

# **LOST AND FOUND PROPERTY TRACKING SYSTEM**

## **CASE STUDY: KAMPALA UNIVERSITY**

BY

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**REG.NO: BCSIT/01/024D/FEB/2024**

A Project Report Submitted to the School of Computer Science and Information Technology in the Partial Fulfillment of Requirements for the Award of the Bachelor's Degree in Computer Science and Information Technology Of Kampala University

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### **DECLARATION**

I, KABIIRI SCOVIA, with registration number BCSIT/01/024D/FEB/2024, hereby declare that the work presented in this document is my original work and has been carried out under the guidance of my supervisor, Madam Brenda Kintu Kakirya, in the Department of Computer Science and Information Technology.

This work is submitted in partial fulfillment of the requirements for the Bachelor of Computer Science and Information Technology at Kampala University. I affirm that this work has not been submitted to any other institution for any other degree or award.

Signature: ..... Date: .....

### **APPROVAL**

This is to certify that the work entitled LOST AND FOUND PROPERTY TRACKING SYSTEM submitted by KABIIRI SCOVIA, with registration number BCSIT/01/024D/FEB/2024, in partial fulfillment of the requirements for the Bachelor's Degree in Computer Science and Information Technology at Kampala University, has been reviewed and approved.

The work meets the standards and requirements set forth by the Computer Science and Information Technology and is hereby accepted for the award of the Bachelor's Degree

in Computer Science and Information Technology.

Supervisor:

Ms. Brenda Kintu Nakirya

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## DEDICATION

This work is dedicated to my family, whose unwavering support and encouragement have been my greatest source of strength throughout this journey. To my parents Mr. WAZABWE ALUPAKUSADI and Mrs. MUSUBIKA TAPENESI, for their sacrifices and belief in my dreams, and to my siblings, for their constant motivation and understanding.

I also dedicate this work to my mentors and friends who have guided and inspired me along the way especially Mr. Seremba Cyprian Davis. Your wisdom and insight have been invaluable, and I am deeply grateful for your contributions to my academic and personal growth.

Lastly, I dedicate this work to all those who have been a part of my journey, directly or indirectly, helping me to achieve this milestone.

Thank you all for your steadfast support and encouragement.

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I am deeply grateful to those who have supported me throughout my academic journey in Computer Science and Information Technology.

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## ABSTRACT

The implementation of a Lost and Found Property Tracking System (LFPTS) at Kampala University aims to streamline the management, tracking, and recovery of lost and found property within the university campus. The university community, including students, staff, and visitors, faces challenges related to manual tracking, misplaced items, delayed property recovery, and poor communication between relevant stakeholders.

This project explores the design, development, and deployment of a custom-built LFPTS tailored for Kampala University. The system addresses core aspects of lost and found management, including lost item reporting, found item logging, claim verification, item matching, notifications, return management, and administrative oversight. By shifting from a paper-based/manual process to a digital system, Kampala University seeks to reduce lost property handling time, improve transparency, and provide a secure, accessible solution for all campus users.

The report covers the main challenges in current lost and found processes, the system's proposed modules and their interactions, and the practical benefits of digital transformation in this context. Major benefits include improved efficiency, faster item recovery, better user experience, data-driven insights, and enhanced security. The study concludes with an assessment of the system's effectiveness at Kampala University, noting key successes, lessons learned, and future improvement areas for property management.

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