COURT ROAD, BY A.A RANO
FILLING STATION, OFF KARU/JIKWOYI NYANYA
FCT ABUJA
Office Line: 09139941111, 09139951111
Info@towermasterco.com

SCHOOL MANAGEMENT SYSTEM PROPOSAL

PREPARED FOR

GLORY INTERNATIONAL SCHOOL KARU ABUJA FCT

By

TOWERMASTER COMPANY NIGERIA LIMITED

July 21st , 2022

We write to introduce our company TOWERMASTER COMPANY NIGERIA LIMITED to your esteemed organization.

Towermaster Company Nigeria Limited was registered with the Corporate Affairs Commission in 2016, with Designing, Building, Sales and Maintenance of Broadcasting and Telecommunications equipment as its major areas of business. Website/Software Development, Networking, Information Communication Technology (ICT), Real Estate, Civil Engineering, Electrical and Electronics, Data Centre Management, as well as Power/Renewable Energy and installation of CCTV. In addition, we are into general contracts such as supplies and logistics services.

Since the company commenced operations in 2016, we can pride ourselves for the services we have been rendering to our numerous customers across the country, both in the Public and Private Sectors. Our list of clienteles is provided in the attached company profile for your confirmation.

At Towermaster Company Nigeria Limited, we are well guided by our slogan of '***beating the best'*** in our chosen line of businesses. To achieve this therefore, we have assembled well qualified, competent, and experienced workforce that will not only help us to deliver on our promises and commitments but strive to surpass the expectations of our customers. Our Customer Service Team is very vibrant and responsive to customers' needs, both in technical support and after sales services.

We have attached herewith, a copy of our company's profile for your perusal, and hope that you will find in us a reliable, competent, and responsible company to patronize. It is our ardent promise that TOWERMASTER COMPANY NIGERIA LIMITED will not disappoint you.

We thank you, in anticipation of kind consideration.

Yours Faithfully,

UMAR ALIYU DANJUMA

Chairman

Proposed Project

Crude methods of processing data in most academic institutions in Nigeria today has been a major set-back to the industry. With the growing population of Students and Staff, the continuous upward trend of ICT technologies, the need to manage multiple resource digitally from a single central point, and the need to store and transfer more data in a cleaner and more effective way, The need for a better method of school management has become even more paramount. In a fast-changing world where trivial procedures are rapidly phasing off, your school deserve to have a new State-of-the-Art automated school management system capable of supporting its major processes like report card preparation, student and staff record management, SMS system, public notices, e-Library, attendance taking, financial and budget records and management etc. This project is targeted at deploying a website that is programmed with excellent record and identity management system that will be customized according to the school operational flow. It will automate every administrative process and provide a seamless management of school activities.

Due to the above needs, our software developers after a long period of brainstorming and development, have come up with an effective and efficient school management software. The system was designed to be security efficient, with every user given only as much privilege as required, to effectively manage school data without exposing any confidential information.

OVERVIEW

i. The school Management Software was designed to be easy to use and user friendly, and only basic computer knowledge is required to use the system seamlessly.

ii. The System was designed to cover to a large extent all the school activities so as to ensure all processes are managed from a single digital source.

iii. The school Management Software was designed to be highly scalable and its functionality can be expanded to suit any further requirement of the school. iv. The software was designed to not only be a management system, but also a learning system where the students can have access to many digital resource easily.

v. The system was designed to be very secure to avoid data manipulations from any form of user.

Effective School Management System Software (ESMS)

Running a school is a job that requires due diligence. Each year, the school has a fresh intake of students and corresponding out-take of graduating students every at the end of academic calendar. The school staff use to experience overload of constant in-flux and out-flux as both student and staff information must be preserved. Given the inherently large sector of a school system, from student management, academic management, school fees, school assets such as text books in the library and general laboratory equipment. Mere manual system of pen and paper is no longer effective and efficient.

The modules of the school management software are highlighted below.

HERE IS A LIST OF SCHOOL MANAGEMENT SYSTEM MODULES

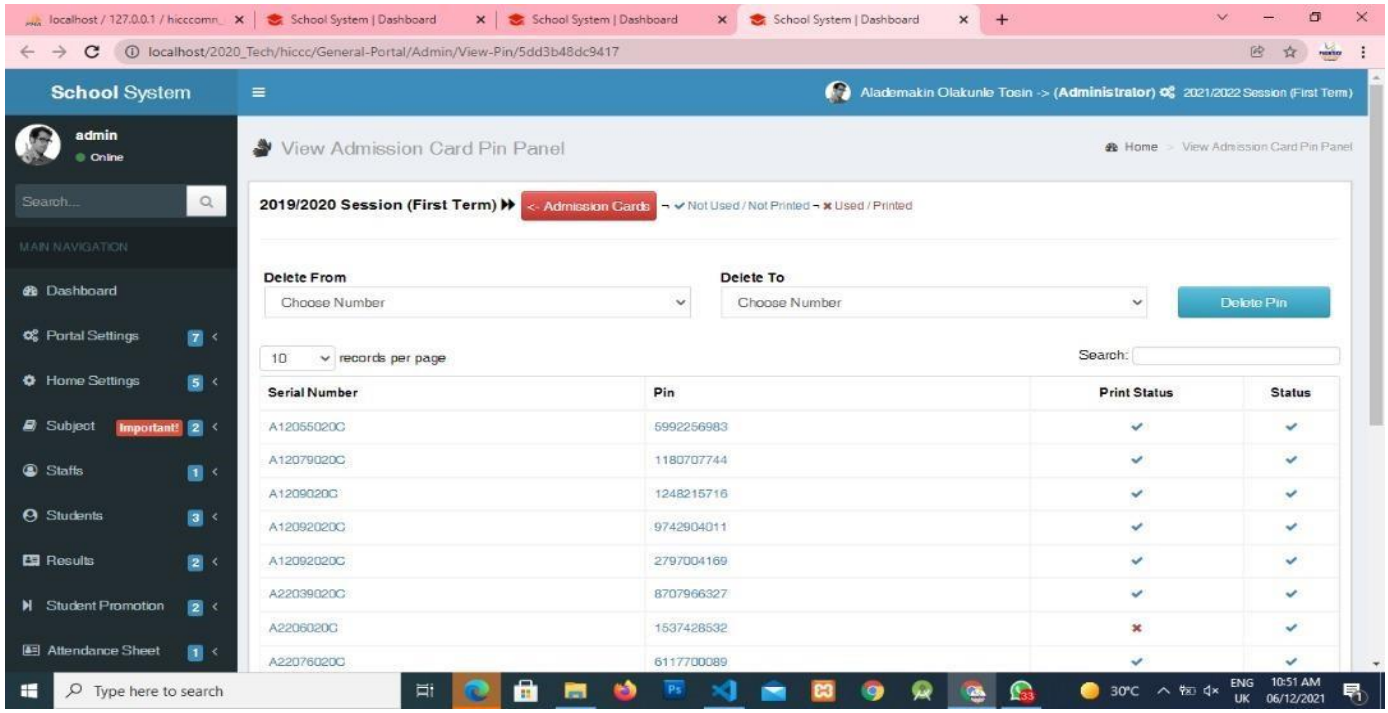
1. ADMISSION AND REGISTRATION MANAGEMENT MODULE

Admission season has long been characterized by parents and students running around from pillar to post, holding a stack/bunch of admission forms and supplementary documents and school admission teams scrambling to process huge volumes of applications and send out acceptance letters at record time.

The admission module takes the entire process online, enables online registration and remote submission of application forms and the required documents. It ensures a stress-free registration process.

Applicant dashboard can be created to view the applicant's profile, application progress can be tracked, with timely reminders being sent to complete their applications before deadline. It can also help students receive notifications about the outcome of their application and make payments online. This module creates a smooth, paperless, timesaving journey from application to enrollment for applicants and admission teams as well.

1. Online Admission Application and Registration
2. Assessment Examination Prior to Admission
3. Student Record and Academic Progression Management
4. Student ID card and registration slip management
5. Student Portal Account Detail Generation
6. Student Sponsor Record Storage and Tracking
7. Student Health, transportation and other Vital Record Tracking


School System
Alademakin Olakunle Tosin -> (Administrator) 2021/2022 Session (First Term)
admin
Online
Search...
MAIN NAVIGATION
Dashboard
Portal Settings
Home Settings
Subject
Staffs
Students
Results
Student Promotion
Attendance Sheet
View Admission Card Pin Panel
Home > View Admission Card Pin Panel
2019/2020 Session (First Term)
<- Admission Cards
Not Used / Not Printed
Used / Printed
Delete From
Choose Number
Delete To
Choose Number
Delete Pin
10 records per page
Search:
Serial Number
Pin
Print Status
Status
A12055020C 5992256983
A12079020C 1180707744
A1209020C 1248215716
A12092020C 9742904011
A12092020C 2797004169
A22039020C 8707966327
A22060200 1537428532
A22076020C 6117700089
Type here to search
30°C
ENG
UK
10:51 AM
06/12/2021

2. LEARNING MANAGEMENT MODULE

The learning management module takes care of the learning activities of the educational institution. It enables the creation of abundant learning content for various subjects and classes based on the semester or term. This module creates course notes and tests, class timetables, sets up automated online classrooms, thereby effectively organizing all aspects of the academic calendar.

1. Setup and registration of Subjects and Classes
2. Online Timetable, Lesson note and class reminders for both staff and student
3. Online Assignment for students in both objective and theory format
4. Digital resource for students based on their classes and subject
5. Online Classes and E-Resources
6. Online Test and Examinations and CBT Practice

3. RESULT MODULE

The result module automates the entire process of result compilation. It begins from the recording of the student's grade. Calculation of the student's performance and position is computed automatically. Once results are published, the Module generates Pins for each of the student or their parent to access their result on the school portal.

1. Result recording and automatic compilation
2. Result Sheet generation in PDF format
3. Result transcript generation
4. Termly and Annual Result Statistic and Performance graph
5. Archive of alumni student Result with Backup
6. Certification for school graduates

4. ATTENDANCE MODULE:

The Attendance module is designed for teachers to be able take attendance during class, and for students to be able to view their own attendance record.

A teacher can mark the attendance status of a student as "Present", "Absent", "Late", or "Excused". These status descriptions are configurable, and more can be added. The Attendance module can generate reports for either the entire class or for individual students.

The Attendance Module also checks students' attendance at the gate and automatically sends parent SMS or Email messages when their ward signs in or out of the school premises.

1. Daily Attendance of student with record of sign in and sign out time.
2. Daily Class attendance of each student
3. Subject, Club or Event bases Attendance
4. Student Attendance report and punctuality graph
5. SMS and Email notification of parent upon entry and exit of their wards
6. Qualification or disqualification of student from exams if they do not meet attendance requirements.

5. FINANCIAL MANAGEMENT MODULE

The finance module digitizes all financial activities of the school. This allows for the effective management of the school assets, processing of fee payments and receipts, loan payments, financial transactions, tuition waivers and payroll management.

The creation of financial statements, budgeting and other internal reports can be done remotely using a single system.

1. Creation and Confirmation of Fees
2. Generation of Fee Receipt after a two-way verification process
3. Online Payment of fee on secure payment Platforms
4. Creation of Fee Penalty or Discount for some set of students

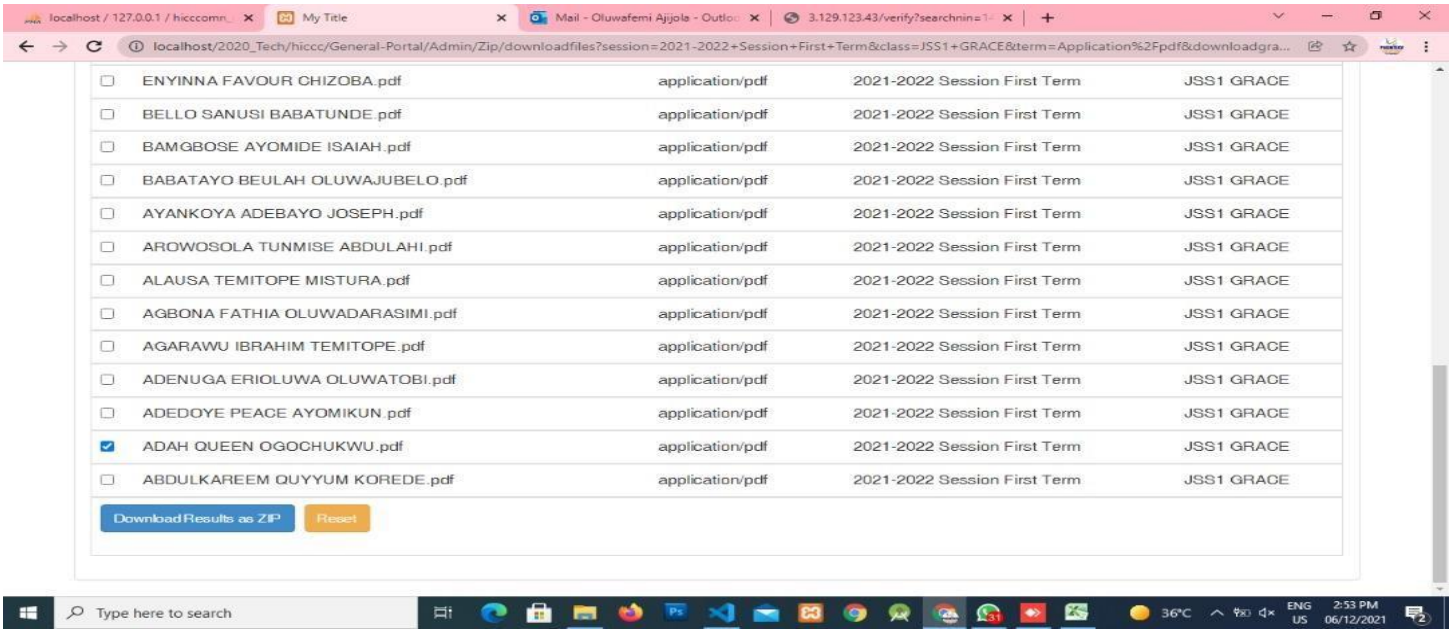
5. Debtors and Creditors List
6. Staff Salary management
7. Internal Expenses and Income management
8. Profit and Loss statements
9. Management Account, Journal Entry, Fixed Asset, Budget Register.

6. DIGITAL RESOURCE MANAGEMENT MODULE

The digital resource module automates the management of all the digital resources of the school in a secure library. This includes any number of E-books, PDFs, videos, audio files, magazines, newsletters, and photo albums. This allows students to access digital learning resources online based on availability and also creates a record of what material is borrowed and returned.

1. Upload and retrieval of digital files including videos, document and image. 2.

Sharing and tranfer of digital files



7. COMMUNICATION MODULE

Having a dedicated communication feature in your school management system can enable you to maintain personalized communication between teachers, administration and students. This feature helps set up a system that can handle multiple queries and feedback, direct them to the concerned department and send follow up messages and responses on time, reducing any delay in resolving enquiries or other issues. It can be used to send notifications and alerts regarding attendance, exam timetables, pending payments, assessment outcomes, holidays, school festivities and other important events.

1. Send SMS or Email Alert on any issue to parent or students
2. Customized Messages based on student Class, Club
3. Direct message from staff to staff

4. Automated Messages on the occurrence of some activities

8. INVENTORY MODULE

This module keep a track of the entire inventory of the school. Every incoming or outgoing property of the school is well documented so as to know at all point the worth and amount of the property owned by the school.

POINT OF CONTACT

Website: www.towermasterco.com email: inf@towermasterco.com

Contact Name	Contact Designation	Contact Details
Towermaster	**ICT Office**	**0913 994 1111**
Towermaster	**ICT Office**	**0913 995 1111**
General Manager		**0806 788 4502**

USER DEVELOPMENTAL IMPACT

All users will be required to participate in a series of training prior to access the system including basic computer appreciations, understanding the internet as well as the software.

SPECIFIC PERFORMANCE REQUIREMENT

i. Accuracy and Validity
ii. Timing -The system will employ numerous data quality and assurance The system will be available online 24 hours per day 365 days per year with exception of scheduled and pre-notified system maintenance downtimes

SYSTEM DESCRIPTION

The proposed system will consist of a web-based, centralized database for resource management and reporting

SYSTEM CUSTOMIZATION AND FLEXIBILITY

The system can be adjusted to fit the desired user at any given time

SECURITY OF THE SYSTEM

a. System security
b. User authentication
c. Virus protection
d. Firewall
e. Public access
f. Software application security

PROJECT COSTING

There are several payment options available for the installation of the school management software to your school. Sequel to our previous conversation, you stated you would prefer a one-time payment and full ownership of the software

After careful consideration, we came up with a price we deem fair enough for both parties. The payment option(s) is quite flexible, so please reach out to us and share your opinion so we can both happily reach a mutual agreement.

S/N	PROCESS	COST (N)
1	Server Setup and Hosting Cost	115,000
2	Software Development and Ownership	385,000
3	Maintenance Cost	Free
4	Staff Training	Free
	TOTAL	**500,000**
	SUBSEQUENT PAYMENT	
1	Server Setup and Hosting Cost	115,000
2	Maintenance Cost	35,000
3	**TOTAL**	**150,000**

CONCLUSION

Find this as a good innovation to your school and feel free to discuss with us at any level of our submission. The Project if carried out will in no doubt be of exceeding benefit to your school and raise it standard above close competitors.

Kindly reach out to us to further elucidate on the benefit of the Project and also bear in mind that our working principle is very flexible and can always be adjusted.

Thank You.