

CLOUD SCHOOL SYSTEM PROPOSAL

An all-in-one Online School Management Information System that manages all departments.

- *Administration*
- *Accounts*
- *Academics*
- *Library*
- *Stores*
- *Transport*
- *Bulk SMS & Emails*
- *Attendance e.t.c*

▶ Multi-Campus

▶ Multi-Curricula

▶ Portals

▶ Online & Mobile App



CLOUD SCHOOL
—System—

...run a smart institution

is a product by...



Growing your business through technology

Technical & Financial Proposal

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1.0 INTRODUCTION

Africa Cloud Space is pleased to introduce Cloud School System- an all-in-one Online School Management & Digital Learning Platform that automates all operations of a school. The Cloud School system is designed to be securely accessed from anywhere using any device and at any time.

Cloud School System helps in management and helps improve digital learning by bringing together teachers, parents & students; while creating a database of digital resources that students can access at any time.

This proposal introduces the system with its features, implementation strategy, and costs associated with implementation.

2.0 PROPOSED SYSTEM.

Cloud School manages all school departments ranging from- *records, accounts, finance, academics, transport, accommodation, stores, sports, digital learning*, among others.

It additionally comes with a teacher's portal, parent's & student's apps that allow them to access details like- *marks, fee balance, events, digital resources, diary*, among others, via mobile phones or computers from any location.

The Cloud School System is robust and developed with the latest web & mobile technology and aims to bring much-needed simplicity in the management of schools and improvement of digital learning.

Its multi-campus enabled & works with 8-4-4, CBC, British (IGCSE), and ACE Curriculum.

Emphasis has been given to *easy-to-use* interfaces & *high-grade security* on both data and system access.

We have partnered with renowned service providers who include Amazon Web Services (AWS), Microsoft Azure, and Ionos, to ensure that your data is secure and 99.99% guaranteed system uptime.

The system is ideal for primary schools/academies, secondary schools, and colleges.

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3.0 KEY MODULES AND FEATURES

3.1 Administration Module.

This section allows the school admin to:

- ✓ View & Register students with their bio-data
- ✓ View & Register staff
- ✓ View & Register classes
- ✓ Print class lists
- ✓ Manage student's admission
- ✓ Manage students' documents, among other features

3.2 Accounts & Finance Module

Manage students' fee collection, other incomes, and expenditures. The fee collection module can be integrated with Mpesa Paybill and Banks for automated posting of payments and automatic issuance of receipts to parents via email and SMS. Additional features include:

- ✓ Creation of fee structure.
- ✓ Batch invoicing of students
- ✓ Management of other Income, e.g., Grounds Hire
- ✓ Bank & Cash Management
- ✓ Expenses/Purchasing Management
- ✓ Journal entries
- ✓ Reports, e.g., General Ledgers, Trial Balance, Income Report & Balance Sheets

We offer integration of students' accounts to advanced online accounting systems like XERO or QuickBooks Online. The integration is majorly on fee invoices, fee payments, and purchase orders although the integration of Xero and Mpesa is free. The advanced accounting systems then take care of the rest like Generating reports, bank accounts & bank reconciliation, expense management, asset management, accounts payables, payroll, etc.

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3.3 Academics Module

Some of the features include:

- ✓ Manages Exams
- ✓ Subjects & Grading
- ✓ Lessons & Lessons Allocation
- ✓ Marks Entry
- ✓ Marksheet & Broadsheet Generation
- ✓ Termly Report Cards
- ✓ Strands & Sub-strands
- ✓ CBC Assessments
- ✓ CBC Reports
- ✓ Results Analysis
- ✓ Subject Comments
- ✓ General Comments
- ✓ Performance Analysis
- ✓ Teachers' portal
- ✓ Among other features

3.4 Student Behavioral Management

Student Behavioral Management is an essential requirement of the CBC curriculum & helps keep track of student's personal, social and emotional development. It also allows teachers to enter subject comments for each student. As such, it helps in tracking the progress of the student at a personal level.

The system also generates a report at the end of the term with the subject's comments & behavioral report. The system can understand the areas that students are strong in, hence advising parents & teachers accordingly.

3.5 Stores Manager

Keep track of what goes in and out of the store. Procurement & dispatch made easy. Store items can be managed, and the employees can raise indents whenever items are required.

3.6 Library Manager

The Library Management has everything you need to run a library efficiently, like books title, category, author, year of publication, etc. can be recorded and a bar code printed on the book with a serial number. The module is efficient as books issued; to be received and lost/damaged can be tracked, resulting in avoiding losses.

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[3.7 Communication \(Bulk SMS And Emails\)](#)

The institutions can send out targeted information to parents about school events, fee balances, among others. Communication can be done per class or to the whole school.

[3.8 Transport Management](#)

In this section, you create vehicles for transportation, add the name, vehicle code, a driver for the car, create routes and add stages for your routes.

We offer an advanced transportation system at the school's request that helps the parent keep track of the school bus and receive notifications when a child is dropped or picked.

[3.9 Accommodation and Boarding management.](#)

The system allows for the registration of students either as day scholars or boarders. This helps in specific invoicing, allocating students to different dorms, issuing items to the boarders only, and communicating to parents of children who are boarders.

[3.10 Digital Learning/Resources \(LMS\)](#)

Providing relevant digital content and e-learning to students is a must with the current changes in the world. The teachers control the digital learning module. And they can post the following:

1. **Assignments:** Lesson teachers can post home assignments where students access and respond via the parent's portal or student's portal.
2. **Video Lessons:** Teachers can post a lesson for a particular subject in a specific topic where students access from their portal.
3. **Quizzes:** Online tests with automatic marking that helps gauge student's ability to understand a particular topic.
4. **Digital Material:** Teachers can post digital resources like revision papers for access by students.

[3.11 Parents Portal & App](#)

Parents can access invoices, payments, statements, receipts, digital material, make payments via mobile money & bank, among other features.

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[3.12 Students Portal.](#)

Accelerate your student's performance using digital learning using video lessons, assignments, quizzes, and academic reports.

[3.13 Mpesa Paybill & Bank Integration](#)

The system automatically saves time for accountants by automatically posting payment whenever a payment is made and automatically issuing receipts via email or SMS. The best Mpesa Paybill integration is the one direct from Safaricom, and it allows for express checkout where the transaction is pushed to the parent's phone, and they are asked to enter a pin. We also integrate with banks with an open API. Currently, we support Co-operative Bank and Equity Bank. However, we can integrate with your bank of choice.

[3.14 Artificial Intelligence](#)

With time, the system can understand the areas that a student is strong in, hence advising parents & teachers accordingly. This is through the teachers' comments, students' comments, parents' comments, and overall performance analysis using machine learning tools.

[3.15 Backup, Security & Accessibility](#)

The database is automatically backed up to cloud servers. It's also distributed; hence access is from multiple cloud servers. We have partnered with Amazon, Ionos & Microsoft to provide the infrastructure. It's also accessible anywhere anytime using any device.

You can access the system demo by visiting www.cloudschool.co.ke.

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4.0 REQUIREMENTS

Cloud School system is cloud-based and can be accessed from any device as long as the user is connected to the internet. *NO LOCAL SERVER IS NEEDED.*

However, we recommend that schools invest in desktops or laptops for the significant users, i.e., the accounts and admin people. Also, it is vital to have good internet in the school to ensure the system works efficiently.

5.0 QUOTATION

5.1 Implementation Cost (one-time fee)

This cost caters for account creation, customizations, data importation, implementation, as well as initial user training, onboarding and support.

Full cloud school system

- Account creation
- Onboarding and user support
- Auto M-PESA integration and posting
- Data importation
- System implementation
- User training
- Basic customization
- Monitoring and evaluation
- Consultancy and advice on the best use case specific to your school in order to achieve maximum value

This fee is to be agreed after assessment

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5.2 Termly Subscription, Maintenance & Support Fee

Termly subscription for all modules, cloud hosting, support & updates is **KSH 100 per Student Per Term.**

5.3 Optional Charges/Extras

5.3.1 Advanced Transport System

We offer an advanced transportation system at the school's request that has:

- I. A parents' app,
- II. A minders'/drivers' app,

A real-time map for tracking the school bus's location, and give direction to specific homes in a particular route is the highlight. The app helps the drivers not get lost when they're new on a course and allows the parent keep track of the school bus and receive notifications when a child is dropped or picked. This is charged at Ksh. 300 per student per term for only students using transport.

PRODUCT/SERVICE	DESCRIPTION	Price (Ksh) (TAX incl.)	Interested (Yes/No)
Advanced Transport Module (Per student/per term)	Native Android Application for the parents and minders/drivers for real time tracking on picking and dropping of students to and from school	KES 250	
	TOTAL (Per Student on Transport)	KES 250	

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5.3.2 Other Services or Integrations fee

DESCRIPTION	Price (Ksh) (TAX Incl.)	Interested (Yes/No)
M-Pesa Integration for Auto posting of Fee Payment	KES 0/=	
Domain & Hosting (Annual Fee) www.yourschool-name.sc.ke domain registration 5GB Space, Unlimited Emails, Unlimited Databases	KES 5,000/=	
Integration with any bank with an open API (One -Time Fee). This integration is just on Income side i.e. a notification is sent to the system by the bank when a parent's pays fees to school's account.	TBD	
Custom system branding and portal access e.g. myportal.myschool.sc.ke	TBD	
Sender ID Registration (All networks) (Bulk SMS Rate of 0.9/- per SMS)	KES 15,000/=	
Sender ID Registration (Saf Only) (Bulk SMS Rate of 0.9/- per SMS)	KES 9,000/=	
Integration with an Accounting System e.g. Xero, QuickBooks	TBD	
Biometric Integration for Attendance	TBD	

Table 1: Other Integrations

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6.0 TERMS AND CONDITIONS

- 1) The fee above is exclusive of VAT
- 2) We require a 50% of the implementation costs as agreed deposit to commence the work and the 50% balance to be paid after training & implementation.
- 3) Subscription fee is payable within the first month of school's new term. It can also be paid annually at the beginning of the year.
- 4) Cheques are payable to Africa Cloud Space Ltd.

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7.0 PROPOSING ORGANIZATION

Africa Cloud Space is a global ICT company focused on delivering quality cloud-based & mobile ICT solutions to individuals, businesses, institutions, government, and industries. We provide a wide range of ICT services like software development, website development, cloud computing, mobile apps development, Bulk SMS & USSD, and ICT consultancy.

For the last nine years now, Africa Cloud Space has been working with over 200 schools to enable teachers, students, and parents' access interactive academic and administrative management solutions. We have a team of highly qualified and dedicated staff who are there to meet all your needs. We understand that successful implementation of software involves quality training, user support, and system updates to keep in touch with current technology and changing requirements. We're proud and passionate about our work, and we're ready to undertake this vital task.

HAPPY CLOUD SCHOOL SYSTEM CLIENTS

ACADEMIES / PRIMARY SCHOOLS	HIGH/SECONDARY SCHOOLS
Brookshine Schools -Kamulu	Lavington girls secondary school- Nairobi
King David School - Joska	Hotsprings girls high school – Mai Mahiu
Limo School-Eldoret	Moi forces academy – Nairobi
Kiota School – Nairobi	Ngenia high school – Limuru
Faith Ventures Christian Academy – Nairobi	Ruaraka high school – Nairobi
Garden Brook School- Nairobi	Rarakwa girls – Embu
Millbrook International School-Embu	Passenga secondary school – Nyandarua
Hilltop Preparatory School- Kitale	Maragua ridge secondary – Murang’a
Almasi school – Syokimau	Brookshine High School- Kamulu
Lilyanna preparatory- Kajiado	Bethlehem Senior School- Ruiru
Midland Preparatory - Machakos	

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Wisdom Towers Junior School – Ruiru	
Solomon School - Machakos	
Malindi Premier Academy - Kilifi	
St Mark Academy - Kajiado	
Timboni Sawasawa - Kilifi	
Silver Sands Academy - Mombasa	
Wisdom House Schools- Athi River, Machakos	
<i>Among other schools</i>	

OUR OTHER CLOUD SYSTEMS

- ✓ IkoMali Business Manager +Point of Sale (POS system) <https://ikomali.com/>
- ✓ Water Billing Management System
- ✓ Membership Management System
- ✓ Sacco Management System
- ✓ Church Management System
- ✓ Biometrics & Face Recognition Attendance System
- ✓ Human Resource Management System
- ✓ Project Management System
- ✓ Customers Management Information Systems.
- ✓ E-commerce sites development e.g <https://portalpharmacy.ke/>
- ✓ Mobile Apps for Mapping and information gathering.

SOME OF OUR OTHER CLIENTS INCLUDE:

- ✓ Architectural Association of Kenya (AAK) – Membership System
- ✓ ACMI – Donation System & HR Management System
- ✓ Optiven Limited – Water Billing System
- ✓ Institute of Surveyors of Kenya (ISK)- Learning Management System
- ✓ ILEG Kenya – HR & Project Management System
- ✓ Highchem East Africa Ltd – Mapping System
- ✓ Nomad Healthcare – Hospital System Among Others

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8.0 CONCLUSION

We value our clients, and we are dedicated to providing quality services and meeting users' growing needs. Working together, I believe we can implement this ideal school management system that is intuitive, secure, fast yet simple to navigate, professionally developed, and meets all your needs.

We look forward to a productive and fruitful partnership in your growth journey.

9.0 PROPOSAL ACCEPTANCE

Package Selected	Amount Agreed	Payment Agreement (Termly/Annually)	Other Services Interested In

The above prices, specifications & specifications are to my satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date of acceptance _____

Name _____

Signature _____

Contact us



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