the participants of the agribusiness’ sector to sell their product online, contact agricultural consultant for more knowledge in the agricultural domain, book a drive means to ease the transportation and shipping of products. The platform also helps agribusiness’ actors to know the price of products and prepare themselves in case of future change in price.