**Project Description: TUK Lost and Found Information System.**

**Title: TUK Lost and Found Information System**

**Abstract:**

The Lost and Found Information System is a web-based application that provides an efficient and user-friendly online platform for individuals to post information about lost and found items. The system aims to facilitate the reuniting of lost items with their rightful owners and enhance communication between those who have lost items and those who have found them. The project was developed using PHP and MySQL database technologies to ensure robustness and scalability. The system consists of two modules: the Public Site, accessible to all visitors, and the Management Site, accessible only to authorized administrators and staff users.

**Objective:**

The primary objective of the Lost and Found Information System is to create an easy-to-use and centralized platform for managing lost and found items. The system allows users to post details about lost items they are looking for and found items they wish to return. By providing a comprehensive and searchable database of lost and found items, the project aims to enhance the chances of reuniting these items with their owners and reduce the hassle and stress associated with the process.

**Features and Functionalities:**

**Management Site:**

1. User Authentication: The system requires administrators and staff users to log in with their valid credentials to access the Management Site.
2. Dashboard: Upon successful login, administrators and staff users are greeted with a dashboard that provides an overview of essential system information, including the number of items posted, categories, and messages.
3. Category Management: Administrators have the privilege to manage item categories. They can add new categories, list existing ones, view category details, update category information, and delete categories.
4. Item Management: Administrators can efficiently manage lost and found items. They can add new items, view details of existing ones, update item information, and remove items when necessary.
5. User Management: Administrators can effectively manage user accounts. They have the authority to add new users, list all users, update user details, and delete user accounts.
6. Messages Management: Administrators can view and manage messages or inquiries sent through the Public Site. They can list all messages, read message details, and delete messages as needed.
7. Page Management: The system allows administrators to update content on the Public Site dynamically. They can modify the content of the home page and the "About Us" page to ensure accurate and up-to-date information.
8. Update Contact Information: Administrators can modify the contact information displayed on the Public Site to ensure visitors can reach out to the appropriate authorities easily.
9. Update Account Details: Administrators and staff users can update their account information, such as username and password, to maintain the security of their profiles.
10. Update System Information: Administrators have the authority to update system-wide information, such as the organization's name or logo, to keep the system relevant and branded appropriately.

**Public Site**:

1. Home Page: The Public Site's home page serves as the landing page for visitors and provides a brief overview of the Lost and Found Information System's purpose and features.
2. List All Published Lost and Found Items: Visitors can explore a comprehensive list of all published lost and found items. They can view detailed information about each item, such as the description, date found, and contact information of the person who found it.
3. Filter Items by Category: To facilitate quick and convenient searches, visitors can filter the list of lost and found items based on their category of interest.
4. Post Found Item: Visitors can contribute to the system by posting information about items they have found and wish to return to their rightful owners. However, this action is subject to approval by the system's administrators to maintain accuracy and prevent misuse.
5. "About Us" Page: The Public Site includes an "About Us" page that provides visitors with insights into the Lost and Found Information System's mission, objectives, and the organization behind it.
6. Contact Information Page: Visitors can access the contact information page to find multiple ways to get in touch with the system administrators for inquiries or assistance.
7. Send Message/Inquiry: Visitors can use the messaging feature to send messages or inquiries to the system administrators regarding lost and found items or any other relevant concerns.

**Conclusion:**

The Lost and Found Information System project aims to bridge the gap between individuals who have lost items and those who have found them. Through a user-friendly and centralized web application, the system enables users to post details about lost and found items and explore a comprehensive database of such items. The system's dual-module structure ensures that administrators and staff can efficiently manage the system's data, while visitors can easily access the information they need. The Lost and Found Information System seeks to facilitate the process of reuniting lost items with their owners and contribute to a more organized and community-driven approach to lost and found item management in Kenya.