# Online User Manual

# Zanzibar Digital School Attendance

# Mobile Application

#### System Overview

Zanzibar Digital attendance is an application that allows teachers to digitally record pupils' class attendance. The application submits the data to an online cloud storage.

#### Organisation of the Manual

The user's manual consists of five sections:

- System Summary
- Getting Started
- Using The System
- Reporting
- · Web Dashboard

The **System Summary section** provides a general overview of the system. The summary outlines the uses of the system's hardware and software requirements, system's configuration, user access levels and system's behavior in case of any contingencies. **Getting Started section** explains how to get Digital Attendance and install it on the device. The section presents briefly system menu. **Using The System section** provides a detailed description of system functions.**Reporting section** describes in what way information collected by the application are presented and how to access the information.

#### System Summary

System Summary section provides a general overview of the system. The summary outlines the uses of the system's hardware and software requirements, system's configuration, user access levels and system's behavior in case of any contingencies.

#### **System Configuration**

Zanzibar Digital Attendance operates on mobile devices with Android operating system. It is compatible with **Android version 5.1** and up. The application requires an Internet connection in order to save data to

the cloud database, and also has an **offline functionality** to facilitate collection of attendance data without internet connection. **Offline mode works up to 30 days.** Data saved is visualised on a web dashboard accessible via any major Internet browser. After installation on the device, Digital Attendance can be use immediately without any further configuration.

#### **User Access Levels**

Only teachers that have been registered into the system can use the application. For any assistance with credentials, kindly consult the headteacher in your school.

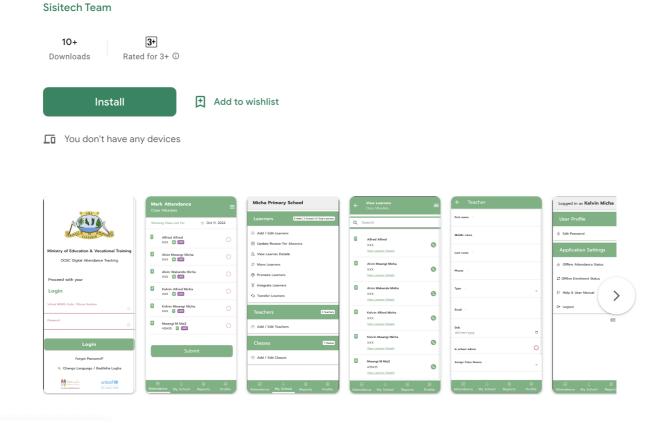
#### **Getting Started**

#### Installation

The Getting Started section explains how to install the Zanzibar Digital Attendance app on a device. To Download the mobile application, head to the Google Playstore on an Android device and search for "Zanzibar Digital Attendance". To access the application on the PlayStore, click Zanzibar Play Store.



# **Zanzibar Digital Attendance**



#### Login

The newest installation version currently available can be downloaded from the Google Store and is an .apk file, which should be installed on the device.

Login using a school's EMIS code or phone number and a password assigned to the teacher at installation level via the attached school's or teacher's email address. The teacher can then use these credentials to login.

#### **Login Screen**



Proceed with your login by inputting your school code or phone number as the username and the password sent to your email address. Click the login button to authorise the credentials.

#### **Forgot Password**



In the case of a forgotten password, click the Forgot Password button on the login page and enter your school code or phone number in the Forgot Password screen.



Once successful, enter the reset code sent to your email address.

#### **Language Translation**

You can translate the language for using the application to either English or Kiswahili.

Select Language / Badilisha Lugha

English

Kiswahili

GHAIRI SAWA

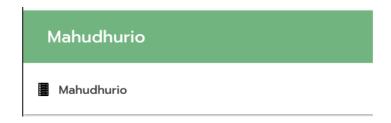
Change Language / Badilisha Lugha

#### My School



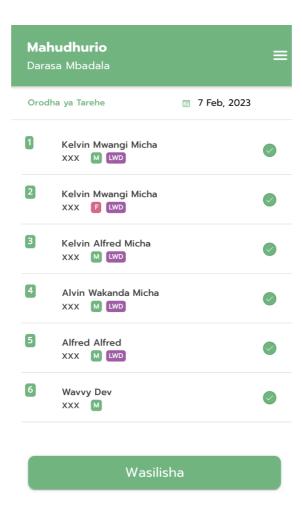
The My School tab enables a headteacher to manage their school. Here, they can Mark Learner Attendance, Add / Edit Learners, View More Learner Details, Provide Reasons for Absence, Integrate Learners, Transfer and Accept Learners and Move / Promote Learners. In this section you can also Add / Edit Teachers and Add / Edit Classrooms to a school.

#### **Marking Attendance**

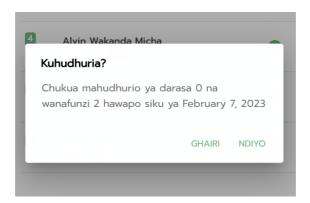


The attendance tab contains a list of learners with their name, UPI number / Admission number and an indicator of their gender or any special needs the learner might have.

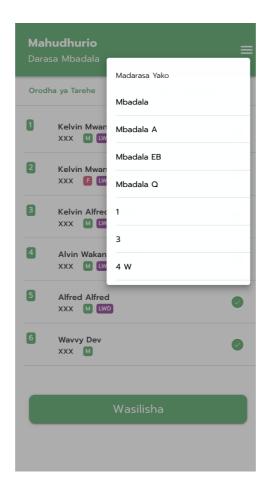
A **green M** badge indicates a male learner, **green F** a female learner and a **green SNE** illustrates a learner with special needs.



To mark a learner as absent, click the green circle on the right against the learner's name to turn it to unchecked. Otherwise, not clicking the circle indicates that a learner is present. After going through the list of learners in your class, click the **'submit'** button to complete marking attendance.



#### Classes Menu



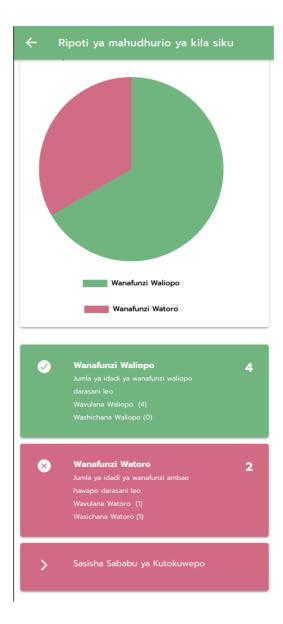
On the top right, there's a menu icon with a list of classes. A teacher can switch to a different classroom and mark attendance for that class room. You can only mark attendance for two previous dates from the current date.

#### **Date Picker**



Change the attendance date by clicking on the calendar above the list of learners.

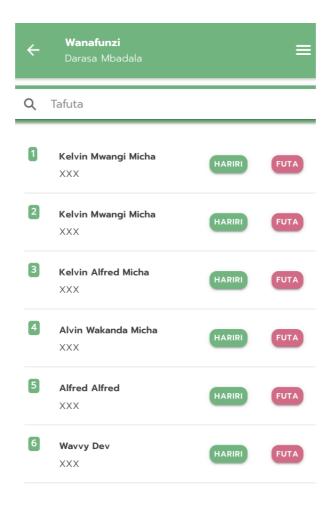
#### **Daily Attendance Report**



After marking attendance, a daily attendance report provides an overview of the marked learners status for that class. The report shows a chart of present vs absent learners and these numbers segmented by gender.

#### **Adding a Learner**

🖽 Ongeza / Hariri Wanafunzi

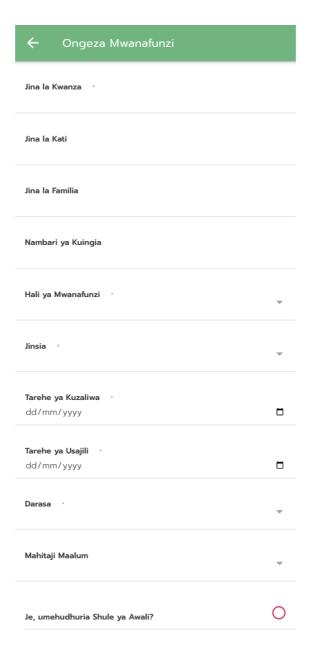




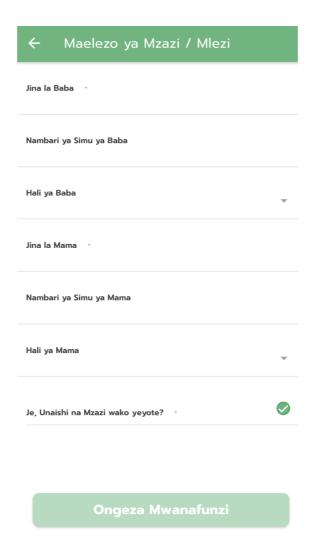
A headteacher or an teacher admin can add, edit and deactivate a learner.

Click on the "+" button to add a new learner. The add learner form has a list of different form inputs to fill as a teacher. Required fields are marked by a red \*. The add learner form is divided into two parts :-

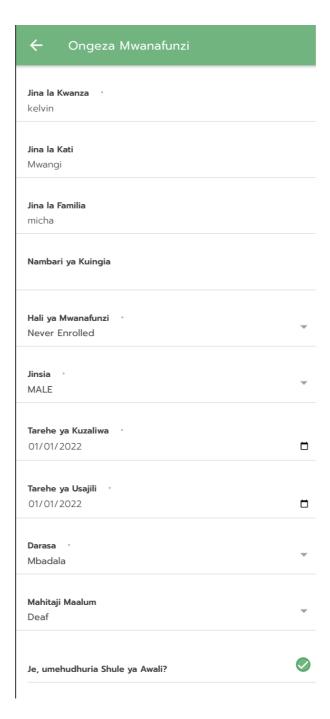
• Learner Details



### • Guardian Details



**Editing a Learner** 

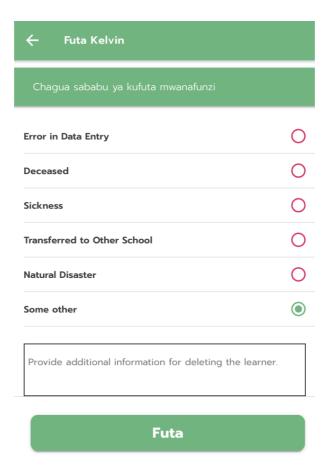


Click on the **Edit** button to update the details of a Learner.

#### **Deactivating a Learner**



Deactivate Learner by clicking on the "Deactivate" button.



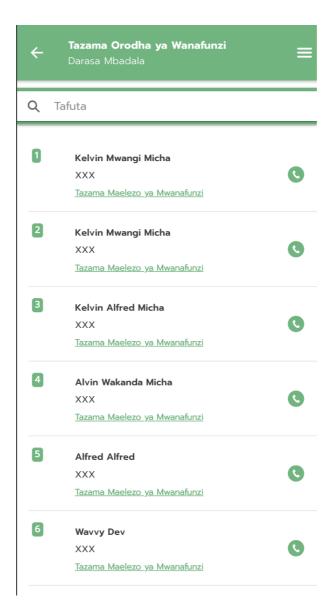
You will receive a pop up that prompts for submission of a reason of deactivation for the learner. Select the correct reason and click on "Deactivate".

#### **View Learner Details**

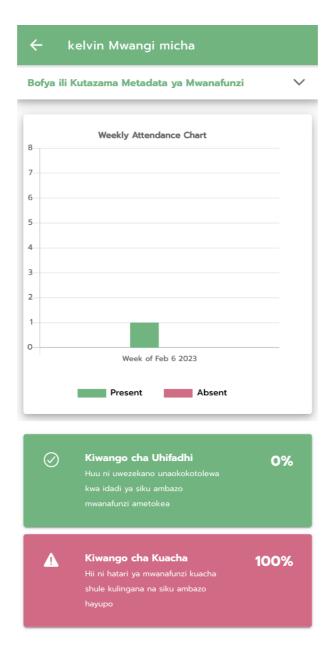
🖺 Tazama Maelezo ya Mwanafunzi

View an attendance chart of the current attendance status of the learner and a phone call support feature as a means to reach a guardian. Clicking on **View Learner Details** will open a page with a list of learners displaying the learner's **name**, the **UPI/Admission Number**, a link to **View Attendance Chart** and a **Phone** Guardian button.





#### **View Attendance Chart**



The weekly attendance chart shows a weekly attendance overview of an individual learner, the days present against the days of absent. The retention rate is the probability value calculated by the number of days the learner was present while the dropout rate is the probability of dropping out calculated on absenteeism.

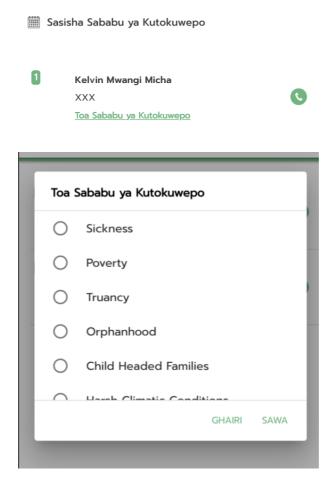
#### **Contact Guardian**



Incase of an emergency or need to follow up on a learner with their guardian, click on the **phone** icon to place a call.

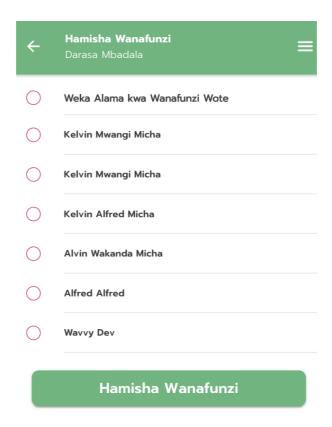
#### **Provide Reason For Absence**

To update a learner's reason for absence, click on the reasons for absence section and update a learner's reason from the provided list.



#### **Move Learners**

The Move Learners tab enables moving of learners from one class to another. Select learners to move to a different class and complete the move process.





#### **Promote Learners**

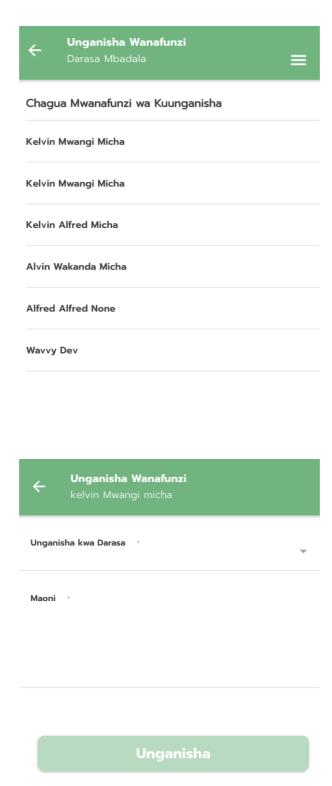


Graduate learners to the next grade at the end of the year. This feature works to promote all learners to the next grade once. **Be careful** when promoting learners.

#### **Integrate Learners**

In order to integrate learners from the alternative (mbadala) class to the regular classes (1,2 etc), click on the integrate learners button. Select a learner and choose a class to integrate the learner to as well as additional remarks for integration.

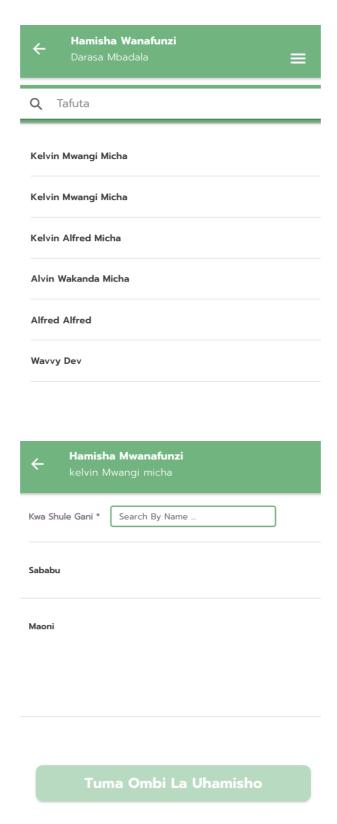
👸 Unganisha Wanafunzi



#### **Transfer Learners**

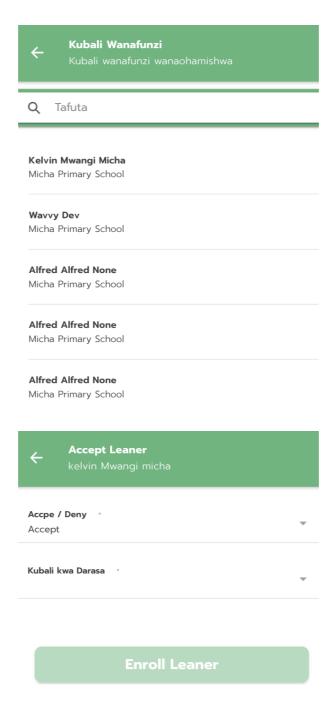
A headteacher/school statistician can transfer a learner from one school to another school within the program. Incase a transfered student isn't accepted in the other school, they will be added to the deactivated learners list.

🕀 Wachilia Wanafunzi



#### **Accept Learners**

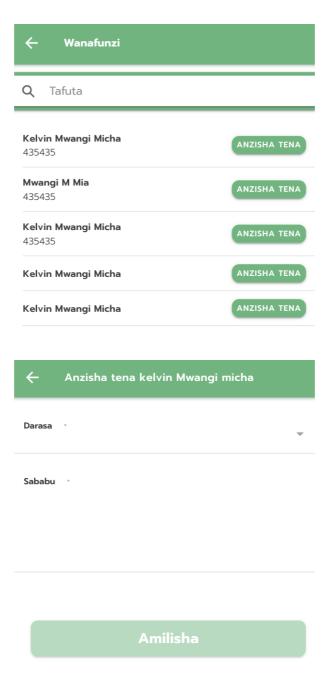
Learner transferred to your school can be admitted via the accept learners section.



#### **Reactivate Learners**

Learners who have been deactivated from a school can be reactivated incase they return to school after a period of deactivation.

& Wanafunzi Waliozimwa

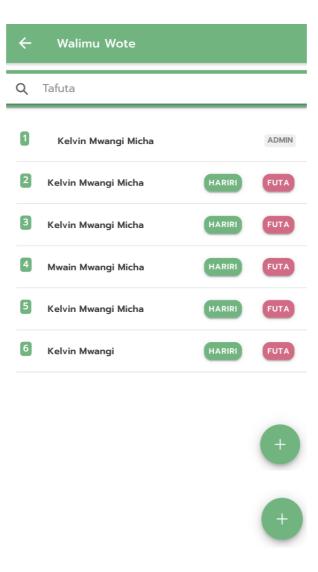


#### **Teachers**

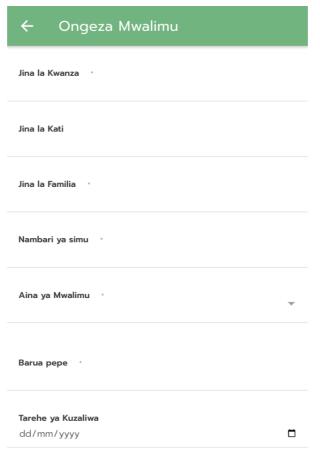
#### **Add Teachers**



As a headteacher / teacher admin, add a new teacher to your school and assign a class to mark attendance.



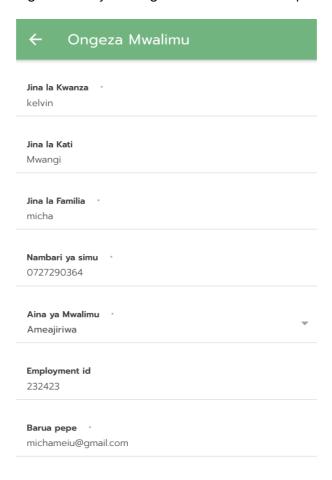
Fill the teacher details and submit the information by clicking the **Add Teacher** button.



#### **Edit Teachers**

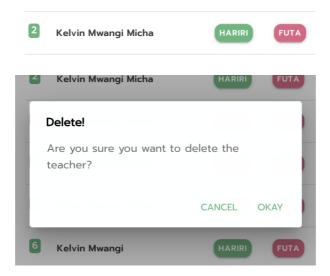


Update the details of your exiting teacher by clicking the **Edit** button and updating your form.



#### **Deactivate Teachers**

Deactivate a teacher from the system by clicking on the **Deactivate** button.

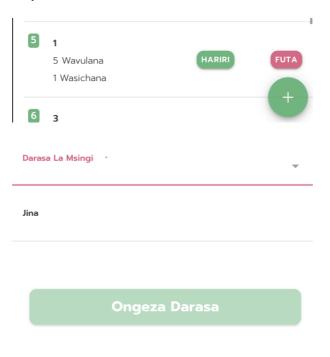


#### Classes

#### Add Classes



As a headteacher / teacher admin, you can easily add a new class to your school. Click on the add button to fill in the details of the new class you want to add.

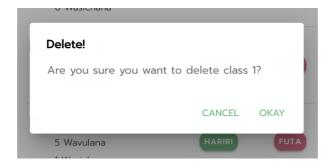


#### **Edit Classes**



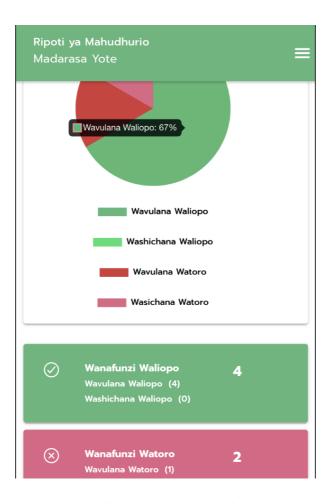
Update the details of your exiting classes by clicking the **Edit** button and updating your form.

#### **Decativate Classes**



Deactivate a class from the system by clicking on the **Deactivate** button. You can only deactivate a class with no learners. To deactivate a class with learners, move the learners to another class then proceed to deactivate.

#### Reports

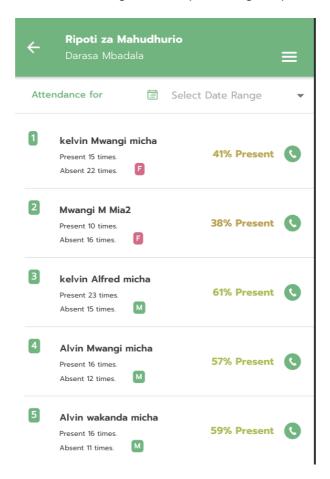


The Reports tab allows the head teacher to view an aggregated list of student attendance performance per class, based on gender. Head-teacher's can also view on a daily basis a list of often absent students from every class on a certain date and provide a reason for absence for missing school.

#### **Individual Learner Attendance Report**



A summary of each individual learner's attendance report that shows the total number of present and absent times for each learner within a date range and the percentage of presenteeism.



#### **Profile**

User Profile



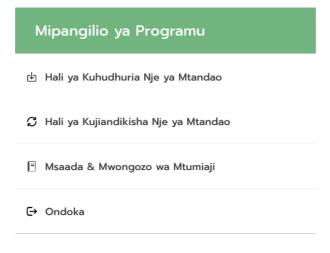
The user profile tab allows the user to change their password, view notifications, sync off-line attendance with the database, update the latest class list as well as logging out and accessing the help pages.

#### **Edit Password**

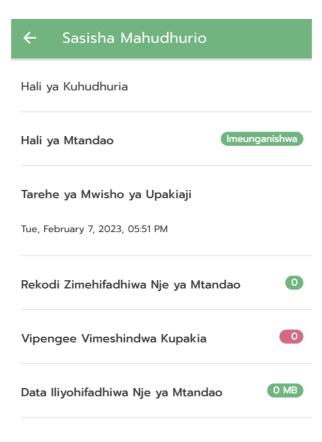


In the User Profile tab, click on the Edit Password option. This will provide fields to enter the current password and the new password. Enter the current password and the new password respectively and click on the Login button.

#### **Application Settings**

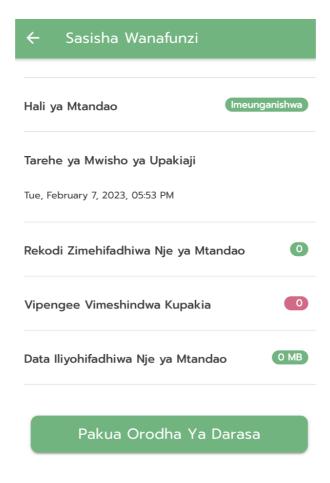


#### **Attendance Status**



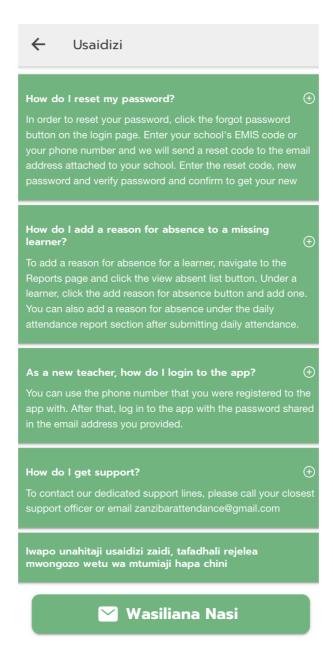
A user can sync attendance data taken in off-line mode to the online database by navigating to the user profile tab and clicking "Attendance Status".

**Update Learners List** 



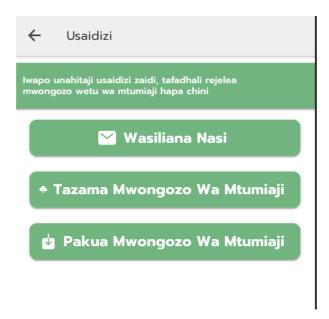
This enables a teacher to manually sync to the latest learners list in the school. Click on the **Download Latest Class List** button to sync with the latest list of student in your school.\*\*\* Do this incase you perform offline learner enrolment with different devices. \*\*\*

Help & Support



Access a list of frequently asked questions and a user manual with more information on how to operate the Zanzibar Digital Attendance System.

**Contact Us** 



Click on the **Contact Us** button to get a form to submit any issues/queries and support questions and our team will respond promptly.



**Download User Manual** 



Download a PDF version of this user manual by clicking on the **Download User Manual** button.

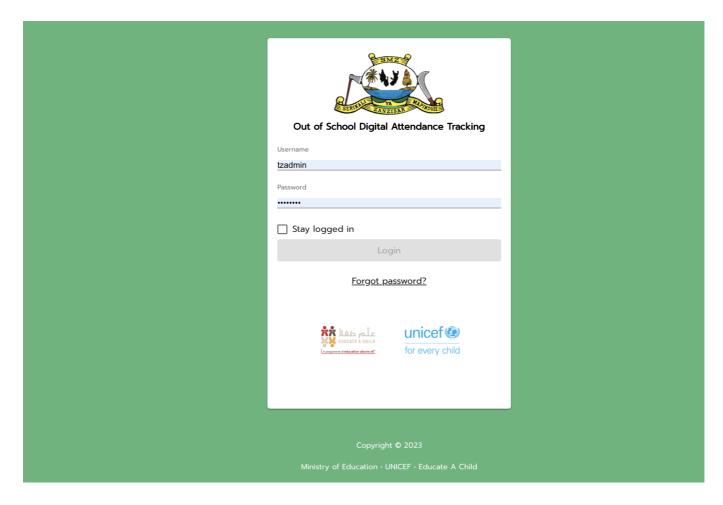
Logout

→ Ondoka

To log out from the application, go to the User Profile tab and click on the Logout option.

## Web Dashboard

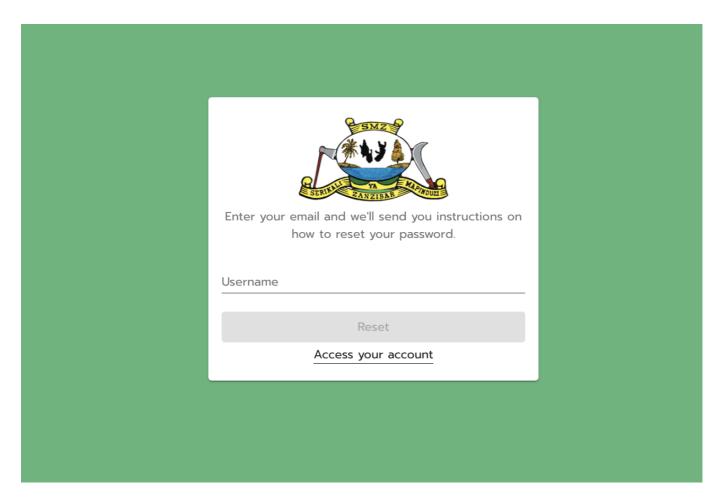
Login



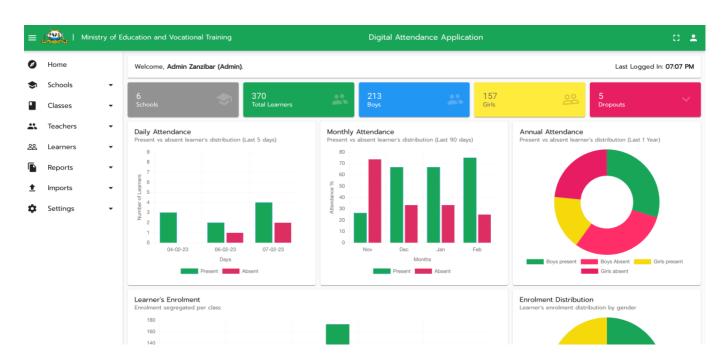
Zanzibar Digital Attendance's dashboard is hosted at Zanzibar Dashboard. Enter your login credentials to access the dashboard.

#### **Forgot Password**

As a user, you can also reset your password on the web dashboard.



#### Dashboard



The dashboard consists of 7 naviagation items:-

Item	Description
Home	Provides an overview of all the learner's enrolment and attendance depending on the access level of the user. This is represented by charts and graphs.
Schools	Add a new school and view details of previously added schools

Item	Description
Classes	Add a new class to a school and view details of previously added classes
Teachers	Add a new teacher to a school and view details of previously added teachers. You can also reset the teachers password.
Learners	Add a new learner to a school and view details of previously added learners.
Reports	Generate enrolment and attendance reports as well as download Excel reports for offline use and data analysis.
Imports	Clean and import data via an Excel sheet.
Settings	View the logged in user profile as well as change their password.

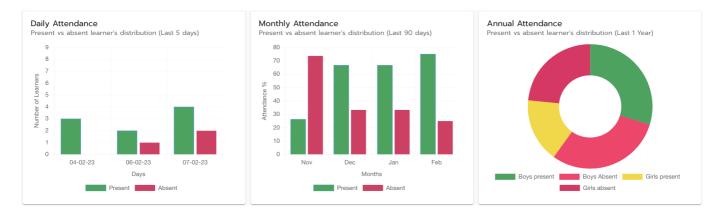
#### Home



View a card summary of learner enrolment data by gender.



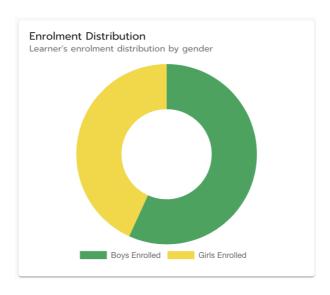
View a chart summary of daily, monthly and annual attendance data.



View a chart summary of learner enrolment by class.



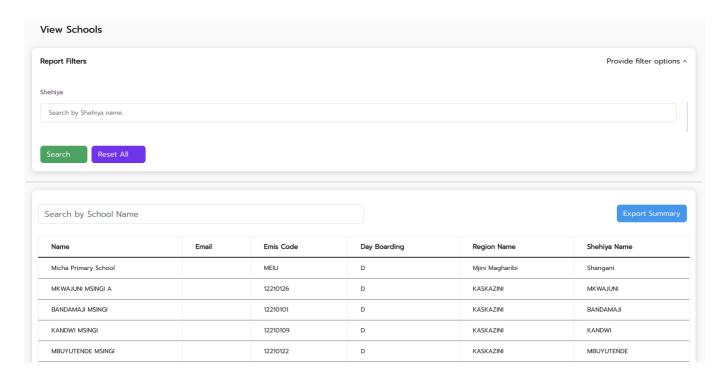
View a chart summary of learner enrolment data by gender.



## Schools



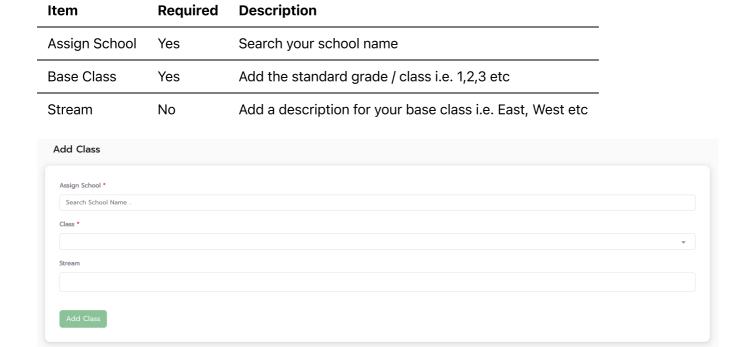
View current schools details. Filter by sub county to search for your school. You can also export the summary of the data.



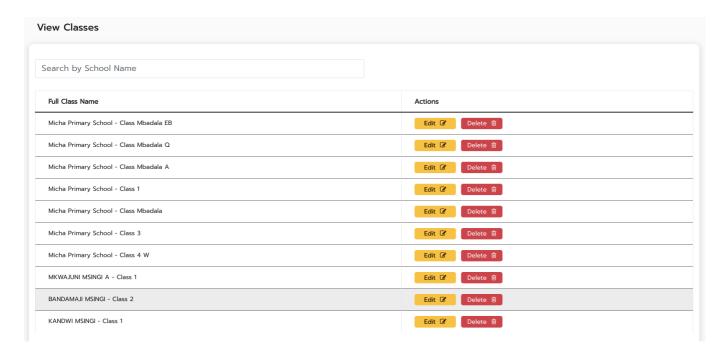
#### Classes



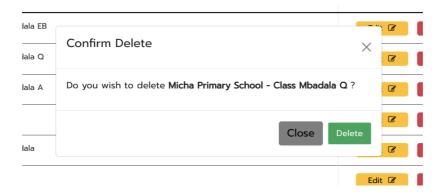
Add details of a new class to add it to the Zanzibar dashboard. The details include :-



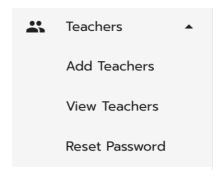
View and edit all the classes added to a school by filtering by school.



You can also delete a class.



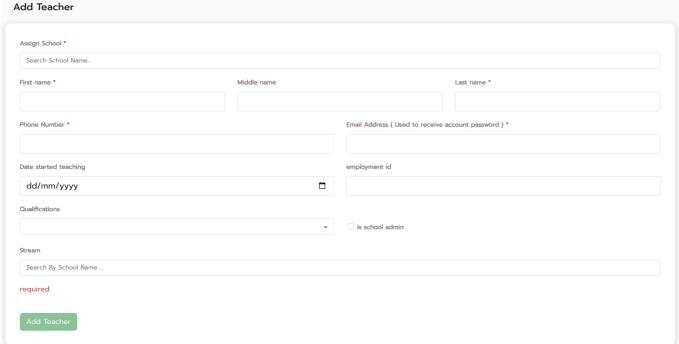
### Teachers



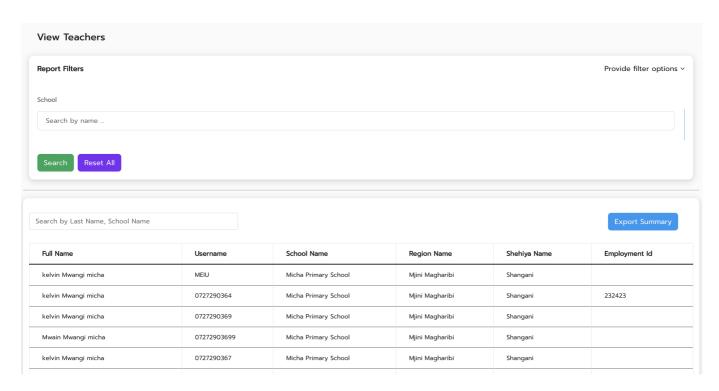
Add details of a new teacher to add them to the Zanzibar dashboard. The details include:-

Item	Required	Description
Assign School	Yes	Search your school name
First Name	Yes	Teacher's first name
Middle Name	No	Teacher's middle name
Last Name	Yes	Teacher's last name

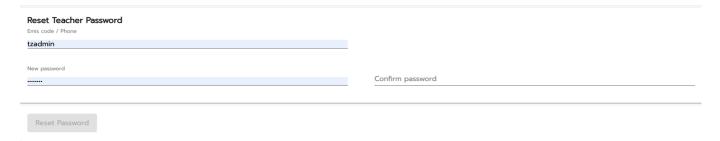
Item	Required	Description
Phone Number	Yes	Teacher's phone number
Email Address	No	Teacher's email address
Date Started Teaching	No	Date Started Teaching
Employment ID	No	Employment ID
Qualitfications	No	University, College Graduate or Not Set
Streams	No	Assign a stream/s to mark attendance
Is School Admin	No	Check to assign teacher role to mark attendance for all classes
Add Teacher		



View teacher details by filtering the teacher's school sub county and searching the teacher's name from the table. This data summary can as well be exported.



Reset a school account password via the teachers section.



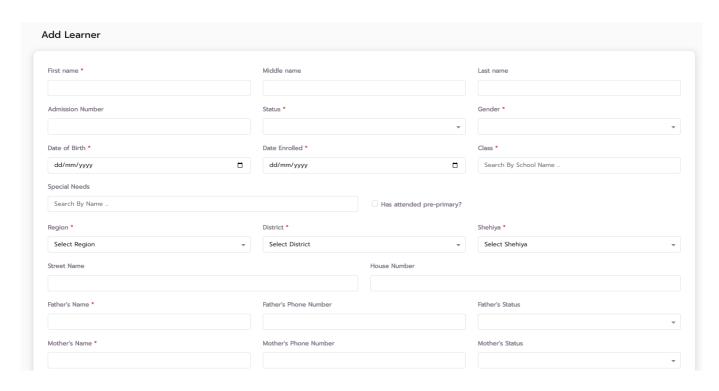
### Learners



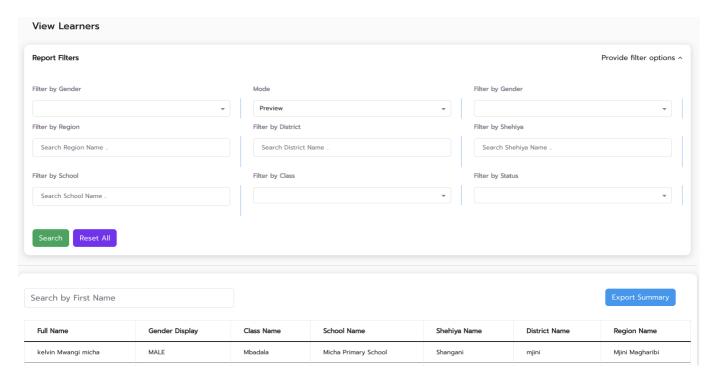
Add details of a new learner to add them to the Zanzibar dashboard. The details include :-

Item	Required	Description
First name	Yes	Learner's first name
Middle Name	No	Learner's middle name
Last Name	No	Learner's last name
Gender	No	Select learner's gender. Between Male or Female
Status	No	Select the learner's status. Either Overage, Never Enrolled or Re Enrolled

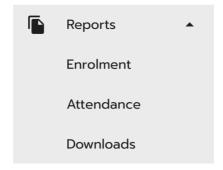
Item	Required	Description
Date of Birth	No	Learner's date of birth
Admission Number	No	Learner's unique admission number
Learner's Region	No	The region the learner originates from
Learner's District	No	The district the learner originates from
Learner's Shehiya	No	The shehiya the learner originates from
Learner's Street Name	No	The street name the learner originates from
Learner's House Number	No	The house number the learner originates from
Learner's special needs	No	Select a special need for a learner with special needs
Has attended pre- primary?	No	Select whether the learner has gained any pre-primary school education
Father name	No	The name of the learner's father
Mother name	No	The name of the learner's mother
Father phone	No	The phone number of the learner's father
Mother phone	No	The phone number of the learner's mother
Father status	No	The status of the learner's father. Either alive or deceased
Mother status	No	The status of the learner's guardian. Either alive or deceased
Do You Live With Your Parents	No	Confirm whether the learner lives with their parent or a guardian. If a guardian, fill in the guardian details below
Guardian name	No	The name of the learner's guardian
Guardian phone	No	The phone number of the learner's guardian



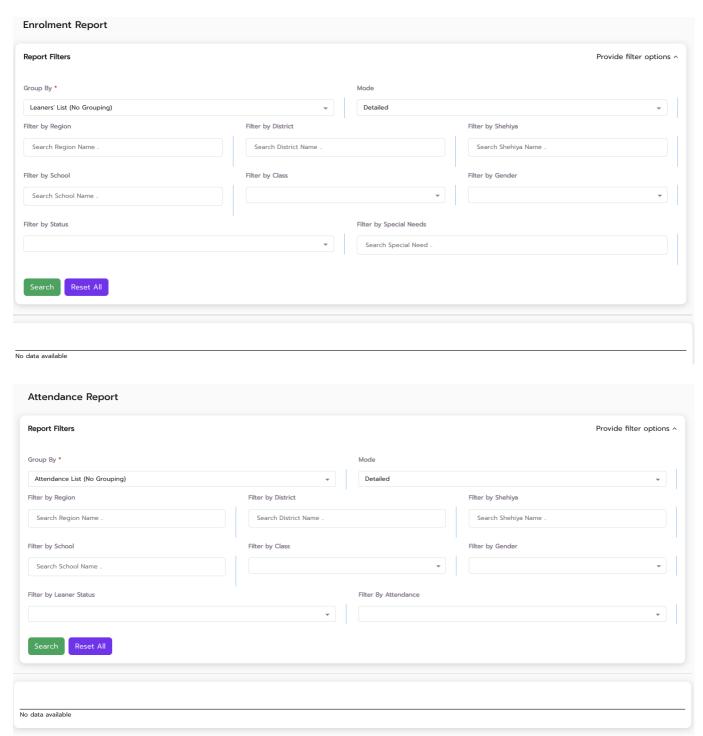
View added learners details filtered and grouped by county, sub county, class, school, age etc.



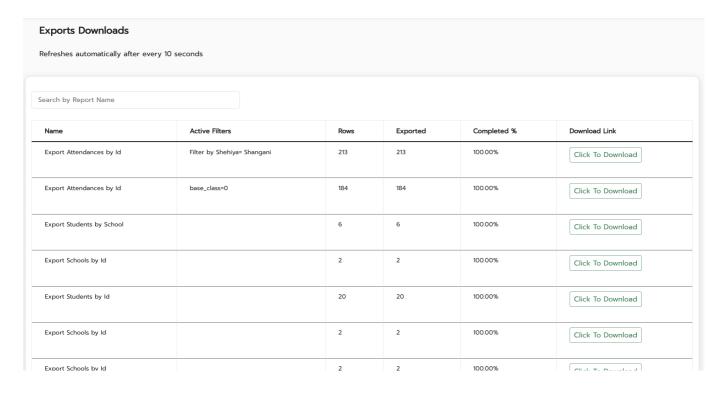
## Reports



Select to view and generate either enrolment or attendance data reports. Filter and group your reports by region, district, shehiya, class, school, age and status. You can also export and download a report summary.



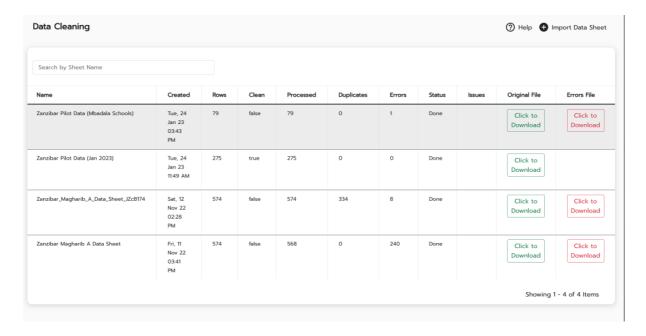
The downloads page shows a list of all previously exported report summaries as well as queued reports. Click the download button to download an excel report summary.

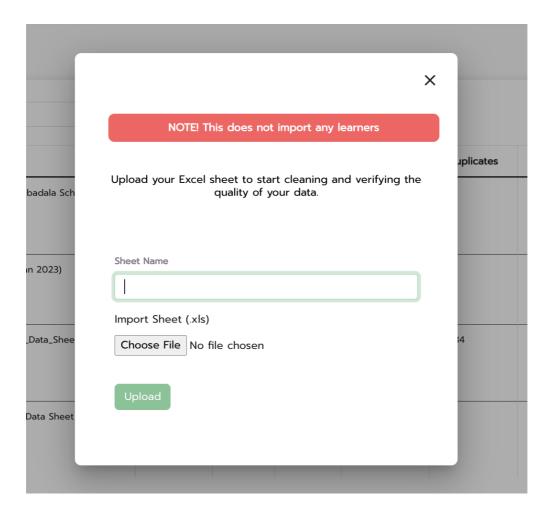


### Imports

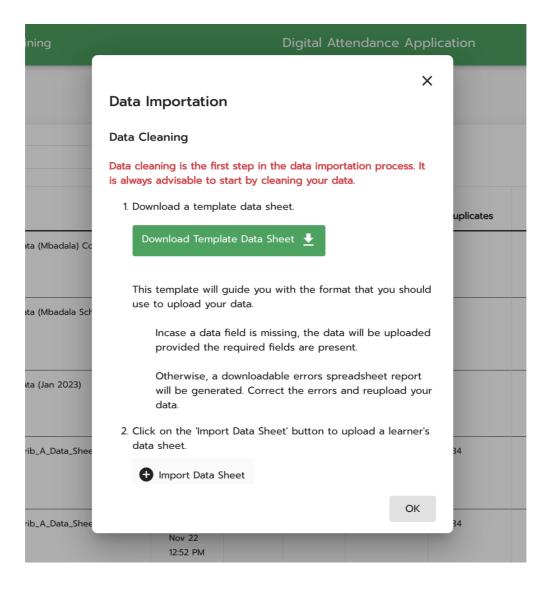


Clean your data before uploading it as an excel sheet. In case of any errors during cleaning, download the errors file and fix the issues. Head to the data importation section and bulk upload a clean excel sheet to the dashboard.

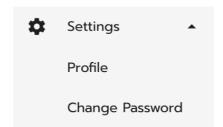




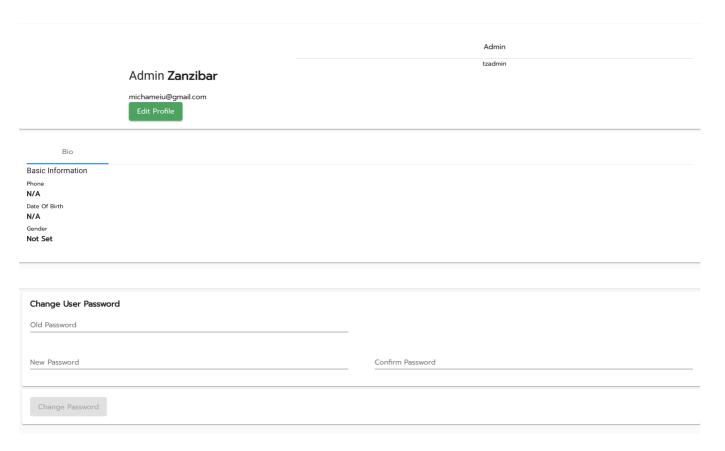
Before importing your data file, make sure it follows the template found in the help section.



### Settings



The profile settings show details of the logged in user and allows the changing of password.

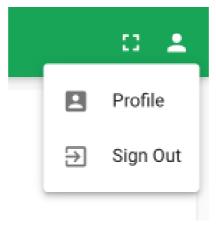


# Full Screen Mode



Use fullscreen mode on the top right of the navigation menu to hide and unhide the toolbar, creating more space to view your data.

# Logout



Logout by clicking on the user icon in the top right of the navigation bar.