

Padziwe School Management System

INTRODUCTION

Padziwe School Management System (PSMS) is an application which presents a convenient and cost-effective way for teachers and schools to manage their core functions. The application keeps records ranging from students' details to exam results and helps authorized staff as well as parents to access this information.

This application is developed and maintained by Padziwe, a technology company striving to contribute to the efforts of improving education in Africa.

PSMS FEATURES

1) KEEPING IMPORTANT RECORDS

PSMS allows a school to keep important details of its students, classes, teachers, parents, etc. Students and their details are registered in the system. These students are then assigned to their respective classes.

Basic details for parents/guardians are also recorded in PSMS. Each parent/guardian is assigned to a student.

2) EXAM RESULTS

One of the most important tasks which PSMS performance is processing and keeping students' performance for examination. When a teachers finishes marking an examination they can keep the exam results for each student in PSMS. Basing on these results, PSMS then calculates the grade for each student. This calculation is done automatically using pre-defined grading schemes which the school follows.

Once these results are recorded, parents/guardians get an email notification informing that there are new exam results for their child/ward.

Then the parent logs on to the system to see these results. It is important to note that the parent can view the results of ONLY the student(s) they are assigned to, not for everyone else. Parents can then print a school report for these particular results or generate a PDF copy of the same. All this is done within PSMS.

3) KEEPING FEES INFORMATION

PSMS also makes it possible for schools to keep their fees information. It keeps a record of every amount of fees paid from each students and shows the outstanding balance. When a parent logs on to the system, they can view how much fees they have paid for their child/ward and how much is left. This information relates only to the student to which the parent is assigned.

4) NOTIFICATION TO PARENTS ON IMPORTANT ISSUES

Whenever the school issues an update or an announcement that is marked "important", email notifications are sent to the parents so that they can go to the portal and read the announcement

ADVANTAGES OF USING PSMS

- 1) **Saving time and resources:** By automatically calculating the grade of a student basing on pre-defined rules, PSMS saves a lot of time for teachers. This approach also eliminates the likelihood of miscalculation that might arise out of the manual calculation by teachers.

Furthermore, since PSMS presents exam results electronically, the school is saved from the extra work of preparing and manually sending school reports to each parent. In this way precious resources for the school are also saved.

- 2) **Storage of school records is guaranteed:** with PSMS a school is able to keep records for its students, parents, exam results, etc in a secured manner. PSMS is a web based system, meaning that the data is stored on internet servers which avoid the risk of loss to carelessness or common disasters.

At any point in the future the school can conveniently retrieve and access this quickly.

- 3) **Convenience for parents and guardians:** With its email notification feature, PSMS makes it possible for parents and guardians to view their children/ward's results as soon as they are published. This drastically the anxiety parents may have as they wait for exam results to be out.
- 4) **Effective fees information management:** with its fees management component, PSMS makes it quicker for schools which students has fees balances and how much is owed per student.

CONCLUSION

The Padziwe School Management System aims at helping a school save precious resources and time in managing its records as well as delivering exam results to parents. With PSMS crucial processes are automated and the school can dedicate more time to actual teaching.