

## **Examination Result management system in php (TANZANIA Schools)**

This is the web-based system used to manage the school, interschool, regional and zone examination results.

The aim of this system is to make the results available anywhere provided that the user has internet connection.

How to system works?

The user such as the academic teacher prepares the results for each category in each subject for example Mathematics (Test, group assignments, Final exams) in excel, the excel file is uploaded per each category and for every subject, the system process the marks and produce the analyzed and processed student's result. The initial configuration is set once and can be modified any time, on the results such as how GPA, Division and Grade is calculated.

### **Benefits**

- i. The system can store and keep the results long time depending on your needs
- ii. The report can be generated in pdf and the file can be printed and stored.
- iii. It interacts with users. They can message and you can reply.

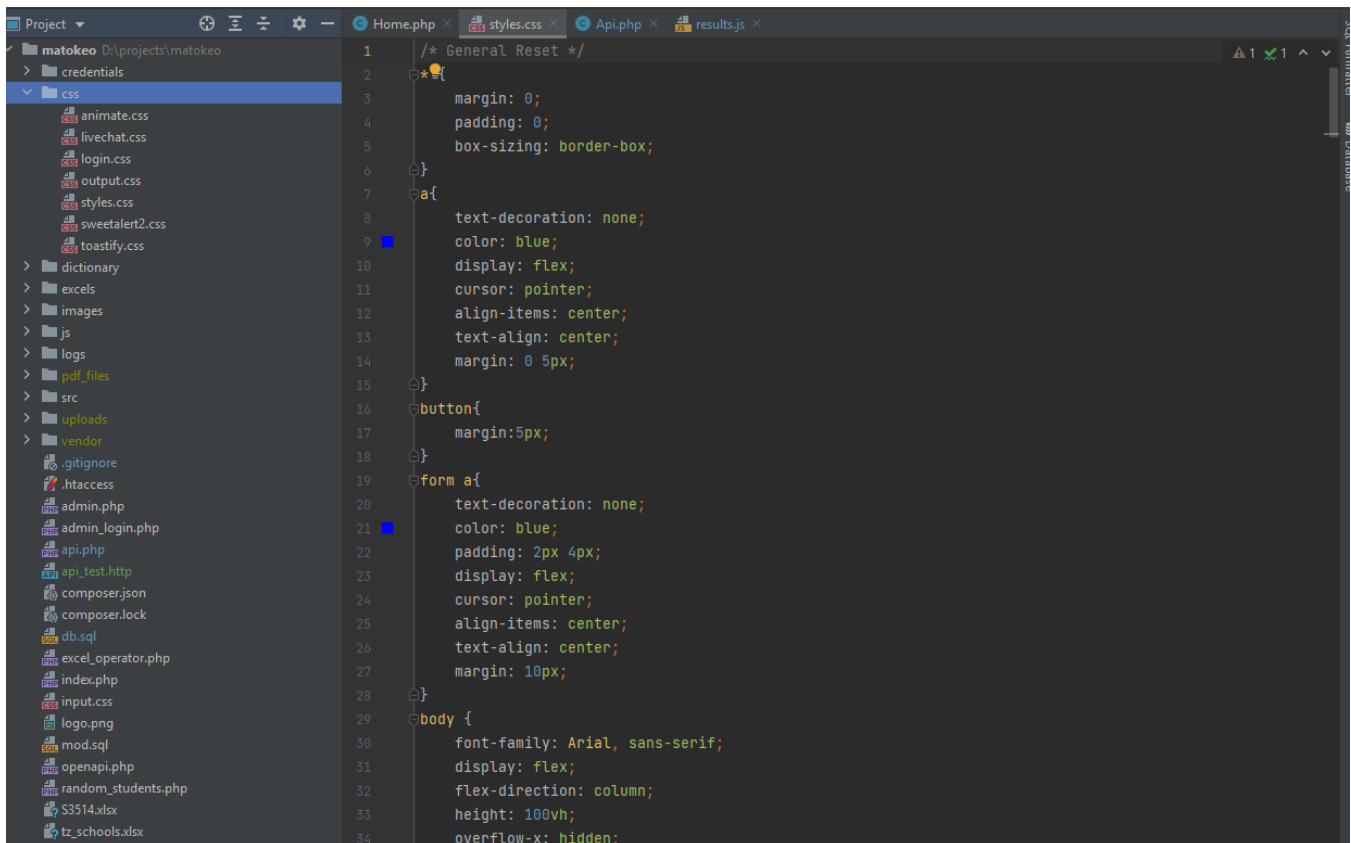
### **Advantages;**

- i. The system is fast to process
- ii. The service can be provided any time.
- iii. Easy to use.
- iv. It can publish raw marks or processed results and make them available.

### **How to install and config?**

Having local web server such as Apache or Nginx, or a public hosted server that cost depend on the package you select.

The project structure is like below



Creating a database on the server, importing the database file (.SQL) into the database management system such as MariaDB.

Runing the webserver.

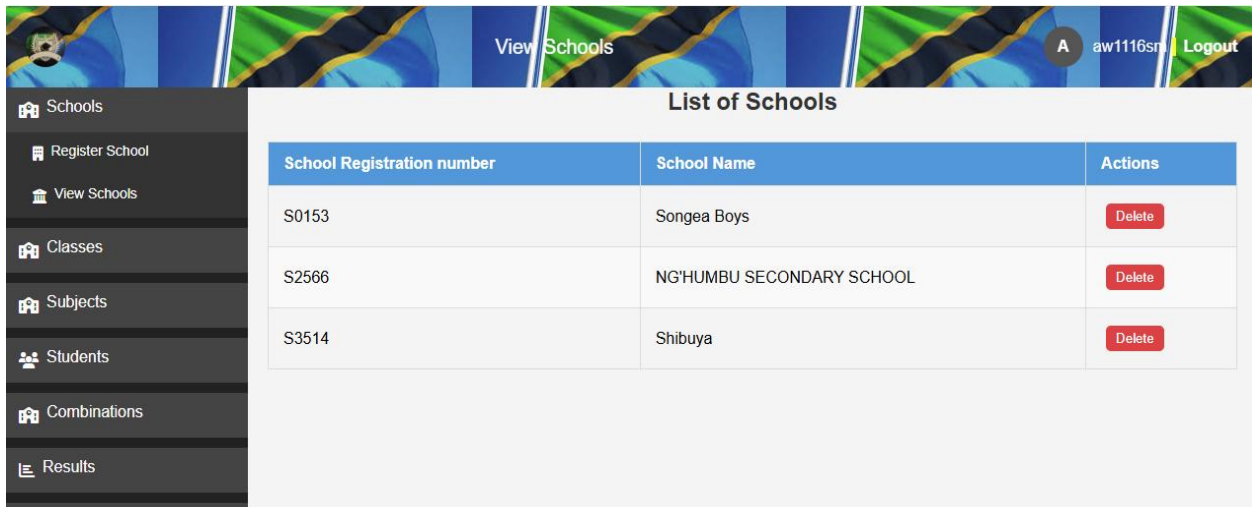
Doing the initial inputs in the database.

### How to start using.

When you open the address depending on the server user, if is local use <http://localhost/admin.php>

This is the admin dashboard where you import the results related data and the result will be available at <http://localhost> when published.

The following image shows the appearance of the admin dashboard.



The other configuration like Logo and Company data are set in the `Config.php` file.

### Steps to add enter results.

#### 1. Add school

In the menu shown in figure 1.1 the first menu is Schools and has submenus (register and view schools). The register school is used to add school and the view used to view the schools you have added. Let's add one school called Simba Secondary School with center number S1936

School Name

School Number

Register

Now when we view the schools you see a list as below,

<div>Schools</div> <div>Register School</div> <div>View Schools</div> <div>Classes</div> <div>Subjects</div> <div>Students</div> <div>Combinations</div>	List of Schools		
	School Registration number	School Name	Actions
	S0153	Songea Boys	Delete
	S1936	Simba Secondary School	Delete
	S2566	NG'HUMBU SECONDARY SCHOOL	Delete
	S3514	Shibuya	Delete

As you see we have added a school and we can delete in the delete button on right of the page.

## 2. Adding Classes.

For testing we are going to add the classes in same manner as we did for the schools. I have added the classes for you (Form one to Form 6) but you can delete and add other classes as you want.

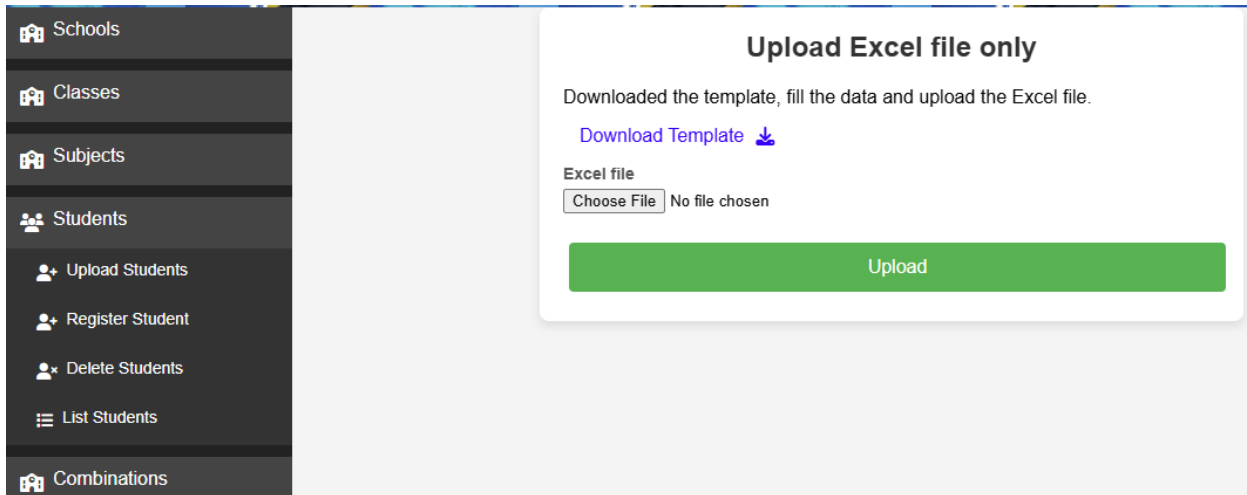
<div>Schools</div> <div>Classes</div> <div>+ Add Classe</div> <div>View Classes</div> <div>Subjects</div> <div>Students</div> <div>Combinations</div> <div>Results</div> <div>Marking Schemes</div>	List of Classes	
	Class Name	Actions
	Form One	Delete
	Form Two	Delete
	Form Three	Delete
	Form Four	Delete
	Form Five	Delete
	Form Six	Delete

If adding PDF results or excel you don't need to add subjects but if the result is to be calculated by the system and published, then you have to add the results. For now, let's skip this.

We are going to add students.

## 3. Adding students

You can add the students in same way like but for many students we have simplified you to import the excel file that contain the student's data and the columns defined in the template must be used. First download the template, add the students and import the file done.

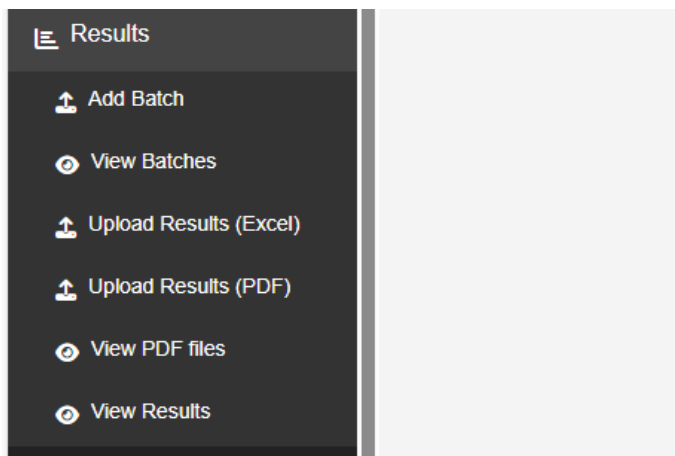


Let's download the template and add the students for Simba secondary school. After upload the excel file, the database will contain the student's information for Simba secondary school.

The combination menu can be left at this time because we are going to enter the results in pdf format only, but the logic is the same like the others menu and submenus.

## The result Menu

The menu has sub menu as following image



Before you upload the result make sure you have added the batch, that the batch has the fields like name, year, class and the upload file type, in you case we are going to upload pdf, so we select pdf file format.

To view the batches, click on the view button of the submenu, you can see information like in the figure below. Note, the result must be published to be visible to client users otherwise will not be visible.

Title	Release Date	Status	Actions
Form Three Mid term Assessment	03-2025	Published	<button>Delete</button> <button>Draft</button>
Form Six Pre National Examination	04-2025	Draft	<button>Delete</button> <button>Publish</button>
form 4 mombosi	07.05.2025	Published	<button>Delete</button> <button>Draft</button>
Form Six Pre-NECTA Examination Results.	11-2025	Draft	<button>Delete</button> <button>Publish</button>

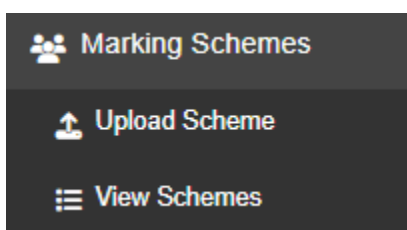
We will not publish first before we enter the result, so let's upload the pdf files. There are three following buttons the upload excels, pdf and the view results. To view result is to preview before it is published. Because we are uploading a pdf result then let's select Upload Result (PDF) and the input fields become like below.

You have to select the batch that you added that is the reason I said you have to add the batch before uploading results. There is the option to select school name, or all schools in case the result is comprising all schools such as the Top ten students in all students sat for examination.

Then you have to select category and sub category, the category options include result and summary, either you are entering result or summary like School permeanance. The subcategory depends on the category, if category is result, then you see test, examination on the other hand the summary type like individual school, and regional summary or zone summary.

After choosing file you have to upload the result now, repeat for other schools, and other summaries but selecting a specific batch every time. After uploading result, publish and then can be seen in the homage of the system or the website.

We added the menu for managing marking scheme and other files shared to visitors and other schools like notes.



We have also added the contact section where visitors can write message to you and you can answer to their email, also you can compose the email and send to clients and required.

Schools

Classes

Subjects

Students

Combinations

Results

Marking Schemes

Messages

View Contacts

Send Emails

Admin

Contact Messages

Sender Name	Status	Actions
Daudi Mabula	read	<a href="#">View</a> <a href="#">Reply</a> <a href="#">Delete</a>

Let’s try to send the message from the website.

The visitors seeing result may see interface like this at first.

MOCK EXAMINATION RESULTS

SUMMARY DISTRICTWISE & SCHOOLWISE

MARKING SCHEMES

CLICK ANY LETTER BELOW TO FILTER CENTRES BY ALPHABET

ALL CENTRES

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

S0153 Songea Boys

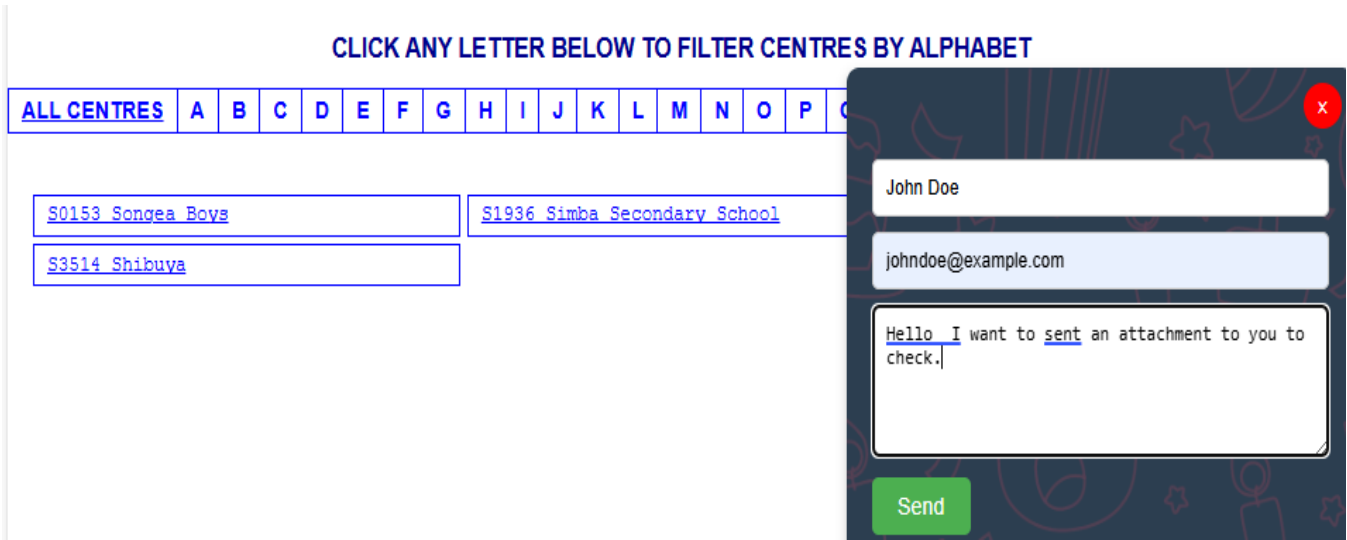
S1936 Simba Secondary School

S2566 NG'HUMBU SECONDARY SCHOOL

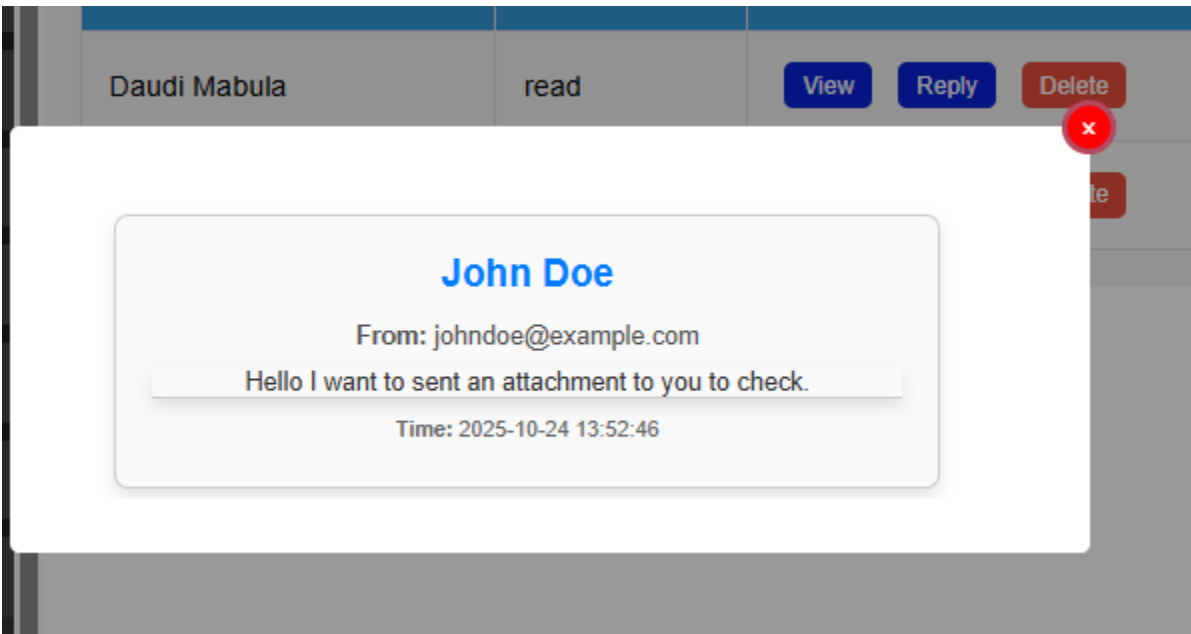
S3514 Shibuya



Clicking the messaging button at the bottom right opens a popup to send a message to you.



And the message can be viewed like the below



After messaging there is a menu for Admins where you can add users that can manage the admin dashboard.

You can customize in whatever case.