**APPROVAL**

I, undersigned **Mr. CHICK JOSEPH TITA** hereby acknowledge and certify that this report entitled: “**DESIGN AND IMPLEMENTATION OF A PORTFOLIO-BUILDING APPLICATION CASE OF PORFOLIOBUILD”** is the original work of **MALALOUM DJOU MIREILLE** with matricula number **VTIB222MUE007** writing after elaborated search in the field.

The responsibility for any errors, omissions, or facts that may be found in the work is that of the researcher. My own responsibility has been to ensure that the report conforms to international standards and format required by **VTIB** under the tutelage of the MINISTRY OF HIGHER EDUCATION.

I find this copy convincing, and as such fit for the public defense before the competent jury for evaluation, in partial fulfillment of the HIGHER NATIONAL DIPLOMA (HND) in Software Engineering.

**SUPERVISOR:** **Mr. CHICK JOSEPH TITA**

**SIGNATURE:**

**DATE:**

**CERTIFICATION**

This project report entitled **“DESIGN AND IMPLEMENTATION OF A PORTFOLIO-BUILDING APPLICATION CASE OF PORFOLIOBUILD”** by **MALALOUM DJOU MIREILLE** with matricula number **VTIB222MUE007** meets the requirement and regulation governing the awareness of the Higher National Diploma (HND) in Software Engineering. By **VTIB** under the tutelage of the MINISTRY OF HIGHER EDUCATION, hence approved for its contribution to scientific knowledge and literary presentation.

**ACADEMIC SUPERVISOR: DEAN OF STUDIES:**

Mr. CHICK JOSEPH TITA Mr.

**SIGNATURE:**

**DATE:**

**SIGNATURE:**

**DATE:**

**PRESIDENT OF JURY:**

**SIGNATURE:**

**DATE:**

DEDICATION

**TO MY FAMILY**

**ACKNOWLEDGEMENT**

I would like to express my heartfelt gratitude to all those who have contributed to the successful completion of this portfolio building application.

First and foremost, I extend my sincere appreciation to my supervisors, **Mr. CHICK JOSEPH TITA, Mr BESONG MICHAEL E.**  for their invaluable guidance, support, and encouragement throughout this project. Their expertise and constructive feedback have been instrumental in shaping the application's development and ensuring its alignment with the project's goals.

* I extend my thanks to my beloved mother MACHUCHINE CECILIA for her lot prayer over my life, for all the finance and support to my academic career.
* To my brother MOFFA JOU SEVERIN for all the financial and moral support to my academic career.
* To my sister TSATAT JOU MERLINE FLORE for all the financial and moral support to my academic career.
* To my brother JEAN NORBER for all the financial and moral support to my academic career.
* To my brother JOU ULRICH for all the financial and moral support to my academic career.
* To my classmate for their moral support and all their encouragement throughout the completion of this project.

Lastly, I offer my gratitude to the institution and all individuals who have contributed directly or indirectly to this project's completion. Your support and collaboration have been indispensable. This project would not have been possible without the collective efforts of everyone involved, and for that, I am deeply thankful.

**ABSTRACT**

This report explores the development and implementation of a PORTFOLIO BUILDING APPLICATION designed to assist individuals in creating and showcasing their professional portfolios. The report delves into the methodology, features, and technical aspects of the application, highlighting the significance of user experience (UX) design, security measures, and future developments.

A comparison is drawn between the new portfolio-building application and traditional resume systems to underline the advantages of portfolios, such as enhanced visual representation, comprehensive evidence of skills, and personal branding. Additionally, the report covers the various types of portfolios and their potential disadvantages.

The case study further emphasizes the importance of portfolios in online visibility and their role in convincing employers. Through a systematic system analysis and well-thought-out system design, the application aims to provide a seamless, user-friendly experience, empowering individuals to present their work effectively and stand out in today's competitive professional landscape. For this solution, I used a web server (Apache), a MySQL DBMS, Operating System and I programmed in HTML, CSS, Bootstrap, JS, JQUERY, PHP, and SQL. So, I demonstrate that with security in place, my application was able to help individuals captivate potential employers with their portfolio and my objective was very much attained.

**RESUME**

Ce rapport explore le développement et la mise en œuvre d'une APPLICATION DE CREATION DE PORTFOLIO conçue pour aider les individus à créer et présenter leurs portfolios professionnels. Le rapport examine la méthodologie, les fonctionnalités et les aspects techniques de l'application, mettant en évidence l'importance de la conception de l'expérience utilisateur (UX), les mesures de sécurité et les développements futurs.

Une comparaison est établie entre la nouvelle application de création de portfolio et les systèmes traditionnels de CV pour souligner les avantages des portfolios, tels que la représentation visuelle améliorée, les preuves complètes des compétences et le renforcement de la marque personnelle. De plus, le rapport couvre les différents types de portfolios et leurs éventuels inconvénients.

L'étude de cas souligne également l'importance des portfolios dans la visibilité en ligne et leur rôle dans la persuasion des employeurs. Grâce à une analyse systématique du système et une conception bien réfléchie du système, l'application vise à offrir une expérience fluide et conviviale, permettant aux individus de présenter leur travail de manière efficace et de se démarquer dans le paysage professionnel concurrentiel d'aujourd'hui. Pour cette solution, j’ai utilisé un serveur web (Apache), un SGBD MySQL, un system d’exploitation et j’ai programme en HTML, CSS, Bootstrap, JS, JQUERY, PHP et SQL. Ainsi, j’ai démontré qu’avec la sécurité en place, mon application était en mesure d’aide les individue a attiré des employeur potentiel avec leur portfolio et mon objective a été largement atteint.