

THE STATE UNIVERSITY OF ZANZIBAR



SCHOOL OF COMPUTING AND MEDIA STUDIES

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INTRODUCTION

In today's digital age, mobile phones have become indispensable tools that can revolutionize various aspects of our lives, including education and organization. Library management systems are crucial for efficiently organizing and accessing resources in educational institutions. However, they often face challenges such as manual book tracking, difficulty in locating resources, and limited accessibility. Leveraging mobile phones can offer innovative solutions to address these challenges and enhance the efficiency of library management systems.

PROBLEM STATEMENT

In traditional library management systems, users often encounter difficulties in locating resources, managing borrowed items, and accessing library services remotely. This results in inefficiencies, frustration among users, and increased workload for library staff. Additionally, the manual tracking of books and resources is prone to errors and can lead to discrepancies in inventory management.

PROPOSED SOLUTION

Integrating mobile phone technology into the library management system can offer several benefits:

- **Mobile Catalog Access:** Develop a mobile application that allows users to search for books, check availability, and place holds remotely. This provides convenience and accessibility, allowing users to access library resources anytime, anywhere.
- **Push Notifications:** Implement push notifications to remind users of upcoming due dates, overdue items, and library events. This helps users stay organized and informed, reducing the risk of late returns and improving communication between the library and its patrons.
- **Digital Resource Management:** Enable users to access digital resources such as e-books, journals, and online databases through the mobile app. This expands the library's offerings and provides users with a diverse range of resources to support their academic and research needs.

