

# TVET LMS

*Training, the smart way.*

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## Who We Are

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**TVET LMS** is the most advanced AI-powered learning management system designed specifically for Technical and Vocational Education and Training (TVET) institutions in Kenya. We purpose ourselves to make training smart, efficient, and cost-effective for all TVET institutions through digital E-portfolio and AI-powered professional document management.

Serving trainers, students, and institutional management including HODs, exam offices, and principals across all departments, we are revolutionizing how TVET education is delivered and managed.

## Benefits for Everyone

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📦📦 For Trainers

## **40%** reduction in workload

- AI-generated learning plans
- Automated session plans
- Smart assessment plans
- Instant exam generation
- Auto-generated records of work
- Notes & training aids library

## **For Students**

### **24/7** access to resources

- Complete digital e-portfolio
- All notes in one place
- Instant report cards
- Training materials library
- Assessment tracking
- Performance analytics

## **For Institutions**

### **60%** reduction in paperwork

- Streamlined e-portfolio system
- Real-time attendance monitoring
- Live performance tracking
- Unlimited exam archive
- Comprehensive exam management
- Cost & energy savings

# The Challenge We Address

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## Trainers Do a Lot of Stuff

They teach, obviously, but also carry out a million other activities at the same time. These include setting up exams, administering and marking of exams. They also prepare and present academic reports, attendance records, learning plans, session plans, and now with the modular curriculum, the list gets even longer.

Now, majority of trainers do this manually. For instance, setting an exam involves looking for questions, combining them, moderating them, putting them in a word processor, formatting the document, getting the document to the printing center, waiting for it to get printed, delivering it to the students, collecting it, designing the marking scheme, marking the paper, grading it, calculating the average and so on. **It is indeed an exhausting process.**

**Trainers' time and energy is better spent imparting skills to students in their workshops.**

Meanwhile, institutions fill their cabinets with the never-ending paperwork of the student's **Portfolio of Evidence (POE)**, consuming significant storage space, resources, and administrative time.

## Our Solutions

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### Digital E-Portfolio

Comprehensive digital portfolio system for all institutions, eliminating paper-based POE and providing accessible, organized student records.

### **AI-Powered Document Generation**

Automatically generate and manage learning plans, session plans, assessment plans, and records of work with AI assistance.

### **Intelligent Exam Management**

AI-powered exam generation, question banking, automatic marking, and comprehensive assessment analytics at your fingertips.

### **Timetabling & Attendance**

Powerful timetabling system and student attendance management with real-time tracking and automated reporting.

## The Implementation Process

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Getting started with TVET LMS is simple and straightforward. Our team guides you every step of the way.

### Step 1: Reach Out to Us

Your institution's representative reaches out to us through any of our convenient channels. We're always ready to listen to your needs and discuss how TVET LMS can transform your institution.

**Contact us via:** Email ([tvetlms37@gmail.com](mailto:tvetlms37@gmail.com)), Phone (+254 729 987546 / +254 762303141), or Website ([www.tvetlms.xyz](http://www.tvetlms.xyz))

### Step 2: Personalized Consultation

Our expert team gets back to you with detailed implementation plans tailored to your institution's specific needs. We analyze your requirements, discuss features, and provide a

comprehensive implementation roadmap including timelines, costs, and expected outcomes.

**We discuss:** Your institution size, departments, current challenges, desired features, and training requirements.

### Step 3: Agreement & Initial Setup

With an agreement in place, our technical team proceeds to carry out the initial system setup. This includes configuring your institution's profile, setting up departments, levels, majors, and customizing the platform to match your workflow and branding.

**Setup includes:** Database configuration, user roles creation, curriculum structure, and system customization.

### Step 4: Comprehensive Training

Our experienced team conducts thorough on-site training for your trainers, administrators, and support staff. We ensure everyone is comfortable using the system and can leverage its full potential to enhance training delivery and administrative efficiency.

**Training covers:** AI document generation, exam creation, e-portfolio management, attendance tracking, and reporting features.

### Step 5: Go Live & Continuous Support

Your institution's trainers and students get full access to the system and can begin using all features immediately. We provide ongoing technical support, regular updates, and are always available to assist with any questions or challenges you may encounter.

📦 **You're all set!** Welcome to the future of TVET training.

## Our Journey

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TVET LMS started as a simple database for storing questions and exams. Over time, we noticed the struggles that trainers went through doing paperwork and filling documentation

as required by CBET. We also watched institutions fill their cabinets with the never-ending paperwork of the student's Portfolio of Evidence (POE).

This observation drove us to innovate. We have built and tested powerful algorithms to enhance these processes, leveraging the power of AI to create intelligent document generation algorithms and curriculum processing systems.

**Our mission is clear:** We are reducing the trainers' workload, cutting institutions' operational costs, and saving students' learning resources access.

We hope our technologies achieve our goal of **training, the smart way.**

## Meet Our Team

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### Lawrence Munyaka

*Co-Founder, Director*

Lawrence Munyaka is an experienced software engineer and trainer, having trained in several TVET institutions and universities. Over the years, he has overseen the development and implementation of multiple educational software and technologies including TVET LMS, FBAS (Fingerprint-Based Attendance System), TutorOnDemand and more.

His deep understanding of both technology and the educational landscape enables him to create solutions that truly address the needs of TVET institutions.

## Joel Gathu

*Co-Founder, Director*

Joel is a seasoned technical trainer and software engineer with years of experience in software development and training. His expertise spans multiple domains, having developed and deployed various educational and institutional systems.

His portfolio includes Library Management Systems, TVET LMS, DigitalCert and more, showcasing his commitment to creating technology that empowers educational institutions to operate more efficiently.