

Smart Maintenance Logbook System (SMLS) – Presentation Script

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Time: 9:00 AM

Slide 1: Introduction

Good morning everyone. My name is Samuel Mungai, and today I'm excited to present the Smart Maintenance Logbook System (SMLS).

How many times have maintenance requests been written in a paper logbook, forgotten, ignored, or lost? That is the exact problem this system is designed to solve.

Slide 2: The Problem

1. Manual processes: Maintenance reporting is slow and error-prone.
2. Lack of transparency: Tenants don't know if their issue was seen or who is fixing it.
3. Inefficiency: Maintenance teams struggle to prioritize without real-time tracking.

Slide 3: The Solution (SMLS)

A centralized digital platform for reporting and tracking maintenance issues.

Key Features:

- Secure user accounts.
- Categorized reporting with room numbers and photo uploads.
- Real-time status updates (Pending → In Progress → Completed).
- Technician assignment.

Live Demo Script:

1. Login Page – Secure login for tenants.
2. Dashboard – Overview of all reported issues.
3. Creating a Request – Select category, enter room number, describe issue, upload photo.
4. Tracking – Status updates and technician assignment.

Technical Highlights:

- Backend: Django (Python)
- Database: SQLite
- Frontend: HTML5/CSS3
- Security: Django Authentication

Conclusion:

The Smart Maintenance Logbook System improves workflow efficiency, enhances transparency, and organizes maintenance for both tenants and property managers.

Thank you. I am open to questions.