XMS

1 XMS

XMS is a modern database driven X (University/College/Institute /School) management software that is highly secure, scalable, flexible and robust. **XMS** is developed by codeeagles to being released out at a cost of 800,000/= but only supporting tuition /fees payments and results grading which are identified out has the core modules. Other modules like timetable, attendance, HR ,library etc can be developed when requested for at a cost of 150,000/= @.

2 WHY XMS?

There are a lot of decisions to be taken when grading students e.g. .is it an A or B, oba now which GP is this? What about GPA. This makes the process tedious, time consuming and error prone resulting into miscalculated grades and worsens with a large number of students.
For payments /fees, looking for old students receipt book or searching for the students' last payment, some administrators just end up asking the students how much they pay.

Even after storing the information ,its time consuming to search through box files, excel documents and word documents for the required set of information e.g. telephone numbers of all students who are offering a particular course unit ,total numbers of students in particular semester ,student's balance ,marks etc.

Using XMS makes it much easier and very accurate .you only have to enter course units and credit units of a particular course any time you enter marks the grade ,comments ,GPA, class of award decisions are automatically computed .

Courses have fees/tuition that has to be paid attached them but also fee discrimation can be done. Whenever receipts /payments are recorded, the remaining balance is computed while not forgetting and previous balance if any .student's financial statements and list of balance are automatically updated. Other fees like functional fees can also be added on a particular course, course unit, year, semester, campus, intake or / and all.
The information is available for printing, emailing or /and SMS.

3 THE CORE FEATURES OF XMS

- course /program management
- registration management
- fees /accounts management
- results management

4 THE CORE DEPARTMENTS SUPPORTED:

- registrar department
- accounts department

5 XMS CORE CAPABILITIES

5.1 Course/Program and Course Units

Courses/programs can be added into the system , every program /course has a course name, course code, course duration and tuition /fees paid for the course/program which can also be edited or deleted .The change in tuition does not affect the previous semesters. A course can only be deleted in case there is no student offering it .course can be attached to a course in   a particular semester and year of study .

Courses Offered

No	Code	Course Name	Tuition	Duration	Course Units	Credit Units	Total Students	Action
1	GRIM	CERTIFCATE IN GENERAL RECORDS INFORMATION MANAGEMENT	400,000	1	11	55	1	Edit | Delete
2	CAF	CERTIFICATE IN ACCOUNTING AND FINANCE	650,000	1	14	65	21	Edit | Delete
3	CALD	CERTIFICATE IN AGRICULTURE AND LAND DEVELOPMENT	400,000	1	12	60	2	Edit | Delete
4	CBA	CERTIFICATE IN BUSINESS ADMINISTRATION	450,000	1	12	59	20	Edit | Delete
5	CBC	CERTIFICATE IN BUSINESS COMPUTING	400,000	1	0		0	Edit | Delete
6	CCRM	CERTIFICATE IN COMPUTER REPAIR AND MAINTENANCE	400,000	1	12	48	1	Edit | Delete
54	DCRM	DIPLOMA IN COMPUTER REPAIR AND MAINTENANCE	400,000	2	19	95	1	Edit | Delete
55	DCS	DIPLOMA IN COMPUTER SCIENCE	400,000	2	20	79	24	Edit | Delete
56	DDS	DIPLOMA IN DEVELOPMENT STUDIES	400,000	2	0		2	Edit | Delete

Diploma in Accounting and Finance (DAF) COURSE UNITS

Year:One   Semester: One

DAF 1101	Financial Accounting	5 CU
DAF 1102	Business Economics	5 CU
DAF 1103	Fundamentals of Business Administration	5 CU
DAF 1104	Principles of I C T	5 CU

Year:One   Semester: Two

DAF 1201	Business Communication Skills	4 CU
DAF 1202	Business Law	5 CU
DAF 1203	Business Statistics	5 CU
DAF 1204	Principles of Management	5 CU
DAF 1205	Fundamentals of Human Resource Management	5 CU

Year:Two   Semester: One

DAF 2101	Marketing Fundamentals	5 CU
DAF 2102	Fundamentals of Entreprenuership	5 CU
DAF 2103	Research Methods	4 CU
DAF 2104	Financial Accounting Ii	5 CU
DAF 2105	Principles of Auditing	5 CU

Year:Two   Semester: Two

DAF 2201	Business Finance	5 CU
DAF 2202	Taxation	5 CU
DAF 2203	Cost Accounting	5 CU
DAF 2204	Business Computer Applications	5 CU
DAF 2205	Production Management	5 CU

5.2 Registering a student

The registrar can add students' information which includes that of the parents. National ID numbers can also be captured. Registration numbers for students are automatically generated using the pattern provided hence reducing memory load of remembering which number was assigned to the last student and figuring out which one is the next.

After registering a student, the admission letter is automatically generated and available for printing. A welcome message or/and email can also be sent to the student.

Student's information

Photo:
[Choose File] awate_rayile_tito.jpg

NIN:
National ID Number

Name:
Mayanja | Isma

Telephone number: | Email address:
 | xxx@gmail.com

Date of birth | Sex:
1994 ▼ | 10 ▼ | 10 ▼ | ⦿ Male   ○ Female

Country of permanent residence | Religious Affiliation (if any)
Uganda ▼ | Muslim ▼

Marital Status: | Old System Balance:
Single ▼ | 0

First Registration Date | Date of completion
2007 ▼ | 05 ▼ | 20 ▼ | 2017 ▼ | 12 ▼ | 01 ▼

School information

Campus | Level
Main campus ▼ | Diploma ▼

Course
Diploma in Computer Science - DCS ▼

Session | Intake | Year | Semester
Morning ▼ | Jan/Feb ▼ | Two ▼ | Two ▼

Registration Number | Tuition
DCS/16/MIBM/118/W | 150000

Tuition Bursaries/Sponsorship | Other charges
○ Half Sponsorship for Sem One | ☐ Admission fee (10,000)
○ Full Sponsorship for Sem One | ☐ Application fee (20,000)
○ Half Sponsorship | ☑ graduation fee (200,000)
○ Full Sponsorship | ☐ Guild fee (10,000)
○ None | ☐ ID fee (20,000)

Parents' information

Father
NIN
Surname
Othername
Telephone
Occupation

Mother
NIN
Surname
Othername
Telphone
Occupation

Guardian(if applicable)
NIN
Surname
Othername
Telephone
Occupation

After adding students, a search for a particular student can be made based on campus, year of study, semester, intake, course and session.

👤+ Add New Student

List of students

General search						
Search for: Campus	Year	Sem	Intake	Course	Session	
Main campus ▾	All ▾	All ▾	All ▾	All ▾	All ▾	Show

Search for a particular Student's name

🖶 Print

No	Student Name	Reg. Number	Sex	Telephone	Course	Level	Year	Semester	Session	A
					Students (573)					
1	ABALO CHRISTINE		M	0751083044	DJN	Diploma	Yr 1	Sem 1	Morning	Y
2	ABARIKURUNGI REGINA		F	0777332671	DBA	Certificate	Yr 1	Sem 1	Morning	Y
3	ABBO RITAH	DHTM/16/MIBM/156/M/M	F	0778755174	PGDHTM	Diploma	Yr 2	Sem 1	Morning	Y
4	ABDI RIZACK MOHAMED FARAH SULEIMAN		M	0791768369	DBA	Diploma	Yr 1	Sem 1	Evening	Y
5	ABDIDIZAK AU SAID MOHAMED		M	0703076004	DBA	Certificate	Yr 1	Sem 1	Morning	Y
6	ABDIFITAH HASSAN FARAH		M	0791768524	DBA	Certificate	Yr 1	Sem 1	Morning	Y
7	ABDIHAKIM MOHAMED JAMA		M	0794593549	DBA	Diploma	Yr 1	Sem 1	Morning	Y
8	ABDIKADIR OSMAN YUSUF		M	0794851254	DBA	Diploma	Yr 1	Sem 1	Morning	Y
9	ABDIKADIR OSMAN YUSUF		M	0794851254	DBA	Diploma	Yr 1	Sem 1	Morning	Y
10	ABDIKARIM MOHAMUD	DCS/17/MIBM/406/M/M	M	0794318741	DCS	Diploma	Yr 1	Sem 1	Morning	Y
11	ABDIRAHIMAN MOHAMED		M	0793003266	CJN	Certificate	Yr 1	Sem 1	Evening	Y

5.3 Payments /receipts and balance

The accountant/bursar can add student's payments or receipts.

Receipts of a particular period i.e. day, days, week, month or years can be printed out if required. They also include the total amount collected in that period and the mode of payment.

Students receipts

General search		
Select date: From	To	
11/07/2017	11/08/2017	Show

Search for a particular student's receipts

🖶 Print Receipts

STUDENTS' RECEIPTS FROM 07th Nov 2017 TO 08th Nov 2017

No.	Date	Name	Course	Year	Semester	Paid	Receipt Number	Mode of Payment
1	07th Nov 2017	GATIEK PETER TURUK	DCS	Yr 1	Sem 2	250,000	TUTION	BANK
2	08th Nov 2017	NAMAALWA RASHIAH	DHTM	Yr 1	Sem 2	100,000	TUTION	BANK
					Total:	350,000		

Current semester and all previous semester can be generated based on the year of study semester and course. Students can receive reminders via emails and SMS. Sending SMS requires internet and a prepared charge of 40/= from the system. Email sending only requires internet.

General search

Search for: Year [Two ▾] Sem [Two ▾] Course [DGD ▾] [Show]

[Search for a particular student]   🖶 Print   📞 SMS Balance Reminders   ✉ Mail Balance Reminders

Students' Balance

No	Name	Telephone	Course	Year	Sem	Tuition Agreed	Previous Balance	Current Balance	Total Balance
1	BIRUNGI TEOPISTA		DGD	Yr 2	Sem 2	250,000	0	450,000	450,000
2	BISASO WILLIAM		DGD	Yr 2	Sem 2	150,000	0	200,000	200,000
3	KIKABI JOSHUA		DGD	Yr 2	Sem 2	150,000	0	200,000	200,000
					Total:		0	850,000	850,000

Generated on: 30th Dec 2017

5.4 Financial Statement

Financial statements are generated reflecting all the receipts for a particular student and also their balance per semester. Any balance of the previous semester is carried on to the next semester as balance carried forward

FINANCIAL STATEMENT

Name: Gai Samuel Tang Riak   **Gender:** Female   **Intake:** Jan/Feb
Program: Diploma in Public Health   **Year:** One **Semester:** One **Date of Birth:** 0000-00-00
Reg. No.:   **Sponsorship Type:**   **Country:** South Sudan

Year: One   Semester: One

B/F:	0	21st May 2007	800,000
Tuition:	250,000	Total Paid:	800,000
Admission fee	10,000	Balance:	-490,000
Application fee	20,000		
Guild fee	10,000		
ID fee	20,000		
Total to pay:	310,000		

TOTAL BALANCE: -490,000

Generated on: 30th Dec 2017

5.5 Students Marks /Results

Marks can also be added depending on the assessments done e.g. course work, test and final exam. Results are generated in different categories: per student and individual statement of results with comments like missed all ,missed course work ,test, exam, retake, copied, normal pass, probation, fair, good etc.

STATEMENT OF RESULTS

Name: Jal Micheal **Gender:** Female

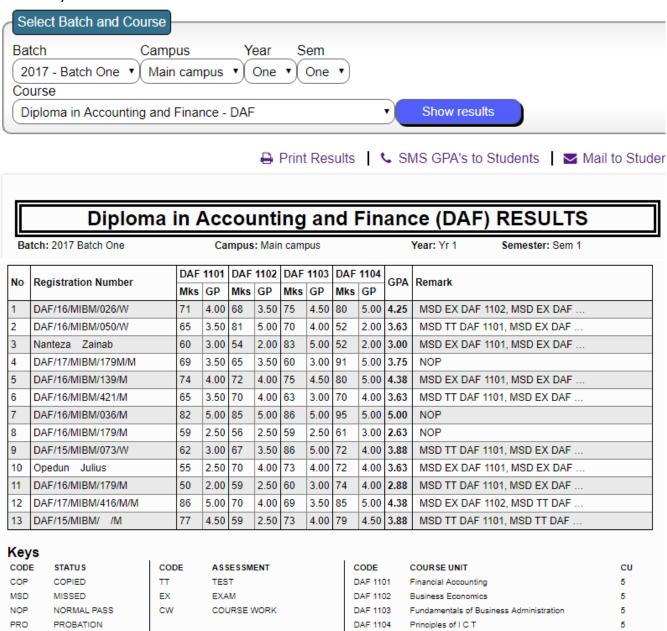**Program:** Diploma in Accounting and Finance **Year:** Two **Date of Birth:** 0000-00-00

Reg. No.: DAF/17/MIBM/179M/M **Intake:** Jan/Feb **Country:** Sudan

Year: One   Semester: One

Code	Course Unit	Score	Grade	GP	CU	Remark
DAF 1101	Financial Accounting	69	B-	3.50	5	Good
DAF 1102	Business Economics	65	B-	3.50	5	Good
DAF 1103	Fundamentals of Business Administration	60	C+	3.00	5	Fairy Good
DAF 1104	Principles of I C T	91	A	5.00	5	Out Standing

GPA: 3.75   CGPA: 3.75

Year: One   Semester: Two

Code	Course Unit	Score	Grade	GP	CU	Remark
DAF 1201	Business Communication Skills	59	C	2.50	4	Fair
DAF 1202	Business Law	79	B+	4.50	5	Excellent
DAF 1203	Business Statistics	78	B+	4.50	5	Excellent
DAF 1204	Principles of Management	70	B	4.00	5	Very Good
DAF 1205	Fundamentals of Human Resource Management	67	B-	3.50	5	Good

GPA: 3.85   CGPA: 3.81

Year: Two   Semester: One

Code	Course Unit	Score	Grade	GP	CU	Remark
DAF 2101	Marketing Fundamentals	60	C+	3.00	5	Fairy Good
DAF 2102	Fundamentals of Entreprenuership	75	B+	4.50	5	Excellent
DAF 2103	Research Methods	76	B+	4.50	4	Excellent
DAF 2104	Financial Accounting Ii	51	C-	2.00	5	MSD EX
DAF 2105	Principles of Auditing	61	C+	3.00	5	Fairy Good

GPA: 3.35   CGPA: 3.65

Year: Two   Semester: Two

Code	Course Unit	Score	Grade	GP	CU	Remark
DAF 2201	Business Finance	76	B+	4.50	5	Excellent
DAF 2202	Taxation	69	B-	3.50	5	MSD EX
DAF 2203	Cost Accounting	77	B+	4.50	5	Excellent
DAF 2204	Business Computer Applications	70	B	4.00	5	MSD TT, MSD EX
DAF 2205	Production Management	61	C+	3.00	5	MSD EX
DAF 2206	Internship Report	0	F	0.00	5	MSD ALL
DAF 2207	Research Project	0	F	0.00	5	MSD ALL

GPA: 2.79   CGPA: 3.35

Miniumum Graduation Load (CUs): 108
Total Credit Units: 103
Class of Award: SECOND CLASS (LOWER)

This is a statement of results as at 30th Dec 2017 and is VALID with a STAMP for EXTERNAL USE. Any aleration of this document makes it INVALID

After a particular semester, students can be promoted to another semester by clicking on the promote button. All students who are completing their courses are sent to the graduation list.

Click promote button to promote students

[Promote]

Results by course

Select Batch and Course

Batch	Campus	Year	Sem
2017 - Batch One ▾	Main campus ▾	One ▾	One ▾

Course

| Diploma in Accounting and Finance - DAF ▾ | Show results |

🖶 Print Results | 📞 SMS GPA's to Students | ✉ Mail to Studer

Diploma in Accounting and Finance (DAF) RESULTS

Batch: 2017 Batch One   Campus: Main campus   Year: Yr 1   Semester: Sem 1

No	Registration Number	DAF 1101 Mks	DAF 1101 GP	DAF 1102 Mks	DAF 1102 GP	DAF 1103 Mks	DAF 1103 GP	DAF 1104 Mks	DAF 1104 GP	GPA	Remark
1	DAF/16/MIBM/026/W	71	4.00	68	3.50	75	4.50	80	5.00	4.25	MSD EX DAF 1102, MSD EX DAF …
2	DAF/16/MIBM/050/W	65	3.50	81	5.00	70	4.00	52	2.00	3.63	MSD TT DAF 1101, MSD EX DAF …
3	Nanteza Zainab	60	3.00	54	2.00	83	5.00	52	2.00	3.00	MSD EX DAF 1101, MSD EX DAF …
4	DAF/17/MIBM/179M/M	69	3.50	65	3.50	60	3.00	91	5.00	3.75	NOP
5	DAF/16/MIBM/139/M	74	4.00	72	4.00	75	4.50	80	5.00	4.38	MSD EX DAF 1101, MSD EX DAF …
6	DAF/16/MIBM/421/M	65	3.50	70	4.00	63	3.00	70	4.00	3.63	MSD TT DAF 1101, MSD EX DAF …
7	DAF/16/MIBM/036/M	82	5.00	85	5.00	86	5.00	95	5.00	5.00	NOP
8	DAF/16/MIBM/179/M	59	2.50	56	2.50	59	2.50	61	3.00	2.63	NOP
9	DAF/15/MIBM/073/W	62	3.00	67	3.50	86	5.00	72	4.00	3.88	MSD TT DAF 1101, MSD EX DAF …
10	Opedun Julius	55	2.50	70	4.00	73	4.00	72	4.00	3.63	MSD EX DAF 1101, MSD EX DAF …
11	DAF/16/MIBM/179/M	50	2.00	59	2.50	60	3.00	74	4.00	2.88	MSD TT DAF 1101, MSD EX DAF …
12	DAF/17/MIBM/416/M/M	86	5.00	70	4.00	69	3.50	85	5.00	4.38	MSD EX DAF 1102, MSD TT DAF …
13	DAF/15/MIBM/ /M	77	4.50	59	2.50	73	4.00	79	4.50	3.88	MSD TT DAF 1101, MSD TT DAF …

Keys

CODE	STATUS
COP	COPIED
MSD	MISSED
NOP	NORMAL PASS
PRO	PROBATION

CODE	ASSESSMENT
TT	TEST
EX	EXAM
CW	COURSE WORK

CODE	COURSE UNIT	CU
DAF 1101	Financial Accounting	5
DAF 1102	Business Economics	5
DAF 1103	Fundamentals of Business Administration	5
DAF 1104	Principles of I C T	5

Marks

From	To	Grade	GradePoint	Comment
80	100	A	5	Out Standing
75	79.9	B+	4.5	Excellent
70	74.9	B	4	Very Good
65	69.9	B-	3.5	Good
60	64.9	C+	3	Fairy Good

Classification

From	To	Class
4.4	5	FIRST CLASS
3.6	4.39	SECOND CLASS (UPPER)
2.8	3.59	SECOND CLASS (LOWER)
2	2.79	PASS
0	1.99	-

CGPA calculation

$$CGPA = \left(\sum_{i=1}^{i=n} GP_i \times CU_i \right) \div \left(\sum_{i=1}^{i=n} CU_i \right)$$
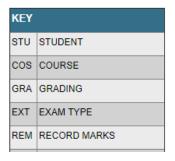
5.6 Security

The system has a locking feature, user accounts and backup that are all for security. Automatically daily scheduled backups are generated and can be stored online using one drive to prevent problems of data loss, fire outbreak, windows crashing, virus file deletions etc.

Users can be assigned roles in the system depending on what the user has to do in the system which adds security to the system. All user accounts are created and managed by the administrator of the system. He /she has rights to disable other users, delete or change password and username for a particular user when called for.

User Type	STU	COS	GRA	EXT	REM	VER	LOC	BAL	PAY	REC	FST	OCG	UTY	RTS
Accounts	✔	☐	☐	☐	☐	☐	☐	✔	✔	✔	✔	☐	☐	☐
Administrator	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
Registrar	✔	✔	✔	✔	✔	✔	☐	☐	☐	✔	✔	✔	☐	☐

Save

KEY	
STU	STUDENT
COS	COURSE
GRA	GRADING
EXT	EXAM TYPE
REM	RECORD MARKS

Locking of certain features can be done like courses, course units, students, payments and assessments. When locked, no modification can be made to information stored under that features. For example last semester's results can be locked so that one can edit them (change marks) and also for receipts/payments, it can also be done for a course or course unit or even on a student who has dropped out as shown below.

Students

313.	Manyang -DPSM/16/MIBM/205/M
314.	Marial Marial-DAF/16/MIBM/179/M
315.	Marianruun Zakaria - DSWSA/16/MIBM/472/M
316.	Martha-DIRD/17/MIBM/380/M/M

Examination Type

1.	CW
2.	EX
3.	TT

5.7 Conclusion

We thank you for your time while going through this document. In case you are interested in this system you can reach us using the details below.

Our team is also ready to provide more information or make presentations.

Company name: code eagles

code eagles
For Professional IT Solutions

Location: Sir Apollo Kaggwa Road, Opposite Sir Apollo Kaggwa Primary School
P.O.Box 29016 Kampala Uganda

Website: www.codeeagles.com
Email: info@codeeagles.com
Tel: 0788229210 / 0702678536 / 0706077117

University / College / Institute Management System

You are logged in as **Joseph Jojo** ⬆ Logout

- Students
- Courses
- Course Units
- Grading
- Exam Type
- Exam Batch
- Record Marks
- View Results
- Transcripts/Certificate
- List of Graduands
- Locking
- Promote
- Balances
- Receipts
- F Statement
- Other Charges

ADD SYSTEM USER

First Name:
Surname

Second Name:
Other name

Telephone Number:
Mobile number

Email:
Enter email address

User Type:
Select ⌄

Password:
••••

Confirm Password:
Confirm password

Username:
sdf

Save

No.	Name	Phone	Email	Username	User Type	Date Added	Action
1	Joseph Jojo		josemusitiwa@gmail.com	jo	Administrator	01st Jan 1970	Edit | Delete
2	Madam Phoebe	07882298210	joseph@gmail.com	MIBM	Registrar	21st May 2007	Edit | Delete
3	Musumba Phoebe	0777777	joseph@gmail.com	principal	Administrator	21st May 2007	Edit | Delete
4	Amuge Eunice	0753127545	josemusiitwa@gmail.com	amuge	Accounts	21st May 2007	Edit | Delete

XMS

University / College / Institute
Management System

You are logged in as **Joseph Jojo** ☐ Logout

+ Add New Student

List of students

General search

Search for:

	Campus	Year	Sem	Intake	Course	Session
	Main campus ⌄	All ⌄	All ⌄	All ⌄	All ⌄	All ⌄

Session All ⌄   **Show**

Search for a particular Student's name

🖨 Print

Students (573)

No	Student Name	Reg. Number	Sex	Telephone	Course	Level	Year	Semester	Session	A
1	ABALO CHRISTINE		M	0751083044	DJN	Diploma	Yr 1	Sem 1	Morning	Y
2	ABARIKURUNGI REGINA		F	0777332671	DBA	Certificate	Yr 1	Sem 1	Morning	Y
3	ABBO RITAH	DHTM/16/MIBIM/156/MM	F	0778755174	PGDHTM	Diploma	Yr 2	Sem 1	Morning	Y
4	ABDI RIZACK MOHAMED FARAH SULEIMAN		M	0791768369	DBA	Diploma	Yr 1	Sem 1	Evening	Y
5	ABDIDIZAK AU SAID MOHAMED		M	0703076004	DBA	Certificate	Yr 1	Sem 1	Morning	Y
6	ABDIFITAH HASSAN FARAH		M	0791768524	DBA	Certificate	Yr 1	Sem 1	Morning	Y
7	ABDIHAKIM MOHAMED JAMA		M	0794593549	DBA	Diploma	Yr 1	Sem 1	Morning	Y

Sidebar menu:
- ✱ Students
- 🗐 Courses
- 🗐 Course Units
- ○ Grading
- ● Exam Type
- ● Exam Batch
- ✐ Record Marks
- ☰ View Results
- ✱ Transcripts/Certificate
- ✱ List of Graduands
- 🔒 Locking
- ○ Promote
- $ Balances
- $ Receipts
- $ F Statement
- $ Other Charges

localhost/school/index.php?action=add_exam_type