



**BUSITEMA
UNIVERSITY**
Pursuing Excellence

FACULTY OF ENGINEERING

DEPARTMENT OF WATER RESOURCES AND MINING ENGINEERING

FINAL YEAR PROJECT REPORT

DESIGN AND CONSTRUCTION OF PLASTIC TANK CLEANING MACHINE

CASE STUDY: BUSITEMA UNIVERSITY, FACULTY OF ENGINEERING

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DEDICATION

This report is dedicated to my, mother Toto Miriam Atyang and the late father Papa Awollo James, all my siblings and my friends who have worked tirelessly to support me in all spheres of life that has enabled me reach up to this academic level and for making this report a success. May the Almighty God bless you and reward you abundantly for all your efforts.

DECLARATION

I **ETYANG PAUL** declare that all the material portrayed in this project proposal report is original and has never been submitted in for award of any Degree, certificate, or diploma to any university or institution of higher learning.

Signature.....

Date.....

APPROVAL

This final report has been submitted to the Faculty of Engineering for examination with approval of my supervisor.

Name: Mr. Makumbi Thomas

signature.....

Date:

SUMMARY

This is a technique used to determine whether a project or activity is feasible by weighing the monetary cost of doing the project or activity versus the benefits. (Ordish, 1976)

It's the best system for institutions that have circular plastic tanks, to help in maintenance of such systems.

Challenges of obtaining the exact material composition the design requires, and systems with appropriate power rating. Due to Financial constraints

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LIST OF ACRONYMS

NWSC	National Water and Sewerage Corporation
WHO	World Health organization
IFR	Instream flow Requirements
WEDC	Water Engineering and Development center
WEF	World Economic Forum
PVC	Poly Vinyl Chloride