



# BUSINESS PROPOSAL

## SCHOOL MANAGEMENT SYSTEM

## Table of Contents

<b>INTRODUCTION .....</b>	<b>3</b>
<b>MISSION.....</b>	<b>4</b>
<b>THE VISION.....</b>	<b>5</b>
<b>PROBLEMS WITH THE EDUCATIONAL SYSTEM .....</b>	<b>6</b>
<b>SOLUTION AND BREAKDOWN .....</b>	<b>7</b>
<b>STUDENT/PARENT .....</b>	<b>7</b>
<b>TEACHER.....</b>	<b>8</b>
<b>ADMINISTRATOR .....</b>	<b>8</b>
<b>* More features will be added with future updates and based on school requirements .....</b>	<b>8</b>
<b>System Breakdown for the student .....</b>	<b>9</b>
<b>My Data:.....</b>	<b>9</b>
<b>Studies: .....</b>	<b>10</b>
<b>Subject: .....</b>	<b>10</b>
<b>Exams:.....</b>	<b>11</b>
<b>Finances: .....</b>	<b>11</b>
<b>System Breakdown for the teachers .....</b>	<b>13</b>
<b>My Data:.....</b>	<b>13</b>
<b>Studies: .....</b>	<b>14</b>
<b>Subject: .....</b>	<b>14</b>
<b>Exams:.....</b>	<b>15</b>
<b>WHY CHOOSE US?.....</b>	<b>16</b>
<b>IMPLEMENTATION.....</b>	<b>18</b>
<b>Payment Plan .....</b>	<b>19</b>
<b>Contact Information .....</b>	<b>20</b>

# INTRODUCTION

Technology is growing at a fast pace making all physical data being stored on the cloud for easier accessibility for all parties. With the current state of the world there has been an increase in the demand for online teaching and online data storage for better and faster access to school information.

School Management Systems plays an essential role in the current educational system. School authorities all over the world are engaged in a lot of day-to-day administrative and academic activities to manage and provide a better academic experience to students effectively. However, maintaining and keeping track of school administrative activities is not an easy process in the fast-growing world. It requires hard work and often it is time-consuming.

To better perform the school administrative activities of educational institute and to assure parents the real-time progress and security of their children, educational institutes utilizes School Management software nowadays. Such applications often offer many features that help to enhance the performance of schools with minimum efforts. School Management software does it by avoiding the manual paper works and automation of many academic and administrative activities.

## MISSION

- The main purpose of the project is to lead the educational system into the digital age where student information and results will be stored online in a database. Making it easier for the students, parents, and the teachers to be able to monitor the progress of a student in school at any given time and from anywhere they want.
- To deliver on time & qualitative services to customer and create a family of happy & satisfied customers with long lasting relationship.
- To develop innovative and environment friendly solution to save trees and energy.
- To support the Nigerian job market and local communities by creating job opportunities.

# THE VISION

- To provide our customers with the best expertise in web and ERP solutions for educational institutes and to act productively and efficiently with our user-friendly SMART e- solutions.
- To make a difference in the Nigeria educational system and help schools transition easily into the digital age.
- To provide proper documentation of records of past and present students thereby creating better future reference for the students.

# PROBLEMS WITH THE EDUCATIONAL SYSTEM

The growth of a child is the responsibility of the teacher and parent but if there is poor communication between both parties it will dent the progress of the child. The parent - teacher relationship in the educational system in Nigeria is at its lowest in recent years resulting in the poor performance of the average student. Parents are not always aware of the progress or the level of their children and this can lead to adverse situations in the future.

Presently, there is no online based management system to manage the day to day activities in most schools in Nigeria. These schools have to deal with cumbersome paperwork and manual processes making it difficult to maintain records on attendance, fees, admissions, transport, etc., and track the information they need. Even when the schools try as much as possible to make the data organized in such a perfect manner, accessing it is still a chore. Also, accidents like fire and loss of information due to theft or human errors are common in school affecting the credibility of the school and the information itself.

# SOLUTION AND BREAKDOWN

We propose the use of Utron school management system for your school which will help in the organization and storing of the student and teacher data for an agreed period.

## **Access to the platform:**

To access the Utron school management platform, each student and teacher will need a Utron code and password. As a default, the Utron code is made up of 8 letters and in some cases numbers but this can be increased or decreased depending on the requirements by the school. The Utron Code is unique and automatically generated by our system upon registration. The Utron code starts and ends with a letter. The Utron code is permanent and cannot be changed once created and associated with an account. After the creation of a student or teacher account, the password is automatically added for the account by combining the last name – in lowercase – and the last two digits of the year of birth. For example, if the student's last name is Ogechukwu and the date of birth is 25-01-2003, the password after the creation of the account will be 'ogechukwu03'. This password can be changed by the student on the Utron platform.

## **VIEWS**

We are going to briefly explore how the system works from three point of views.

- i. Students/Parents**
- ii. Teachers**
- iii. Administrator view.**

After the student/teacher's account has been created, they will be able to login to the Utron Dashboard. When inside the dashboard, they will be able to perform a lot of actions like:

### **STUDENT/PARENT**

- View Personal Information
- View and edit Contact Information
- View training data.
- View Timetable
- View, download and print Report Card
- Check grades for the term. This involves test and exam scores.
- Check payments due and make payments online via the Utron platform
- View download and print receipts for payments made.

- View list of textbooks needed for the current class
- Change Password
- View Academic Calendar
- View and submit assignments

## **TEACHER**

- View Personal Information
- View and edit Contact Information
- View teaching data. This includes classes and subjects taught when he/she joined the school etc.
- View Schedule as pertains to subjects and classes taught by the teacher.
- Add or Modify test and exam scores for students for classes and subjects taught by the teacher. Grade is automatically calculated and added.
- Change Password

## **ADMINISTRATOR**

This will require an admin account which will be created by us. This view will be managed by an administrator assigned to the school by us at no extra cost. The administrator will be able to perform many actions like:

- Add/Modify a Student Data
- Add/Modify a Teacher Data
- Add/Modify a payment plan
- Reset Passwords for Students/Teachers
- Add/Modify Timetable
- Add/Modify Academic Calendar

\* More features will be added with future updates and based on school requirements

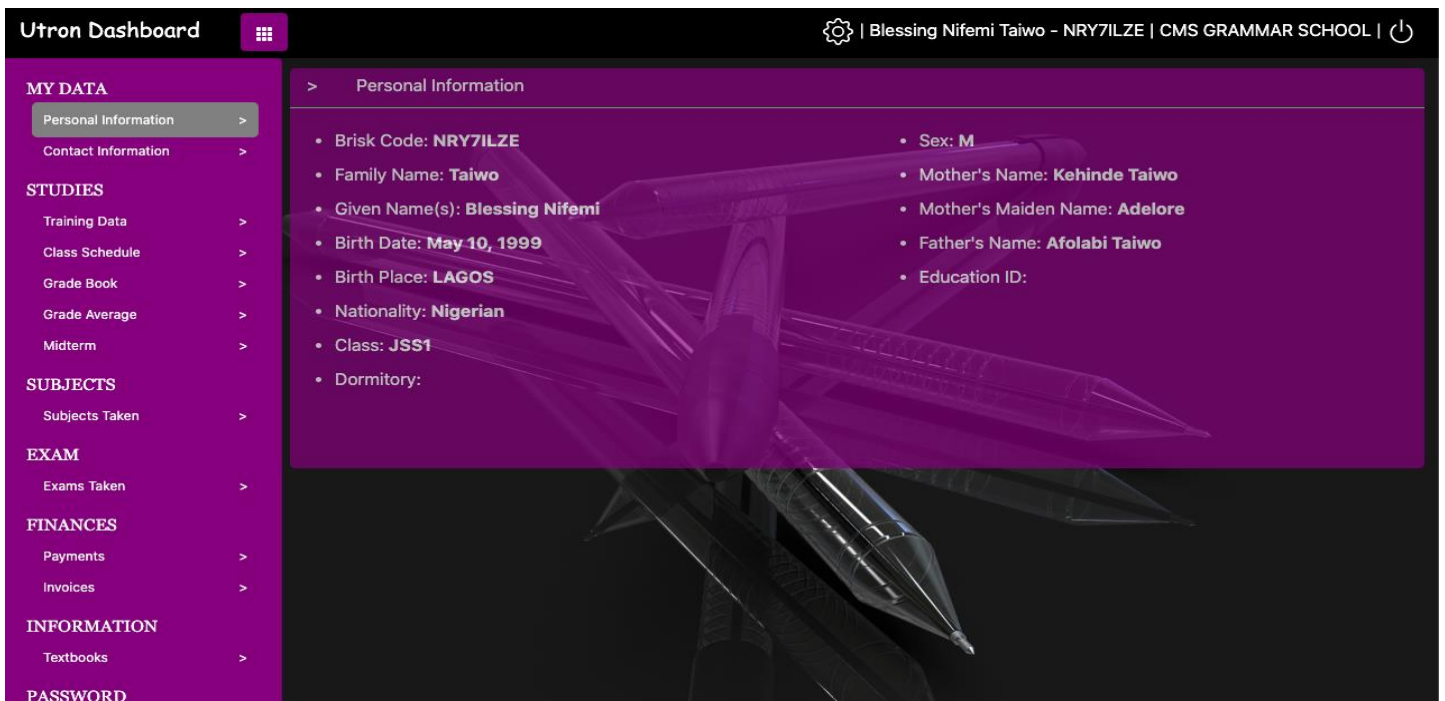


# System Breakdown for the student

- My Data
- Studies
- Subject
- Exams
- Finances
- Information

## My Data:

This section contains both the **personal** and **contact information** of the student.



The screenshot displays the 'Utron Dashboard' interface. The top navigation bar includes the dashboard title, a user profile icon, and the user's name 'Blessing Nifemi Taiwo - NRY7ILZE' along with the school name 'CMS GRAMMAR SCHOOL'. A sidebar menu on the left lists various sections: MY DATA (with sub-items Personal Information and Contact Information), STUDIES (with sub-items Training Data, Class Schedule, Grade Book, Grade Average, and Midterm), SUBJECTS (with sub-item Subjects Taken), EXAM (with sub-item Exams Taken), FINANCES (with sub-items Payments and Invoices), INFORMATION (with sub-item Textbooks), and PASSWORD. The main content area is titled 'Personal Information' and displays the following details:

- Brisk Code: **NRY7ILZE**
- Family Name: **Taiwo**
- Given Name(s): **Blessing Nifemi**
- Birth Date: **May 10, 1999**
- Birth Place: **LAGOS**
- Nationality: **Nigerian**
- Class: **JSS1**
- Dormitory:
- Sex: **M**
- Mother's Name: **Kehinde Taiwo**
- Mother's Maiden Name: **Adelore**
- Father's Name: **Afolabi Taiwo**
- Education ID:

## Studies:

This is the main section of the system. In this tab, you have the **Training Data** of the student which consists of information like date of admission and financial status. This section also has the **Class Schedule** of the student for that term, the **Grade Book** which is the combination of exams and test for each subject. Finally, we have the **Grade Average** which is the average of the total grade for each subject for all completed terms for the current session and the **Midterm** result.

The screenshot shows the 'Utron Dashboard' interface. The left sidebar contains a menu with categories: MY DATA (Personal Information, Contact Information), STUDIES (Training Data, Class Schedule, Grade Book, Grade Average, Midterm), SUBJECTS (Subjects Taken), EXAM (Exams Taken), FINANCES (Payments, Invoices), INFORMATION (Textbooks), and PASSWORD. The main content area is titled 'Training Data' and displays the following information:

- Date of Admission: **Sept. 3, 2020**
- Expected Graduation: **Jan. 31, 2022**
- Financial Status:
- No of Active terms: **0**
- No of Terms Remaining: **9**
- Organizational Unit: **CMS GRAMMAR SCHOOL**
- Registration Number: **CMD/002/LAG**
- Status: **ACTIVE**

## Subject:

In this section, the students/parents will be able to view a list of all **Subjects taken**.

The screenshot shows the 'Utron Dashboard' interface with the 'Subjects Taken' section selected. The left sidebar menu is the same as in the previous screenshot. The main content area is titled 'Subjects Taken' and displays the following information:

Class: **JSS1**

Subjects:

- YORUBA
- MATHEMATICS
- ENGLISH LANGUAGE
- BASIC SCIENCE
- SOCIAL STUDIES
- FINE ART
- AGRICULTURAL SCIENCE
- CIVIC EDUCATION
- CHRISTIAN RELIGIOUS STUDIES
- PHYSICAL AND HEALTH EDUCATION
- BUSINESS STUDIES
- FRENCH
- COMPUTER STUDIES
- HOME ECONOMICS
- MUSIC

A 'Print' button is located in the top right corner of the main content area.

## Exams:

In this section, we have the results for the **Exams Taken** by the student.

Utron Dashboard

MY DATA

Personal Information

Contact Information

STUDIES

Training Data

Class Schedule

Grade Book

Grade Average

Midterm

SUBJECTS

Subjects Taken

EXAM

Exams Taken

FINANCES

Payments

Invoices

INFORMATION

Textbooks

PASSWORD

Blessing Nifemi Taiwo - NRY7ILZE | CMS GRAMMAR SCHOOL

Exams Taken - Class: None Term: None

CLASS:  
Please Select!

TERM:  
Please Select!

Submit

Show 10 entries

Search:

Subject	Teacher	Exam Result
No data available in table		

Showing 0 to 0 of 0 entries

PreviousNext

Print

## Finances:

In this section, the parents will be able to see the breakdown and make **Payment** of the school fees and other bills like dormitory fees, interhouse sports fees, excursion etc. They will also be able to generate an **Invoice** in case of any documentation.

Utron Dashboard

MY DATA

Personal Information

Contact Information

STUDIES

Training Data

Class Schedule

Grade Book

Grade Average

Midterm

SUBJECTS

Subjects Taken

EXAM

Exams Taken

FINANCES

Payments

Invoices

INFORMATION

Textbooks

PASSWORD

Blessing Nifemi Taiwo - NRY7ILZE | CMS GRAMMAR SCHOOL

Payments

Show 10 entries

Search:

Name	Term	Amount(N)	Deadline	Payment Date	Status	Invoice Number	Breakdown	Payment Link
No data available in table								

Showing 0 to 0 of 0 entries

PreviousNext

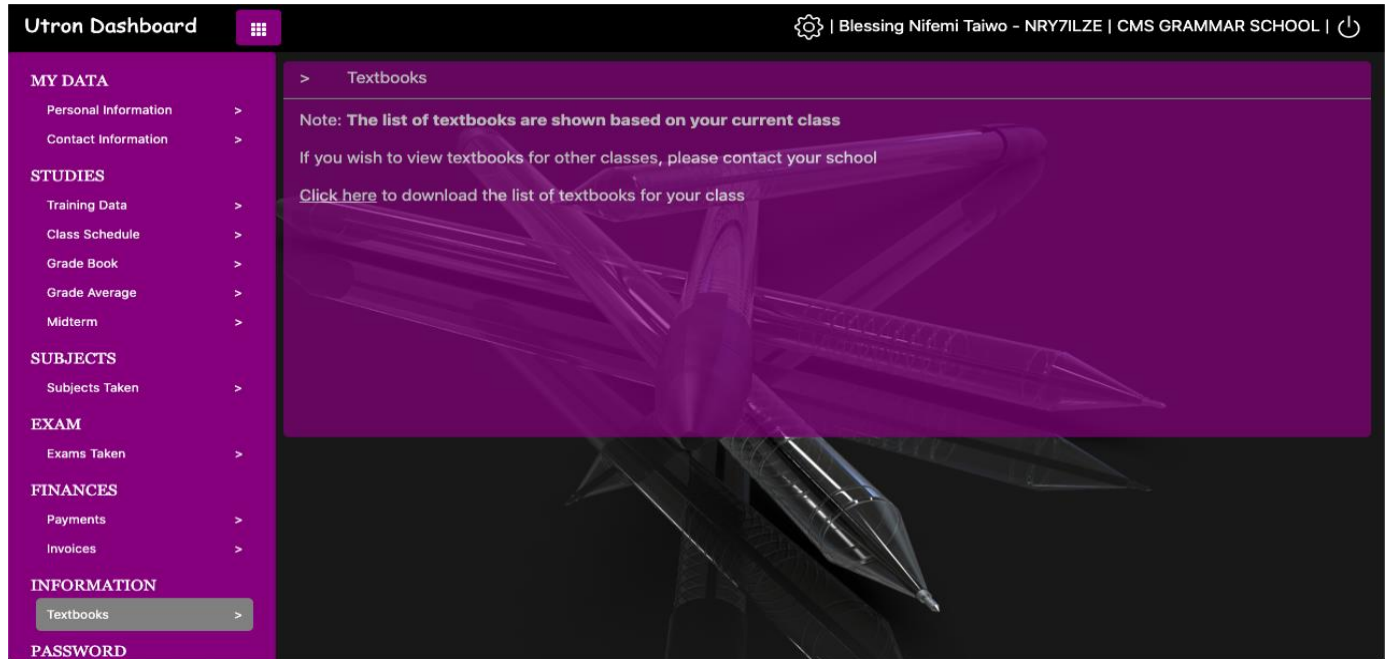
Note: **Online payment attracts extra charges.**

If you choose to pay by bank transfer or bank deposit, see below for our bank account details:

- BANK NAME: **FIRST BANK**
- ACCOUNT NAME: **CMS GRAMMAR SCHOOL**
- ACCOUNT NUMBER: **1029838192**

## Information:

In this section, the school will be able to upload the **Textbooks** for various classes so the students/parents can view and download them. This section along with other sections can be customized based on the requirements of the school.

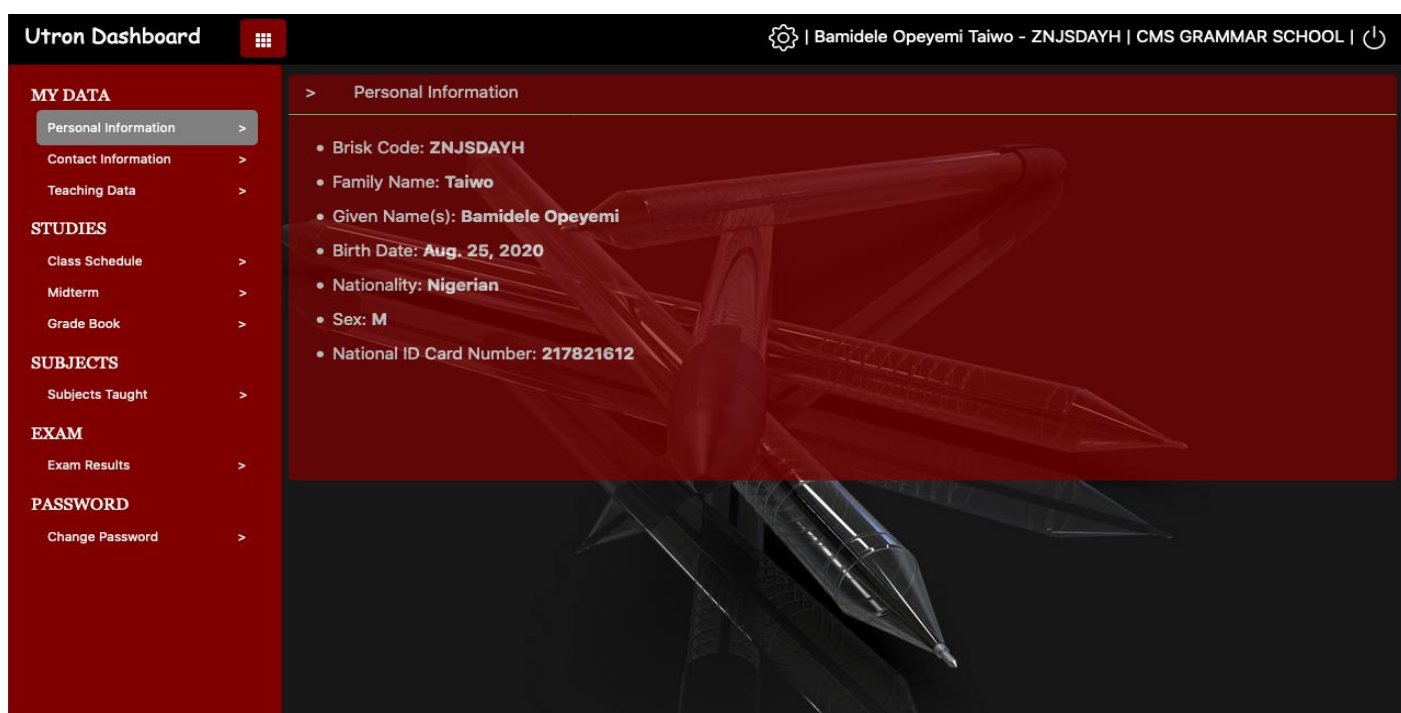


# System Breakdown for the teachers

- My Data
- Studies
- Subject
- Exams

## My Data:

In this section, we have the **Personal Information**, **Contact Information** and the **Teaching Data** of the teacher.





## Studies:

In this section, the teacher will have their **Schedule** for classes they teach displayed. The teacher will also be able to add and modify the **Midterm** result for their students and view the automatically calculated grade in the **Grade Book**.

The screenshot shows the 'Utron Dashboard' with a sidebar on the left containing sections: MY DATA (Personal Information, Contact Information, Teaching Data), STUDIES (Class Schedule, Midterm, Grade Book), SUBJECTS (Subjects Taught), EXAM (Exam Results), and PASSWORD (Change Password). The main content area is titled 'Class Schedule:' and features a table with the following data:

Day	Time	Class	Subject
Thursday	9 a.m.	SS1	MATHEMATICS
Monday	6 p.m.	SS1	MATHEMATICS

A 'Print' button is located in the top right corner of the table area.

## Subject:

This section has the list of **Subjects Taught** by the teacher and the corresponding classes.

The screenshot shows the 'Utron Dashboard' with the same sidebar as above. The main content area is titled 'Subjects Taught:' and includes a search bar, a 'Print' button, and a table with the following data:

Subject	Classes
MATHEMATICS	SS1, SS2, SS3
FURTHER MATHEMATICS	SS1, SS2, SS3
YORUBA	JSS1

Below the table, it says 'Showing 1 to 1 of 1 entries'. At the bottom right, there are 'Previous', '1', and 'Next' navigation buttons.

## Exams:

In this section, the teacher will be able check the list of students under his/her subject and class and also be able to add and modify the **Exam Results** of those students.

Utron Dashboard

MY DATA

Personal Information >

Contact Information >

Teaching Data >

STUDIES

Class Schedule >

Midterm >

Grade Book >

SUBJECTS

Subjects Taught >

EXAM

Exam Results >

PASSWORD

Change Password >

> Exam Results:

List of Students

Add Exam Result

Change Exam Result

Print

SUBJECT:

CLASS:

List Students

SUBJECT: None CLASS: None

Show 10 entries

Search:

Student	Exam
No data available in table	

Showing 0 to 0 of 0 entries

Previous

Next

15

# WHY CHOOSE US?

- **Easy Deployment:** No special equipment is required – all you need is a web browser and internet access.
- **Automation:** Utron removes the need for simple tasks like calculating grades and making a report card based on student's grades by automating it. This reduces the work load of teachers a great deal and removes any room for error.
- **Cloud based:** Utron is a cloud-based system which makes it possible to be hosted locally and accessed from anywhere in the world. With our system you are assured that your data is safely stored and free from accidents.
- **Security:** At Utron, Information security is our primary goal as schools hold arrays of sensitive personal information of both students and parents. All accounts are protected by a secure login. School data is backed up and archived off-site daily. Even if your PC fails or is stolen, all your data remains safe with Utron. And you can depend on our system, with 99.99% uptime.
- Utron helps in managing the day to day activities of students and teachers like recording attendance, displaying the timetable, recording test and exam scores etc.
- **User Friendly:** Our system is very user-friendly allowing for little or no time in getting used to navigating the Utron platform.
- **Fees Management:** Using our system, parents/students will be able to make payments and other bills to the school from the comfort of their homes. No need for unnecessary long queues at the bank.
- **Fast Information Retrieval:** With our system you will be able to retrieve information from the database anywhere and anytime you want from after the student is registered to fifteen years (dependent on the school) after the student left the school.
- **Improve Parental Oversight:** Our system helps parents keep in touch with the progress of their children. It removes the huge barrier between the two parties and helps them communicate effectively without having to step foot in the school.
- **Reduces paper cost:** Schools that still run on paper must file the report cards, print out numerous forms and so on. Paper is a major expense that most schools struggle with. With Utron you will be able to manage all data online. Thus, giving the school potential to save thousands of naira on paper alone and make them eco-friendly.



- **Reduces Employee Hours:** Automation reduces working hours for the teachers making the job more enjoyable for the teachers.
- **Support:** We'll train your staff and provide personalized, knowledgeable support year-round with same-day email response and helpful, dedicated phone support.

# IMPLEMENTATION

After the acceptance of Utron and signing of contracts, the following steps will have to take place:

- **Collection and Implementation of Custom Requirements:** As each school is different, we will have to sit down with you to get any custom requirement your school might require to be added onto the Utron Platform. The timeframe of this process is dependent on the requirements.
- **Data Collection:** This involves the collection and the verification of the data of all current students and teachers. This step will take one (1) month.
- **Data Migration:** This involves the transferring of the collected data from paper to the Utron database. This step will take two (2) months.
- **Launch and Data Verification:** After we have migrated all the current students and teacher's data, we will put the system online and then we will send all students/parents and teachers their Utron Code and the link to access the Utron Platform. They have to use this Utron Code alongside the default password to login to Utron and verify all the data inputted into the system so we can correct any mistake. This step will take one (1) month.
- **Training:** We offer a day training for the teachers on how to operate the system efficiently. This training will be for two hours and must be before the school resumes for the new session. A manual will be provided in pdf form alongside this training for both teachers and students.

# Payment Plan

We have two proposed payment plans which are:

## LIST VIEW

### **BASIC PLAN - ₦21,000 per student per session**

- Access to the Utron Platform
- Utron Administrator available at the school three times a week (4 hours/day)
- IT support available during business hours
- Scheduled maintenance at the end of every term

### **PREMIUM PLAN - ₦30,000 per student per session**

- **Includes all features from the basic plan including,**
- Creation and management of a website for the school in the absence of one
- IT support available 24 hours a day all year round
- Crash course for senior students in programming by industry experts - 20 hour per term
- Online Payment

## TABULAR VIEW

Features	<b>BASIC PLAN</b> ₦21,000 per student per session	<b>PREMIUM PLAN</b> ₦30,000 per student per session
Access to the Utron Platform	Yes	Yes
Number of Students & Staff	Maximum of 500 Students + 30 staff	Unlimited
Utron Administrator	Visits the school three times a week (4 hours/day)	Visits the school three times a week (4 hours/day)
Dedicated IT support	No	Yes
Scheduled maintenance	Yes	Yes
Crash Course in programming	No	Yes
Online Payment	No	Yes
Creation & Management of Website	No	Yes

**\* A discount of 20% is available if the school decides to pay for more than a year.**

# Contact Information

Nwaizugbe Chukwuemeka J.k  
Director Business Development  
+2349091744466

Taiwo Bamidele O.  
IT Director  
+36 20 384 3082

Ogbonna Fortune C.  
Managing Director  
+36202190746

Email: [utronsystems@gmail.com](mailto:utronsystems@gmail.com)