

## **INVENTION/INNOVATION**

### **ENGLISH ABSTRACT**

This video presents an innovation titled *A Smart Digital Student Clearance and Records Management System*. The innovation addresses the challenges of manual, paper-based clearance processes in higher learning institutions by proposing a centralized, secure, and automated digital platform. The system integrates all departments involved in student clearance, enhances transparency, improves efficiency, ensures data security, and provides real-time tracking and reporting. It aims to modernize institutional administration, reduce delays in graduation processes, and support sustainable and accountable records management.

### **KISWAHILI ABSTRACT**

Video hii inaelezea ubunifu unaoitwa *Mfumo Mahiri wa Kidijitali wa Uondoshaji wa Wanafunzi na Usimamizi wa Kumbukumbu*. Ubunifu huu unashughulikia changamoto za mifumo ya mkono na matumizi ya karatasi katika taratibu za uondoshaji wa wanafunzi kwa kupendekeza jukwaa la kidijitali lililo salama, la kati, na la kiotomatiki. Mfumo huu unaunganisha idara zote zinazohusika na uondoshaji wa wanafunzi, unaongeza uwazi, unaboresha ufanisi, unalinda usalama wa data, na huruhusu ufuatiliaji wa taarifa kwa wakati halisi. Unalenga kuboresha usimamizi wa taasisi, kupunguza ucheleweshaji wa mahafali, na kuimarisha uwajibikaji wa kumbukumbu.

### **INDIGENOUS LANGUAGE ABSTRACT (KIKUYU)**

Video ĩno nĩ ya kũthomithia ũbunifu witũrĩtwa *Ũtonga Mũhĩrĩga wa Dijitari wa Kũmenya Arutwo na Gũtũma Maũndũ Mao*. Ũbunifu ũyũ ũrathomithia thina iria itũmagĩrwo nĩ mĩtonga ya kũringa na mĩtonga ya makaratasi thĩinĩ wa kũmenya arutwo, na ũrehete ũtonga wa dijitari ũrĩa ũrĩ na ũhoru mũno, ũtũrũme, na ũmenyerere hamwe. Ũtonga ũyũ ũgũtũma mĩhĩrĩga yothe ya kũmenya arutwo ikorane hamwe, ũmenyerere wĩra, ũmenyerere ũhoru wa data, na ũtũmagĩrĩre ũhoru wa kũona ũhoru wa kũmenya arutwo rũciinĩ. Ũrĩ na mwanya wa gũthondeka wĩra wa ithandũkũra cia ithomo, gũthũngũra kũhũũrũka kwa mahafali, na kũmenyerera gũtũma maũndũ mao wega.