



Prof. T.O. Omon Shopping Complex,
Beside Muyi Transport Service, Opp BEDC Office,
Benin Auchu Road, Ramat Park, Ikpoba Hill,
Benin City, Edo State.
08074535711,07056642288.

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

DATE: JULY, 2017.

INTRODUCTION

Thank you for the opportunity to submit a presentation for the design and development of Student Result and Online Management System. Working together, I believe we can create a dynamic website that is simple to navigate and have a professional, yet welcoming design for user experience. Based on the scope of this project, we have identified and listed below the needs and solutions that we will want to address in this project.

STATEMENT OF PROBLEM

Information database is vital in today's education with respect to examination result 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.

Also 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 not in school or out of town, 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.

SOLUTIONS

For the purpose of this project Burujtech has 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/ view/Printing from any location
- ✓ Archive of student results from the lowest to the highest academic levels.

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 booklets.
- ✓ Improved ICT awareness amongst students.
- ✓ School has full control over her portal; a reliable school staff to act as the admin is trained by BURUJTECH SOLUTIONS to handle data management on the school portal.
- ✓ Standard website for your school if the school don't have one already, with one year free hosting.
- ✓ Online presence for the school, this serves as a way of advertizing the school. Prospective students can easily find and apply to your school.
- ✓ The SRMS can be embedded into any existing school websites .All we require is a good relationship between us and your school webmaster.
- ✓ Your school is advertised nationwide via our website too at no cost.

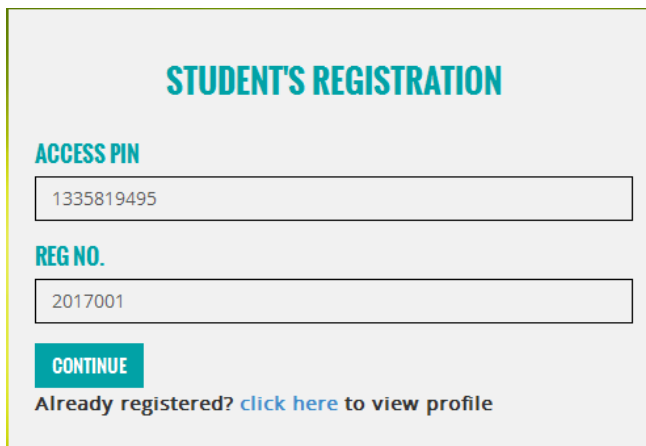
HOW IT WORKS

COMPREHENSIVE ONLINE DATABASE OF ALL STUDENTS

Usually, school has record of all students in the school but for the sake of the online database, we shall arrange a new way to collect data from your students in other for us to register them individually in the database.

Every student will need to have a unique PIN code 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 administer their individual profiles.

Any student whose data is not in the school database is seen as not being a bonafide student .



STUDENT'S REGISTRATION

ACCESS PIN

1335819495

REG NO.

2017001

CONTINUE

Already registered? [click here](#) to view profile

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

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

There is room for schools to add other details which they feel is very necessary too.

SAMPLE OF REGISTRATION FORM

ALL FIELDS ARE MANDATORY

<p>ACCESS PIN</p> <input type="text" value="1335819495"/>	<p>REGISTRATION NUMBER</p> <input type="text" value="2017001"/>
<p>SURNAME</p> <input type="text" value="BIODUN"/>	<p>OTHER NAMES</p> <input type="text" value="OLAYEA"/>
<p>SEX</p> <input type="text" value="MALE"/>	<p>DATE OF BIRTH</p> <input type="text" value="01/25/2015"/>
<p>GENOTYPE</p> <input type="text" value="AA"/>	<p>AGE</p> <input type="text" value="15"/>
<p>ACADEMIC SESSION</p> <input type="text" value="2017/2018"/>	<p>PARENT/GUARDIAN NAME</p> <input type="text" value="MR. PETUKOWA"/>
<p>PARENTS/GUARDIAN PHONE NO.</p> <input type="text" value="0804545466"/>	<p>PARENTS/GUARDIAN OCCUPATION</p> <input type="text" value="BUSINESS TYCOON"/>
<p>NATIONALITY</p> <input type="text" value="NIGERIA"/>	<p>ENTRY CLASS</p> <input type="text" value="BASIC 1"/>
<p>PARENTS/GUARDIAN ADDRESS</p> <input type="text" value="Benin Auchi Road, Ramat Park, Ikpoba Hill, Benin City, Edo State."/>	<p>UPLOAD PASSPORT (MAX SIZE:30KB, TYPE:jpeg/png)</p> <input type="text" value="Browse... omosigho_psprt.jpg"/>

After complete registration of each student an acknowledgment slip is printed out as a means of verification. Any student or pupils without this slip would not be granted access to test, examinations and results. If missing please it can always be viewed on the student profile by login in with their registration number.

SAMPLE OF ACKNOWLEDGEMENT SLIP



ELIXANDES ACADEMY
BRITISH INTERNATIONAL STANDARD

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

Registered on: Wed 12th Jul 2017

E-REGISTRATION SLIP

ELIXANDES ACADEMY

BRITISH INTERNATIONAL STANDARD

ACCES PIN:	1335819495	SURNAME	BIODUN	
REG NO.:	2017001	OTHER NAMES:	OLAYE	
SESSION	2017/2018	SEX	MALE	
CLASS	BASIC 1	PARENTS NO.	0804545466	
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				

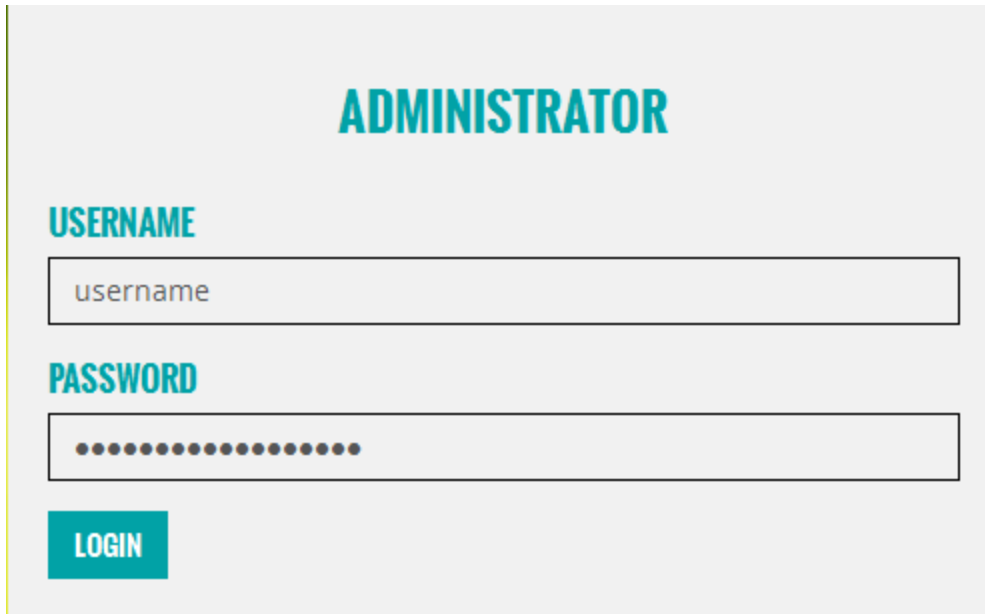
For subsequent sessions, old students may not need to register all over again, all they need to do is update their profile by login in with their new unique PIN for the new session and their registration number.

Every newly admitted student shall be made to pass through the complete registration process before admission is finalized.

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 and have different functions as follows;

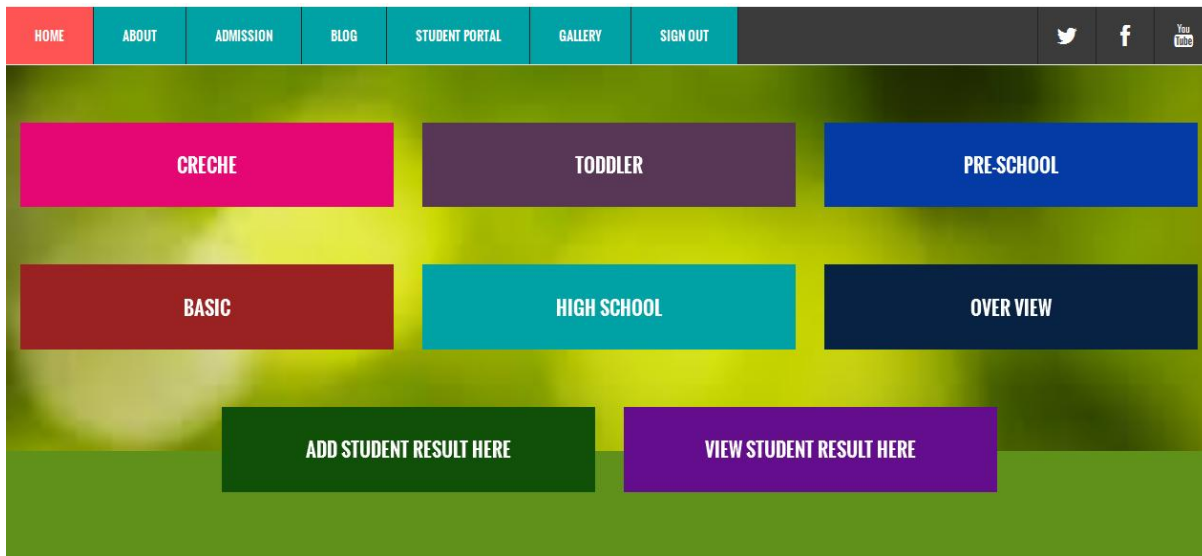
- Overall view of all registered students according to their classes
- A complete database of all students registered on the platform irrespective of their classes.
- The admin can update, delete or add new students.
- The admin can add, edit/update and delete student results.

SAMPLE OF ADMIN LOG IN PAGE



The image shows a login form for an administrator. At the top, the word "ADMINISTRATOR" is written in a large, bold, teal font. Below this, there are two labels: "USERNAME" and "PASSWORD", both in teal. Under "USERNAME" is a text input field containing the placeholder text "username". Under "PASSWORD" is a password input field represented by a series of black dots. At the bottom left of the form is a teal button with the word "LOGIN" in white capital letters.

ADMIN DASHBOARD



The image displays an admin dashboard with a green and yellow background. At the top, there is a navigation bar with several menu items: "HOME" (red), "ABOUT" (teal), "ADMISSION" (teal), "BLOG" (teal), "STUDENT PORTAL" (teal), "GALLERY" (teal), and "SIGN OUT" (teal). To the right of these items are social media icons for Twitter, Facebook, and YouTube. Below the navigation bar, there are six large, colorful buttons arranged in two rows. The first row contains "CRECHE" (pink), "TODDLER" (purple), and "PRE-SCHOOL" (blue). The second row contains "BASIC" (red), "HIGH SCHOOL" (teal), and "OVER VIEW" (dark blue). At the bottom of the dashboard, there are two more buttons: "ADD STUDENT RESULT HERE" (dark green) and "VIEW STUDENT RESULT HERE" (purple).

OVERALL VIEW OF STUDENTS RECORD

NO.	REG NO.	SURNAME	OTHER NAME	SEX	DATE OF BIRTH	GENOTYPE	AGE	SESSION	PARENT NAME	PARENT NO.	ENTRY CLASS	PARENT ADDRESS	DATE REGISTERED	QUICK LINK
1	2014002	HARUNA	DELIGHT	FEMALE	01/25/2015	AS	5	2017/2018	MR. PETUKOWA	080454546646	TODDLER	DEB	Wed 7th Jun 2017	DELETE
2	2014003	EDO-EMOVON	JAFARU	MALE	01/13/2009	AA	6	2017/2018	MR. PETUKOWA	0804545466	JUNIOR-HIGH-SCH3	LAGOS	Sun 11th Jun 2017	DELETE
3	2014005	HARUNA	PETER	MALE	2017-06-09	AA	6	2017/2018	LAFAGE	0809	JUNIOR-HIGH-SCH3	Ikoja	Thu 8th Jun 2017	DELETE
4	2014090	HARUN	OLAYEA	MALE	01/13/2009	AA	7	2017/2018	MR. PETUKOWA	080454546646	BASIC 5	BENIN	Thu 8th Jun 2017	DELETE
5	2014091	OSI	OLAYEA	FEMALE	01/13/2009	AA	6	2017/2018	MR. PETUKOWA	080454546646	TODDLER	benin	Sat 10th Jun 2017	DELETE
6	2014092	OSI	OLAYEA	MALE	01/13/2009	AA	3	2017/2018	MR. PETUKOWA	080454546646	JUNIOR-HIGH-SCH1	sbt	Sat 10th Jun 2017	DELETE
7	2017001	BIODUN	OLAYE	MALE	01/25/2015	AA	12	2017/2018	MR. PETU	0804545466	BASIC 1	Benin Auchi Road, Ramat Park, Ikpoba Hill, Benin City, Edo State.	Wed 12th Jul 2017	DELETE

TOTAL NO. OF STUDENTS ENROLLED:7

ACADEMIC RESULT ENTRY

At the end of every term, teachers provide the Portal 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. Any student who refuse to register on the school portal may not have result for that session until they register.

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 3mins 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.

STEP 1

ADD ANOTHER RESULT HERE		VIEW RESULT HERE	
ADMISSION NO.	2014092	PLEASE ENSURE TO VERIFY TOTAL NO. OF SUBJECTS	
SURNAME	OSI	SEX	MALE
OTHER NAME	OLAYEA	NO. IN CLASS	27
CLASS	JUNIOR-HIGH-SCH1	TOTAL NO. OF SUBJECTS	7
SESSION	2017/2018	POSITION	
TERM	FIRST TERM		

SUBJECTS	TEST(20)	ASSIGN(10)	PROJECT(10)	EXAM(60)
RELIGION & NATIONAL VALUES	15	10	10	60
MATHEMATICS	12	5	10	30
BASIC SCIENCE AND TECHNOLOGY	10	10	10	60
ENGLISH LANGUAGE	12	10	10	45
LITERATURE IN ENGLISH	13	10	10	40
PREVOCATIONA STUDIES	9	7	5	55
BUSINESS STUDIES	10	10	10	50

NO. OF TIMES SCHOOL OPENED 112

NO. OF TIMES ABSENT 10

FORM TEACHER'S COMMENT

RECTOR'S COMMENT

NEXT TERM BEGINS

SPECIAL SKILLS/BEHAVIOUR

UPLOAD RESULT

13/07/2017

THIS SECTION SHOULD BE FILLED AFTER VIEWING THE GENERATED TOTAL SCORE AND AVERAGE PERCENTAGE

STEP 2

After successful upload of scores, the Admin can query the database for that particular students to view the summary list.

ADD RESULT HERE

ACADEMIC SESSION: TERM: CLASS: **SEARCH NOW**

JUNIOR-HIGH-SCH12017/2018third

NO.	REG NO.	SURNAME	OTHER NAME	SEX	SESSION	TERM	CLASS	OVERALL TOTAL	OVERALL PERCENTAGE	VERDICT	POSITION	QUICK LINKS	QUICK LINKS
1	2014092	OSI	OLAYEA	MALE	2017/2018	third	JUNIOR-HIGH-SCH1	548	78.285714285714			EDIT	DELETE

Automatically generated

Click to update result here

Add verdict/remarks here

There is no need to panic when there is a mistake along the way, the admin can always update student results before it is published publicly online.

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

PLEASE ENSURE TO VERIFY TOTAL NO. OF SUBJECTS

PLEASE CHOOSE THE CORRECT TERM

SEX	MALE
NO. IN CLASS	27
TOTAL NO.OF SUBJECTS	7
POSITION	

SUBJECTS	TEST (20)	ASSIGN(10)	PROJECT(10)	EXAM(60)
RELIGION & NATIONAL VALUES	15	10	10	60
MATHEMATICS	12	5	10	30
BASIC SCIENCE & TECHNOLOGY	10	10	10	60
ENGLISH LANGUAGE	12	10	10	45
LITERATURE IN ENGLISH	13	10	10	40
PREVOCATIONAL STUDIES	9	7	5	55
BUSINESS STUDIES	10	10	10	50

NO. OF TIMES SCHOOL OPENED 112 NO. OF TIMES ABSENT 10

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

UPDATE RESULT

RESULT CHECKING AND PRINTING

A particular timeframe can be given to students between when they finished their exams and when to check their result online. This is to enable parents or students check their result anywhere they are provided there is internet connection.

The result can also be viewed on mobile phones as the school websites 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
2. click on check result tab
3. Enter your PIN, registration number, academic session, class.

Then you are good to go

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

RESULT CHECKER

CRECHE/TODDLER/PRE-SCH 1-3/BASIC 1-5

CHECK HIGH SCHOOL RESULT HERE

REG NO.
2014092

ACCESS PIN
1185357023

SESSION
2017/2018

CLASS
JUNIOR HIGH SCH 1

TERM
THIRD TERM

SUBMIT

See Full Result Sample



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

The result will be customized using the school's logo, name, address and contact. After printing the result, a copy is to be sent to the school for authentication and signatory. If the school wishes, the results can all be pre-signed online to minimize the time spent signing each individual result.

STUDENT RESULT ARCHIVE

- ✓ Every information keyed into the database via individual student profile stays there forever.
- ✓ An individual can ACCESS his/her BASIC 1 or JSS1 results years after graduation.
- ✓ This also serves for the school management as a repository for firsthand information whenever the need arises.
- ✓ Our online database is auto-backed up every day.

REQUIREMENTS FOR DESIGN AND SETUP

The school is required to provide the following

- School logo
- School name, address and mobile contacts.
- Preferred domain name. (E.g www.myschool-results.com)
- Result template for different class categories
- Some galleries(images)
- A description about your school-objectives, goals, Motto, services, amenities, awards etc.

SUBSCRIPTION

We will only charge a minimum fee of **₦650 (Six hundred and fifty Naira only)** per student and the school is at liberty to charge the students whatever amount they deem fit at the beginning of every session. The fee we charge is use to obtain a customized **ACCESS CARD** specially made for the school, containing their unique **PIN** to enable the student have access to the portal. It should be noted that the Access Card is only valid for one academic session. The **minimum** number of Access Cards that can be supplied for the first time to the school is **100. (One Hundred)**

Interested schools would be made to fill an application form before **50%** of the proceeds (**commitment fee**) shall be remitted to us latest 1 month after school resumption. After 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 and if everything works fine, the complete payment is made to us, before the website can be hosted and made to go live on the internet.

It should be noted that that the fee for the design set up, hosting and domain name purchase for the school website and portal is **ENTIRELY FREE** for the first year only. (i.e One Academic Session). In the subsequent years, the school will be required to renew their subscription for another academic session. The **renewal fee** is basically for renewing the internet hosting plan, domain name, online database management and maintenance.

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

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

RECENT WORKS

1. Elixandes Academy, British International Standard.
www.elixandesacademy.com
2. Institute of Classic Entrepreneurs.
www.classicentrepreneurs.com
3. College of Entrepreneurship and Small Business
www.cesbumedu.com
4. Shonitaxpress TV Productions
www.shonitaxpress.com
5. www.newnaijapost.com

For further information and enquiry
Visit us @ Prof. T.O. Omon Shopping Complex,
Beside Muyi Transport Service, Opp BEDC Office,
Benin Auchi Road, Ramat Park, Ikpoba Hill,
Benin City, Edo State.

Mobile: 07056642288, 08074535711.

Website: <http://www.burujtech.com>