

# VLEARN

E-Learning Platform

## INTRODUCTION

### i) **General presentation of start-up**

Virgotech is a technology start-up based in Yaoundé-Cameroon. It is located in the Messasi – “Amour Bar” neighborhood. Virgotech is a legal entity in Cameroon registered under RC: RC/YA0/2019/B/881 and tax payers number MID19141827145. We provide the following services; - web development, software development, networking, mobile app development, Data Analysis, IT equipment maintenance and graphics design.

Virgotech’s primary mission is technological innovation in various IT fields such as E-Learning, Fintech, Robotics, Artificial Intelligence, E-Agriculture, E-Health and Internet of Things (IoT).

### ii) **General presentation of project**

Vlearn is a cutting-edge E-learning platform which will facilitate the development of content and curriculums online. Vlearn would provide a suitable learning environment to its users by providing them with onboard discussion forums(teachers-students, students-students and teachers-teachers), open classrooms, media sharing, interaction between schools, private video lessons, interactive learning experience using illustrations and animations, offline content support, online library, grade specific courses based on existing curriculum and courses designed for capacity building.

## A. IMPORTANT PROBLEMS

### i) **Low Availability of Locally Developed Content and Curriculum Online**

Content development is a critical area that is too often overlooked. Academic institutions in Cameroon have not made the level of investment needed in developing local content that is aligned with the national curriculum and that can be utilized for eLearning. The majority of tertiary institutions still use textbooks from the United Kingdom, France and the USA and there has not been a consistent drive to develop local content. Given the unique facets of Cameroon, the diversity of languages and culture and specialized needs, there is a great need to develop targeted plans for content development.

### ii) **Training and Professional Development**

Teachers in Cameroon have been brought up in education systems with limited technology and they find it difficult to utilize technology to engage and support

learning. There is a great emphasis that needs to be made for teachers to understand that technology is not replacing them, but rather it is an enabler that will enhance their work. A huge challenge is to develop and implement training and professional development for teachers so they may embrace teaching with technology and understand the benefits of teaching with technology as a way to advance the academic outcomes of students.

**iii) Internet Access / Connectivity**

Not everyone in Cameroon has access to internet connectivity. The need for creating e-learning hubs and offline content is very important. It gives equal opportunities to all learners and enhances the learning experience.

**iv) Student Motivation**

Although student motivation can only truly happen intrinsically, creating the right online environment where students want to learn and feel successful is the primary responsibility of the instructor or course designer. According to Martin, in today's online environments there is a lack of teacher presence, face-to-face (f2f) interaction, and tech support (2009). The most well planned and explicitly laid out online instructional environment is not enough to sustain learner interest or support intrinsic motivation. On the other hand, learners new to an online learning environment typically lack the level of metacognition awareness, time management skills, and self-directed learning needed to be successful.

## **B. INNOVATIVE FACTOR**

Vlearn is an all in one eLearning platform as it provides the following; -

- Curriculum and level specified content
- Discussion rooms (private, group and school specific) for teachers and students to interact.
- Possibility for video conferencing between teachers, students and school administration.
- Live classroom videos.
- Possibility to save and access content offline.
- Assessments and course evaluations are organized weekly or after every milestone.

## **C. Target Beneficiaries**

Vlearn has been developed for teachers, students, schools and anyone who wants to reinforce his or her capacities.

## **D. Revenue Model**

Vlearn has a revenue model which is affordable to the majority.

<b>Beneficiary</b>	<b>Monthly(FCFA)</b>	<b>Yearly(FCFA)</b>
Teachers	700	7 500
Students	500	5 000
Schools	-----	2 500/student
others	1 000	10 000

## **E. Team Members**

### **1- LATEH LARRY-COLLINS AKA**

Project Coordinator and  
Software engineer

### **2- ADIOKO MBASSA YVES**

Graphics designer and project analyst.