



VIRTUAL JOB STUDENT SYSTEM PROPOSAL

**Prepared by: FRIDOLIN MPIZA, Tanzania Network and
Software Engineer**

CONTENTS

1.	Introduction	i
2.	Technologies used.....	ii
3.	Product Features.....	iii
3.1	System Dashboard.....	iv
3.2	Online Meeting and Current News Updates	v
3.3	Job Vacancies	vi
3.4	O’Level & A’Level Students Curriculum’s	vii
3.5	O’Level & A’Level Students Past Papers	viii
4.	Solution Online.....	ix
5.	Execution Timeline.....	x
6.	Project Costs.....	xi

1. INTRODUCTION

This is an engineered platform developed by Fridolin Mpiza, Tanzania Network and Software Engineer through which a system user can interact with several functionalities including online meeting, getting current news updates, viewing and downloading student past papers and curriculums as well as job vacancies

Also, a system enables user to fetch several information stored in database as a mean of history for future uses.

2. TECHNOLOGIES USED

A system was developed by using the following technologies to make sure that functionalities tend to operate effectively;

- Cryptographic Algorithms,
- Application Programming Interface (API)
- Security hashes
- JavaScripts (Js) and Cascading Style Sheet (CSS)
- HTML (Hyper Text Mark Up Language)
- Mysql Database

All of these technologies were used to make sure that the whole system is going to undertake the intended functionalities while it is used.

3. PRODUCT FEATURES

3.1 System Dashboard

- A system is a very user friendly since a system user can easily do an online meeting, getting current news updates, viewing and downloading both O'Level and A'Level student's curriculums and past papers as well as getting an alerts on the current job vacancies. It appears as follow



ONLINE DISCUSSIONS

Tuesday 7:00 AM-8:00PM

Wednesday 7:00 AM-8:00 AM

Join the Meeting



Join the Meeting

CURRENT NEWS

Tanzania and Global Updates

**TCU Third Round Selection
NOTICE**

**SECOND ROUND Multiple
Universities 2022 Selected**

UDOM 2022 Selected

Ardhi University 2022 Selected

**Mwalimu Nyerere Memorial
University 2022 Selected**

**Mzumbe University 2022
Selected**

UDSM 2022 Selected

**SUA (Sokoine University) 2022
Selected**



fmpiza.github.io/vir



HOME



HOME

CURRICULUM'S

PAST PAPERS

JOB VACANCIES



ONLINE DISCUSSIONS



3.2. Online Meeting and Current News Updates

- On this section, a system user can do both online meeting (virtually) and viewing the current news updates in a very easily way of interacting with the system. Especially on the side of a system administrator, there is a mechanism of an email notification for a very soon meeting schedule. It appears as follow



ONLINE DISCUSSIONS

Tuesday 7:00 AM-8:00PM

Wednesday 7:00 AM-8:00 AM

Join the Meeting



Join the Meeting

CURRENT NEWS

Tanzania and Global Updates

TCU Third Round Selection
NOTICE

SECOND ROUND Multiple
Universities 2022 Selected

UDOM 2022 Selected

Ardhi University 2022 Selected

Mwalimu Nyerere Memorial
University 2022 Selected

Mzumbe University 2022
Selected

UDSM 2022 Selected

SUA (Sokoine University) 2022
Selected

UDSM 2022 Selected

**SUA (Sokoine University) 2022
Selected**

MISSION

The Mission of this platform is to make sure that a student can be well updated on various academic issues including the issue of NECTA Results.

To help job seekers to be posted / aware of the current job vacancies

Republic of Tanzania on
overcoming different faced
challenges in our Tanzania
academic scheme.

Also, the platform intended to
facilitate a student on getting
different statistics based on
educational matters which is
going on in Tanzania.

3.3. Job Vacancies

- Also, a system user is able to view the current job vacancies alerts which can enable him to apply for by only clicking and viewing the required conditions of a certain job post. It appears as follow



*** Post your Job Advertisement
Here**

Select Job file to upload:

Choose File

Upload Image

JOB VACANCIES

Accounting Jobs

Drivers Jobs

Procurement and Supply Jobs

Program Manager Jobs

Sales and Marketing Jobs

3.4. O'Level & A'Level Students Curriculum's

Here a system user can view and download both O'Level and A'Level student's curriculums and past papers on only clicking way of interacting with a system. All required current students learning materials are well stored in a system database. It appears as follow.



**LIST OF TANZANIA O-LEVEL
AND ADVANCED EDUCATION
LEVEL SYLLABUS(TOPICS)**

*Form One
Syllabus*

*Click to
View*

*Form Two
Syllabus*

Click to





**Form Six
Syllabus**

**Click to
View**

Note:

Be sure of clicking the corresponding Syllabus of your own level for helping you to focus on what Topics you are needed to study. Welcome !!



3.5 O'Level & A'Level Students Past Papers

Also, a system user can view and download both O'Level and A'Level student's curriculums and past papers on only clicking way of interacting with a system. All required current students learning materials are well stored in a system database. It appears as follow.



**LIST OF TANZANIA O-LEVEL
AND ADVANCED EDUCATION
LEVEL PAST PAPERS**

*Form One Past
Papers*

*Click to
View*

*Form Two Past
Papers*

Click to

4. SOLUTION ONLINE

Eng. Fridolin, will build software by using an advanced technologies in corresponding to the current global development of science and technology as well as by ensuring the high level of security and scalability. Also, it will allow you to do any updates on page content and images once it is launched and it make an easy integration with analytics software to track page and site performance.

5. EXECUTION TIMELINE

- System execution timeline including several task as follow till making sure that the system is complete to operate.
 - Initial Design as per discussion to meet client's needs.
 - Functional Prototype
 - Application development and Complete Testing

6. PROJECT COSTS

Task	Price (USD)	Price (Tsh)
Initial Invoice	85 / =	200,000/=
Approved Design Invoice	128/ =	300,000/=
Final Invoice	128/ =	300,000/=
TOTAL AMOUNT	300 USD /=	800,000/=