ELCEN School Management System

ELCEN is a complete school management system that has all essentials needed for a school. It can work in a networked environment where it connects to all teachers and users within and also in a standalone computer. In a networked environment teachers can be able to mark exams online for their classes and then it will be possible to do electronic ranking for all students. This method ensures that the records are saved electronically for current referencing and future queries.

It is available for primary and secondary schools or a combination of both and currently has the following modules:

A) Register Master for Teachers and Students
- Personal Details
- Passport Photos
- Contacts and Relatives
- Discipline and Punishment Details
- Free lance notes that can be used for
  - End term comments for students
  - Academic qualification for teachers
  - Behaviour, Merits, Awards
  - General information that needs to be known
- Past students and teachers are archived and details can be viewed

B) Class Management
- Class Students List
- Daily Attendance
- Subjects & Exams
- Online Result Markings
  - Ranking by subject
  - Ranking all by class stream and class group
- Time Tables & Time Management
- SMS inquiries and Message Schedules to Teacher, Parents, Board etc

C) Fee Management
- Maintains Fee Structure By Class Groups
- Generates Due Fees & Balances
- Collecting Daily Fees
- Collect Fees by Batch Journals
- Fee Deposits from Banks
- Import Fees From Excel
- Fee Statements for Students

D) Library Management
- Maintain Library Item Details
- Lend and Receive Back
- Stock Library (Stationery can be Included)
- Issue stationery to Students
- Stock Taking
- Maintain Publisher and Author Lists
- Import Books, Acquisition and Stock Taking Sheets

E) Inventory Management
- Maintain Item Details
- Stocking & Replenishing
- Issuing Statutory Stationery to Students & Teachers
- Selling Snacks, Toiletries, Uniforms, Books and etc
- Stock Taking
- Asset Register
- Reporting

F) Ledger Accounting
- Ledger Journals & Transactions Entry
- Recurrent Transactions
- Import from Excel
- Account Reconciliation
- Asset Register
- Budgeting
- Ledger transactions are integrated with school fees

G) Reporting
Ledger Reports
- All standard Reports
- Income & Expenses Statement, Balance Sheets and Trial Balances
- Transaction Reports
- Many Others

School Reports
- Subjects & Exam Results
- End of Term Reports
- Class Room reports
- Library Reports
- Inventory Reports
- Student & Teacher Reports
- Many Others

Feel and Looks
User friendly:-
- Windows based with consistent interface throughout its modules.
- Common tasks are grouped by user menus.
- Can customize window screens and colours.
- Learn one window and know all approach.

Capacity: No limit to
- Number of Users, Students, Teachers or Staff Members
- Number of Classes Streams
- Number of Subjects or Exams
- Amount of Current and Historical Data.

Security:
- Database Passwords
- Passwords and Users Restricted to Grouped Roles
- Teachers Can be Restricted to Own Classes
- Access to Data and Windows restricted to Grouped Roles.

Some Sample Screens
Student Profile

Online Exam Marking

Student Number	Student name	Marks	%	Grade	Comments
2010/1	Chris Heinz	90.00	90.00	A	
2010/10	Christophe Christopher	91.00	91.00	A	
2010/11	Christopher Carmen	92.00	92.00	A	
2010/12	Christopher Obien	88.00	88.00	A	
2010/13	Chuck Julie	87.00	87.00	A	
2010/14	Chuck Mazur	75.00	75.00	A-	
2010/15	Cindy Gonzalez	74.00	74.00	B+	
2010/16	Cindy Herbert	65.00	65.00	B	
2010/17	Cindy Vega	77.00	77.00	A-	

Rapid online marking by typing on the worksheet and the grades and subject position is automatically shown.

Sample Report Form.
Various report cards are available and below is one of them with the school logo place.

Arrow Academy

REPORT FORM FOR TERM THREE YEAR 2012

Student: **Tangazo George Williams**	**FORM1A**
Parent: **Maureen Tangazo**	Admission No
House: **MIGINGO**	**2010/10**
Class Position: **14 Out of 24**	Next Term Opening:
Group Position: **14 Out of 99**	**08-Jan-2013**
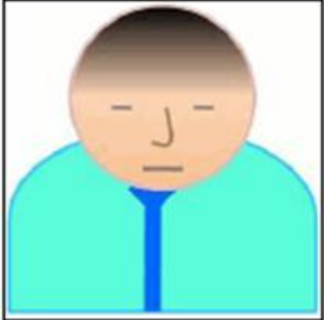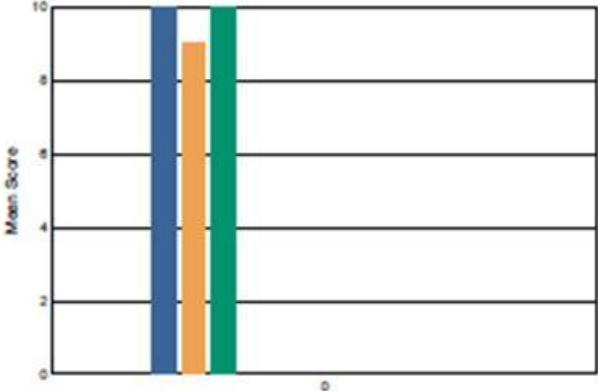
Subject Name	TERM 100%	GRADE	POS IN SUB	
Biology	84.0	A	5	Excellent and Superb
Chemistry	54.7	C	17	Fairly Average
Christian Education	70.3	B+	11	Very Good
English	58.3	C+	16	Satisfactory
Geography	63.3	B-	13	Fairly Good
Kiswahili	76.0	A-	10	Excellent
Mathematics	77.3	A-	10	Excellent
Physics	74.0	B+	11	Very Good
Social Studies	87.0	A	5	Excellent and Outstanding
TOTALS	**644.9**	**B+**		**Average Marks 71.7 %**

TREND ANALYSIS

	Form One			Form Two		
Term	I	II	III	I	II	III
Pos	3	14	14			
Out Of	99	99	99			
Grade	B+	B	B+			

	Form Three			Form Four		
Term	I	II	III	I	II	III
Pos						
Out Of						
Grade						

Graphical Analysis

CLASS TEACHER REMARKS

_____

_____

PRINCIPAL'S REMARK

_____

_____

Number of Days Absent:

Discipline Record:

Responsibility:

Games:

Clubs:

For the above reports the graphics, comments are done automatically. You can choose exams that are tallied at the end of the term and the report will calculate marks and positions based on those exams.

Another report form format:

Arrow Academy

REPORT FORM FOR TERM THREE YEAR 2013

Student Name:	ASHIBUOGWU FRED		Admission No.	2013/003
Class:	FORM1A		House Name:	
Class Position	2 Out of 41		Next Term Opening Date:	08/01/2014
Group Position:	2 Out of 163		KCPE 400 Position	23

Subject Name	CAT 1	CAT 2	CAT 3	TOTAL 100%	GRADE	POS IN SUB	REMARKS
Biology	90	74	75	79.7	A-	10	Excellent
Chemistry	74	74	84	77.3	A-	15	Excellent
Christian Education	92	85	85	87.3	A	6	Excellent and Outstanding
English	75	94	84	84.3	A	11	Excellent and Superb
Geography	74	70	70	71.3	B+	23	Very Good
Kiswahili	87	70	96	84.3	A	16	Excellent and Superb
Mathematics	79	75	95	83.0	A	11	Excellent and Superb
Physics	79	84	95	86.0	A	9	Excellent and Outstanding
TOTALS (Out of 800)	650	626	684	81.7	A		Points 82 Mean Score 11.6

TREND ANALYSIS

	Form One			Form Two		
Term	I	II	III	I	II	III
Pos	22	1	2			
Out Of	163	163	163			
Grade	C	E	A			

	Form Three			Form Four		
Term	I	II	III	I	II	III
Pos						
Out Of						
Grade						

Graphical Analysis

Form1(Term 1,2,3) to Form4 (Term 1,2,3) in Sequence

CLASS TEACHER REMARKS

PRINCIPAL'S REMARK

Parent/Guardian Sign: _____ Date _____

Other formats are available; however you are not restricted to them because you can have your own report form made in the way you want.

Fee Payment

Fees are defined for each class group. Payments can be by student or bulk worksheet journal that captures payments done through banks or M-PESA.

Each student's fee payment is tracked and outstanding balances reports can be produced.

Student Number	🔍	2012/24		Alex Forester	
Fee Account					
Document Number			Type		
Transaction Date		17/06/2012			
Fee Amount		0.00	⊙ Receive	○ Refund	
Description					

Fee account	Transaction date	Amount	Description
Tuition fees	21/04/2012	-16000.00	Tuition fees
Admission Fees	21/04/2012	-15000.00	Admission Fees
Activity Fees	21/04/2012	-2000.00	Activity Fees

Fee Receipt, after paying

Arrow Academy

Fee Receipt Number 24

Alex Forester [R/N: 2012/24]

Print Date: 17/06/2012

First Term - 2012

Box 4778899 - 0011000
Forest Road
Nairobi

Fee Account	Document		Amount	Narration
Tuition fees	24	RCP	16,000.00	
Activity Fees	24	RCP	2,000.00	
Admission Fees	24	RCP	15,000.00	
Total Fees Paid	21-April-2012		33,000.00	***

Time Tables

Time table making has been simplified with many on screen tricks. Once class time tables have been created, teacher's time tables are automatically created and each teacher can have his/her own time table. Teacher overloading reports are also available.

From Time	To Time	Monday	Tuesday	Wednesday	Thurday	Friday
FORM2Y						
08:00	08:40	CHEMISTRY	ENGLISH	MATHEMATICS	ENGLISH	AG/B/C/MUSIC
08:40	09:20	PHY/BIOLOGY	MATHEMATICS	CHEMISTRY	MATHEMATICS	CHEMISTRY
09:20	10:00	ENGLISH	PE	CHEMISTRY	CHEMISTRY	HIST/GEO
10:00	10:10		B R E A K			
10:10	10:50	KISWAHILI	KISWAHILI	AG/B/C/MUSIC	ENGLISH	MATHEMATICS
10:50	11:30	HIST/GEO	CRE	KISWAHILI	PHY/BIOLOGY	PE
11:30	11:50		B R E A K			
11:50	12:30	MATHEMATICS	PHY/BIOLOGY	HIST/GEO	CRE	KISWAHILI
12:30	13:10	ENGLISH	PHY/BIOLOGY	ENGLISH	MATHEMATICS	ENGLISH
13:10	14:00		L U N C H			
14:00	14:40	CRE	AG/B/C/MUSIC	PHY/BIOLOGY	KISWAHILI	KISWAHILI
14:40	15:20	MATHEMATICS	AG/B/C/MUSIC	CRE	HIST/GEO	LIFE_SKILLS

Teacher's Timetable

	Monday	Tuesday	Wednesday	Thursday	Friday
08:00 - 08:40	CHEMISTRY FORM3Y		MATHEMATICS FORM4X	CHEMISTRY FORM4Y	
08:40 - 09:20			CHEMISTRY FORM4Y		CHEMISTRY FORM3X
09:20 - 10:00	MATHEMATICS FORM4X	MATHEMATICS FORM4X	PE FORM3Z	LIFE_SKILLS FORM4Y	CHEMISTRY FORM3X
10:10 - 10:50	CHEMISTRY FORM3X		MATHEMATICS FORM4X	CHEMISTRY FORM3Y	
10:50 - 11:30		CHEMISTRY FORM2X	CHEMISTRY FORM2X	CHEMISTRY FORM3Y	
11:50 - 12:30		CHEMISTRY FORM4Y			CHEMISTRY FORM3Y
12:30 - 13:10	CHEMISTRY FORM1Y		CHEMISTRY FORM1Y	MATHEMATICS FORM4X	CHEMISTRY FORM1Y
14:00 - 14:40	CHEMISTRY FORM4Y	CHEMISTRY FORM3Y			
14:40 - 15:20	CHEMISTRY FORM4Y	MATHEMATICS FORM4X	CHEMISTRY FORM3X		MATHEMATICS FORM4X
Number of Sessions	33		Print Date:	5/1/2014	23:28:03

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