

DATE:...../...../2021

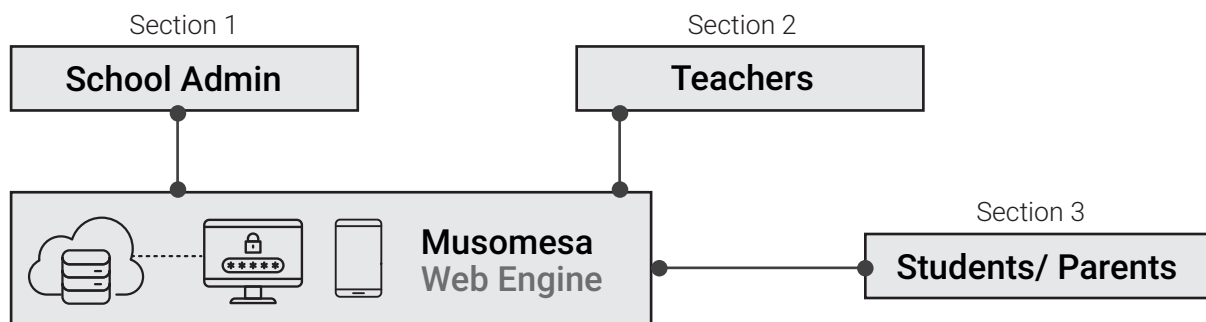
THE BOARD OF DIRECTORS  
YOUR SCHOOL  
P.O.BOX.....  
UGANDA**RE: REQUEST TO PARTNER WITH YOUR SCHOOL (PRIMARY SECTION)**

We would like to work with you to bring our product into practical use. We have chosen your school as our school of choice because we believe in your values; to educate and raise a Godly wholesome generation. We therefore would like us to join forces unto this cause. In this partnership, we shall provide the technology, you will provide the education.

Other details about this partnership and the product details are included in the draft contract document.

**ABOUT OUR TECHNOLOGY**

PRODUCT NAME:	VIRTUAL PRIMARY SCHOOL SYSTEM - (a.k.a MUSOMESA)
SYSTEM TYPE:	WEB APPLICATION
PROGRAMMING LANGUAGE:	JAVA, JAVASCRIPT
DATABASE:	ORACLE MYSQL
ACCESSIBLE BY DEVICES:	DESKTOP, LAPTOP, SMARTPHONE, TAB
REQUIRES:	INTERNET CONNECTION & BROWSER
SUPPORTED BROWSERS:	CHROME, FIREFOX, MICROSOFT EDGE, SAFARI, BRAVE, ETC.
DATA CONSUMPTION	LOW : ~ 20MBs PER HOUR OF BEING ONLINE (~UGX 300)
CREATED BY:	AYSH INVENTIONS LTD
PROPOSED TO:	# YOUR SCHOOL
PROPOSED SYSTEM COST- PAID TO AYSH:	UGX 10,000/Term per student account
PROPOSED SYSTEM COST- PAID TO SCHOOL:	UGX...../Month ( <a href="#">EDIT</a> ) per student
PROPOSED TOTAL COST (SCHOOL FEES):	UGX ...../Month ( <a href="#">EDIT</a> ) per student

**SYSTEM ARCHITECTURE****NEXT PAGE****SYSTEM FUNCTIONS**

# SYSTEM FUNCTIONS

## SECTION 1 (SCHOOL ADMINISTRATION)

An authorized school administrator can login and do any of the following

### Manage (create/ upload/ update/ delete):

- Students' database (child's profile, marks, fees status).
- Teachers' database.
- Students' exam results.
- Periodic newsletter/ Announcements.
- Syllabi for teachers to use.
- School timelines & deadlines.
- Zoom accounts for the different live video classes.

### Read / Respond to:

- Queries/ Messages from parents.
- Queries/ Messages from teachers.

## SECTION 2 (TEACHER)

An authorized teacher can login and do any of the following

### Manage (create/ upload/ update/ delete)

- Class notes of different subjects & topics with titles.
- Exercise & Answers for a specific topic for students to access.
- Test/Exam (to be done under supervision of parent/adult at home, no copying).
- Send exam results to School Admin to send to parents/students.

### Download/ Manage / Access / Respond to

- Exercises submitted by students.
- Test/ Exams submitted by students for marking.
- Questions from students
- Messages from the school admin
- Comments from parents

### SECTION 3 (STUDENT/ PARENT)

An authorized parent/ student can login and do any of the following

#### Download/ Access

- New lesson notes from the teachers
- Exercises uploaded by the teachers
- Exams uploaded by the teachers.
- Newsletter/ Announcements from the school Administration.
- Schedule for upcoming tests.
- Marks & performance reports for each exam/test.

#### Upload/ submit

- Attempted exercises for marking (before deadline).
- Exams for marking (before deadline).
- Questions for teachers to answer in various topics for child's clarity.
- Send queries or Inquiries to the school Admin.

### INSTANT NOTIFICATIONS



Each parent shall receive an instant notification/ alert through their phone (SMS) each time the school admin makes an important update e.g. Uploading New Exam-results, Uploading Newsletters, etc.

### SYSTEM SECURITY

The system uses the most secure Java Play-MVC technology and is safe from:

- Cross Site Request Forgery (CSRF) attacks. ✓
- Harmful dependency Injection & data theft by Hackers and cyber robots. ✓ ✓
- Unauthorized access (system uses a robust password authentication algorithm)
- Data loss through server shutdown (System has frequent automatic & manual backups). ✓

[NEXT PAGE](#)[OTHER PARTNERS](#) |[CONTACT US](#)

## OTHER SYSTEM STRENGTHS / SPECIAL QUALITIES

- System uses JDBC connection pools to offer efficient and faster access to the database.

## OUR PARTNER TECHNOLOGIES

Special thanks to the following for their high-tech tools that quicken our software development process.



### CONTACT US



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