

UNIVERSITY OF DAR ES SALAAM



**COLLEGE OF INFORMATION AND COMMUNICATION TECHNOLOGIES
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING.**

**PROJECT TITLE : DOCUMENT VERIFICATION SYSTEM USING BLOCKCHAIN
TECHNOLOGY.**

INTRODUCTION

This project comprises of both back-end (smart contract implementation) and user interface (decentralized application), with their **Installation procedures** written in the individual project Read.me file.

It has implemented several requirements/ features including, user management,document storage, document signing, document verification, document tracking and ability to share documents from one operator to another.

WORK DISTRIBUTION

This project has been done with two Bachelor Degree students from the University of Dare-es-salaam (UDSM-COICT); these are JULIUS MARENGA (2020-04-05795 Bsc CEIT) and PHILIPINA SHINE (2021-04-11635 Bsc CS) with the great support from their supervisor DR ANTHONY KIGOMBOLA PhD.

a) PHILIPINAH SHINE

- Involved in all steps of requirements, analysis and research on the usability of the technology in the given context of the problem.
- Build the user interface for the project.
- Perform and organize the testing of the whole system.

b) JULIUS MARENGA

- Involved in the user requirement analysis and perform research mainly on the blockchain technologies and how to build around it.
- Build the smart contracts , test them and deploy them to the blockchain network.
- Integrate the smart contract with the application built prior.
- Writing the unit tests and deploy the application as whole.

N:B The project is deployed and can be viewed via <https://fyp-2024-iota.vercel.app/>