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# **DESIGN AND DEVELOPMENT OF STUDENT RESULT AND ONLINE MANAGEMENT SYSTEM [SRMS]**

**OCTOBER, 2018.**

## INTRODUCTION

Thank you for the opportunity to submit a proposal for the design and development of Student Result and Online Management System[SRMS]. Working together, I believe we can create a web application that is simple to navigate and have a professional, yet welcoming design for student user experience. Based on the scope of this project, we have identified and listed below the needs and solutions that we will want to provide for your school.

## STATEMENT OF PROBLEM

The issue of managing students' records can never be overemphasized. What happens when you urgently need to have a per seconds update on your school's/students' record without delay?, how possible and fast is it to have complete information of your students when you are out of school?, probably there is an emergency and you need to reach a parent or guardian. All these and many more are to be addressed by our solutions.

Information communication technology is vital in today's educational system with respect to examination results processing as well as student database management. This has become a very vital issue as school teachers spend too much time trying to record student results for each academic session/semester. This problem leads to time wasting, inaccuracy of results and even cases of missing results can be recorded thereby making examination processing more difficult and untimely.

## OUR SOLUTIONS

For the purpose of this project we have come up with an **Online Student Result and Management System. (SRMS)** that will provide a new web design presence aimed at tackling the above mentioned problems.

## WHAT IS SRMS ?

The Student Result Online Management System (SRMS) is an **online educational portal** designed for Nursery, Primary and Secondary schools that performs three basic functions.

- ✓ Comprehensive Online Database of all students.
- ✓ Student Result entry, Result checking and Printing from any location.
- ✓ Archive of student results from the lowest to the highest academic levels.

## FEATURES OF SRMS

- ✓ Registration of student personal details using a unique PIN with their registration no.
- ✓ Uploading Student passport
- ✓ Registration of parents/guardian details
- ✓ Printing acknowledgement slip
- ✓ Prepare and upload student result
- ✓ System automatically generate total score
- ✓ System automatically generate grades, remarks and average percentage
- ✓ Student can access and print terminal report sheet anywhere they are 24/7. using their PIN and registration number
- ✓ Archive of students result

## BENEFITS OF SRMS

- ✓ Parents have direct access to their ward's academic performance 24/7 from anywhere using their internet enabled PC, mobile phones etc.
- ✓ Teachers have more time to themselves to do other things order than spending days manually entering students' results into their result booklet.
- ✓ Online presence for the school, this serves as a way of advertizing the school. Prospective students can easily find more about the school's information online.
- ✓ SRMS can also be embedded into an already existing website if the school has one before.

## HOW DOES SRMS REALLY WORK?

Usually we are aware schools have record of all students on paper format in the school but for the sake of the **online database**, we shall arrange a new way to collect data from students in other for you to register them individually in the database.

Every student will need to have a unique **PIN** identifying him/her across the platform. Only with this PIN and their student registration number they can login and register on the school portal to register their individual profiles. This can either be done with a PC or Mobile device. The essence of this online database is to make the work easy when entering student's results.

The collection of student data on the registration portal shall include the following

- |                    |                                  |
|--------------------|----------------------------------|
| ✓ SURNAME          | ✓ PARENTS/GUARDIAN NAMES         |
| ✓ OTHER NAMES      | ✓ PARENTS/GUARDIAN PHONE NUMBERS |
| ✓ SEX              | ✓ PARENTS/GUARDIAN OCCUPATION    |
| ✓ DATE OF BIRTH    | ✓ NATIONALITY                    |
| ✓ GENOTYPE         |                                  |
| ✓ AGE              | ✓ PARENTS/GUARDIAN ADRESSS       |
| ✓ ACADEMIC SESSION | ✓ STUDENT PASSPORT               |
| ✓ CURRENT CLASS    |                                  |

## ONLINE REGISTRATION FORM: DEMO

**ALL FIELDS ARE MANDATORY**

<b>REGISTRATION NUMBER</b>	<b>ENTER PIN</b>
<input type="text" value="2014001"/>	<input type="text" value="336586688221"/>
<b>SURNAME</b>	<b>OTHER NAMES</b>
<input type="text" value="HARUNA"/>	<input type="text" value="JAFARU"/>
<b>SEX</b>	<b>DATE OF BIRTH</b>
<input type="text" value="MALE"/>	<input type="text" value="10 / 09 / 2018"/>
<b>GENOTYPE</b>	<b>AGE</b>
<input type="text" value="AA"/>	<input type="text" value="14"/>
<b>ACADEMIC SESSION</b>	<b>PARENT/GUARDIAN NAME</b>
<input type="text" value="2018/2019"/>	<input type="text" value="MR AND MRS ASIRUWA"/>
<b>PARENTS/GUARDIAN PHONE NO.</b>	<b>PARENTS/GUARDIAN OCCUPATION</b>
<input type="text" value="+122-7032473746"/>	<input type="text" value="BUSINESS TYCON"/>
<b>NATIONALITY</b>	<b>ENTRY CLASS</b>
<input type="text" value="NIGERIA"/>	<input type="text" value="JUNIOR HIGH SCH 1"/>
<b>PARENTS/GUARDIAN ADDRESS</b>	<b>OPTIONAL-UPLOAD PASSPORT (MAX SIZE:100KB, TYPE:jpeg/png)</b>
<input type="text" value="Benin Auchi Road, Ramat Park, Ikpoba Hill, Benin City, Edo State."/>	<input type="text" value="Browse... No file selected."/>
<input type="button" value="REGISTER"/>	<input type="button" value="RESET"/>
<input type="button" value="GO BACK"/>	

There is room for adjustment for schools to add other details which they feel are very necessary too. After completing the registration process an acknowledgment slip is printed out as a means of Identification. Any student without this slip may not be granted access to examinations and results entry.

If this slip is missing, it can always be viewed on the student profile by login in with their registration number and PIN.

## ACKNOWLEDGEMENT SLIP: DEMO

Registered on: Fri 26th Oct 2016



### E-REGISTRATION SLIP

## ELIXANDES ACADEMY

### BRITISH INTERNATIONAL STANDARD

6, Unity Street, off Upper Mission Road Extension, Uthah, Benin city.  
www.elixandesacademy.com  
TEL: 08051561885.

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ACCESS STATUS:	ONBOARDED	SURNAME	HARUNA
REG NO.:	336596688221	OTHER NAMES:	JAFARU
SESSION	2018/2019	SEX	MALE
CLASS	JUNIOR-HIGH-SCH1	PARENTS NO.	+122-7032473746



NOTE: This slip is your Acknowledgement slip. Please print out and keep safe. Any student or pupils without this slip would not be granted access to test, examinations and results. If missing please report to the school authority immediately or CALL: 08051561885.  
Thanks

[PRINT SLIP](#)

### NOTE:

1. For subsequent sessions, old students may not need to register all over again, all they need to do is update their profile by login in with a new PIN for the new academic session
2. The School administrator can have access to a broad sheet of all registered student by login in to the admin panel which is secured with a username and password, the features of the admin panel are as follows;
  - i. Overall view of all registered students according to their classes
  - ii. A complete database of all students registered on the platform irrespective of their classes.
  - iii. The admin can update, delete or add new students records
  - iv. The admin can enter, add, edit/update and delete student results.

## RESULT ENTRY

At the end of every term, teachers provide the Admin with the entire student result broadsheet.

The Admin inputs each student result into the student profile using the student's registration number found on the school's database.

The advantage of this method is that once the student registration number is entered, the system automatically fetches out the specific student's personal and academic details saving the Admin's time on entering those details again before filling the student's scores.

To completely fill a student result can take as little as 1 minute depending on the number of subjects the student offers. The system automatically generates *the total scores, grades, remarks of each subjects and the average percentage*.

## RESULT CHECKING AND PRINTING

The parents or students can check their result anywhere they are provided there is internet connection. The result can also be viewed on mobile phones as the portal is made to be very mobile friendly as it can fit into any mobile device.

### How to check Result?

1. Visit the school portal via the customize url e.g [www.yourschoolname.com](http://www.yourschoolname.com)
2. click on check result tab
3. Enter your PIN, registration number, academic session, class. Then you are good to go.

**NOTE:** Each Student registration number is tied to their PIN so no student can cheat by using another student's PIN.

## SAMPLE RESULT SHEET



# ELIXANDES ACADEMY

## BRITISH INTERNATIONAL STANDARD

### TERMLY ACADEMIC REPORT

NO. 6 UNITY STREET, OFF UPPER MISSION EXTENSION,  
BENIN CITY, EDO STATE.  
VISIT US @<http://www.elixandesacademy.com> CALL US @08051561885

ADMISSION NO.	2014092
SURNAME	OSI
OTHER NAME	OLAYEA
CLASS	JUNIOR-HIGH-SCH1
SESSION	2017/2018
TERM	THIRD

SEX	MALE
NO. IN CLASS	27
TOTAL NO.OF SUBJECTS	7
OVERALL TERM TOTAL	548 OUT OF 700
AVERAGE PERCENTAGE	78.29%
POSITION	

SUBJECTS	TEST (20)	ASSIGN (10)	PROJECT (10)	EXAM (60)	TOTAL (100)	GRADE	REMARK
RELIGION & NATIONAL VALUES	15	10	10	60	95	A1	EXCELLENTT
MATHEMATICS	12	5	10	30	57	C6	CREDIT
BASIC SCIENCE & TECHNOLOGY	10	10	10	60	90	A1	EXCELLENTT
ENGLISH LANGUAGE	12	10	10	45	77	B2	GOOD
LITERATURE IN ENGLISH	13	10	10	40	73	B2	GOOD
PREVOCATIONAL STUDIES	9	7	5	55	76	B2	GOOD
BUSINESS STUDY	10	10	10	50	80	A1	EXCELLENTT

NO. OF TIMES SCHOOL OPENED 112

NO. OF TIMES ABSENT 10

FORM TEACHER'S REPORT	GOOD RESULT
RECTOR'S COMMENT	PASSED, PROMOTED
NEXT TERM BEGINS	12TH OF OCTOBER, 2018
SPECIAL SKILLS/BEHAVIOUR	GOOD LISTENER AND VERY RESERVED
SIGNATURE	

13/07/2017

**NOTE:** The result will be customized using the school's *logo, name, address and contact*. If the school wishes, the results can all be pre-signed online to minimize the time spent signing each individual result.



The school is required to provide us the following

- ✓ School logo
- ✓ School name, address and mobile contacts.
- ✓ Preferred domain name. (E.g [www.myschool-results.com](http://www.myschool-results.com))
- ✓ Hard copies of Result booklets for different class categories with their respective subjects.

## SUBSCRIPTION/CHARGES

- **FIRST YEAR/ACADEMIC SESSION**

We charge a minimum fee of **₦700 (seven hundred Naira)** per student and we will provide each student with a customized **ACCESS CARD** to be supplied by us which is specially made for the school, containing a unique **PIN** to enable the student have access to the portal. It should be noted that the Access Card is valid for **one academic session only**. The **minimum** number of Access Cards that can be supplied for the first time to the school is **100. (One Hundred cards)**.

It should be noted that that the fee for the design set up, hosting and domain name purchase for the school's online portal is **entirely free** for the **first year only**. (i.e One Academic Session).

- **SUBSEQUENT YEAR/NEW ACADEMIC SESSION**

Just like in the previous year we charge a minimum fee of **₦700 (seven hundred Naira)** per student and we will provide each student with a customized **ACCESS CARD** to be supplied by us which is specially made for the school, containing a unique **PIN** to enable the student have access to the portal.

The school will be required to renew their subscription for the new academic session for a fee of **N50,000.(Fifty thousand naira)** .This fee covers for the following;

- ✓ Internet hosting plan renewal
- ✓ Domain name renewal
- ✓ Database management and maintenance services.
- ✓ Web Security and backups

We believe that the school have worked so hard and so they should get value for their money.

Interested schools will pay **50%** of the total agreed amount before commencement of the project. After the design and setup is done by us. (This will take at least 2weeks, depending on how fast we get necessary information from the school). We will test run the system for any errors and if everything works fine, the complete payment is made , before the school's portal can be hosted and made to go live on the internet.

Thank you very much for your time and consideration, we look forward to working with your school to achieve the desired goals.

**Use the link below to see a live demo.**

**<http://www.burujtech.com/srms>**

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### **CONTACT PERSONS**

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