

## **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 unoaitwa *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 ufuatiliasi wa taarifa kwa wakati halisi. Unalenga kuboresha usimamizi wa taasisi, kupunguza ucheleweshaji wa mahafali, na kuimarisha uwajibikaji wa kumbukumbu.

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

Video ũno nĩ ya kũthomithia ũbunifu witûrîtwa *Ütonga Mûhîrîga wa Dijitari wa Kûmenya Arutwo na Gütüma Maündü Mao*. Übunifu ũyû ûrathomithia thina iria itûmagîrwo nĩ mîtonga ya kûringa na mîtonga ya makaratasi thînî wa kûmenya arutwo, na ûrehete ütonga wa dijitarî ūrîa ūrî na ūhoro mûno, ütûrûme, na ūmenyerere hamwe. Ütonga ũyû ügütüma mîhîrîga yothe ya kûmenya arutwo ikorane hamwe, ūmenyerere wîra, ūmenyerere ūhoro wa data, na ütûmagîrîre ūhoro wa kûona ūhoro wa kûmenya arutwo rûciinî. Ūrî na mwanya wa gûthondeka wîra wa ithandükûra cia ithomo, gûthûngûra kûhûrûka kwa mahafali, na kûmenyerera gûtûma maündü mao wega.