



**MATOKEO PLUS SYSTEM**

V1.5 - 2021 Documentation

Product of BMI GROUP

## 1. INTRODUCTION

Matokeo Plus is a software that help educational institutions to easily manage school information (documents, examination's results, attendance records, notes and etc.) and sharing of information between the institution and students, parents/guardian or both by using mobile app or short message service (SMS).

In the past five years Matokeo plus has helped several institutions to easily manage data and communications between institutions and students or parents. Few of those institutions are Pandahill Secondary school (*Songwe*), Hazina International school (*Dar es salaam*), Paradigms college (*Dar es salaam*), Muhimbili University of Health and Allied Sciences - Student Organization (*Dar es salaam*), Bright star nursery school (*Morogoro*) and etc.

We hope that this document will help you to understand the system better and give us a chance to work with you.

## 2. FEATURES

Matokeo plus is using latest technologies and techniques to store and exchange institution's information within campus and even outside the campus by using campus WiFi if available, Mobile app and sms.

Following are features of Matokeo Plus system: -

- **2.1 Fingerprint Based Attendance**

Matokeo plus allows workers' and students' attendance to be collected daily by using Fingerprint whereby parents/students and workers will be able to see their attendance updates on the mobile app as well as receiving monthly attendance updates via sms.

- **2.2 Fingerprint Based Leave request**

Institutions that have strict rules for their boarding students (E.g. boarding secondary school, Religious institutions and etc.), students will be allowed to get out of institution premises and return by using fingerprint and the guardians will receive information regarding this leave.

Also institution workers will use the system to ask for leave as well as confirm their return by using fingerprint.

- **2.3 Store financial records**

Institutional financial records like payroll, fees, student organization financial details, expenditures and etc. will be stored in the system where by students will be able to see how much they the paid amount for the fee and the remained amount.

Also workers will be able to see how much the can be paid basing on their attendance records collected by using their fingerprints.

- **2.4 Automated Fees reminder**

Automated reminders of remained fee, contributions and other financial details will be sent to parents/students after a specific time. This will simplify the task of reminding parents about fees remained and other contributions that have to be paid to the institution.

- **2.5 Sending Examinations Results to student/parents**

Examinations results of students will be sent to parents/students by using sms as well as being available on Matokeo plus Mobile app online platform.

The system is able to do grading of students basing on marks they have scored and institution's grading rules.

- **2.6 Notes sharing**

Sharing of notes across students, class, and the campus will be simplified by using Matokeo plus system since the mobile app will allow students to access notes shared direct from teachers.

Also by using campus WiFi service if available will allow students to access notes by using the portal which will be direct integrated to the campus WiFi and there will be no need of internet to access this portal.

For those who will be using mobile app, they will be able to access the all notes even if they are out of campus.

Notes shared from academic staff will be marked as verified and those shared from students will be marked as tips.

- **2.7 Notifications**

Students/parents and workers will be able to get different notifications from the institution regarding different updates.

These notifications will be able to be sent to all workers and parents/students within short time (Not more than 3minutes to all mobile numbers, not more than 10 seconds to mobile app users).

## OTHER DETAILS

### 3. ACCESSIBILITY

- **Students/Parents**

The platform is accessed to students/parents by using mobile app and sms, whereby they will be able to see attendance details, results, notifications, financial details and other information.

- **Workers/Academic staff**

The platform is accessed to workers and academic staff by using dashboard that will be accessible online. And each worker will be able to access different data basing on roles assigned to him/her.

### 4. SECURITY

Data stored by Matokeo Plus are kept safe by using encryption method which are not easily to be cracked, also user roles limit normal users to access data/information that are to be accessed by super users/admins.

Also all sensitive devices (server and router) will be kept in areas where students and other unauthorized users to access them.

### 5. PLANS

SIMBA PLAN	CHUI PLAN	TWIGA PLAN
<ul style="list-style-type: none"><li>- 1 fingerprint device</li><li>- Core i3 server</li><li>- 500 GB</li><li>- 5000 SMS Annually</li><li>- Partial Hybrid <i>(Only text data will be stored on cloud E.g. results)</i></li><li>- SMS sender title e.g. MUHASSO</li></ul>	<ul style="list-style-type: none"><li>- 2 fingerprint device</li><li>- Core i5 server</li><li>- 500 GB</li><li>- 10000 SMS Annually</li><li>- Full Hybrid <i>(All data will be stored on cloud)</i></li><li>- SMS sender title e.g. MUHASSO</li></ul>	<ul style="list-style-type: none"><li>- 4 fingerprint device</li><li>- Core i7 server</li><li>- 1,024 GB (1TB)</li><li>- 30,000 SMS Annually</li><li>- Full Hybrid <i>(All data will be stored on cloud)</i></li><li>- SMS sender title e.g. MUHASSO</li></ul>
<b>1,900,000 TSH</b>	<b>2,500,000 TSH</b>	<b>3,750,000 TSH</b>

**NB:** All plans includes free maintenance and sms for the first year, after that a client will be paying 1,000,000 as maintenance and sms fee each year. 24/6 Support will be provided to all clients.

## CONTACTS

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