



ADEMAT 2.7

School Management System

Feature, installation, activation, and usage guide
Current application version: V: 2.8.5
Official website: <https://www.jerambetechnologies.com>

ADEMAT 2.7 is a Windows desktop school management system built for private schools, academies, and educational institutions that need reliable control over students, attendance, billing, payments, reports, staff, messaging, backups, licensing, and updates.

Prepared For	Purpose
School owners, administrators, accountants, head teachers, and teachers	To explain what ADEMAT does, how to install it, activate it, and use it

1. What ADEMAT 2.7 Is

ADEMAT 2.7 is an all-in-one school administration platform for day-to-day school operations. It brings student records, attendance, billing, payments, parent communication, staff management, reports, licensing, backups, and online updates into one controlled desktop application.

The system is designed to reduce manual paperwork, prevent common finance mistakes, provide printable records, and give school leadership a quick view of academic and financial activity.

Main Advantages

- Centralizes important school records in one desktop system.
- Improves fee tracking with billing, payment history, receipts, balances, and debtor reports.
- Supports attendance control, absentee tracking, and parent SMS notification.
- Gives administrators fast dashboard insight into students, gender distribution, term finance, reminders, and records.
- Provides role-based access so each user sees only the areas appropriate for their responsibility.
- Supports online licensing and update delivery through Jerambe Technology infrastructure.

2. Core Features And Capabilities

Area	Capabilities
Student Management	Register students, edit records, import students from Excel, manage class, group, gender, parent details, and special conditions.
Attendance	Mark Present, Absent, or Late; view daily absentees; send automated absentee SMS messages to parents.
Finance	Create term bills, record payments, block overpayments, freeze payment actions when a student has no balance, print receipts, view payment history, and edit/delete payments only through protected admin flow.
Billing	Supports existing student bills, new student bills, tuition/main fee, feeding, special fees, department filtering, class filtering, and academic year/term tracking.
Reports	Student lists, debtor reports, income reports, broadsheets, terminal reports, past records, billing records, salary records, and printable output with school header information.
SBA And Results	Enter class tests, mid-term, home/project, exam marks, totals, grades, remarks, subject position, broadsheet, and terminal report details.
Messaging	Send SMS to individual parents, absentees, all parents, selected classes, departments, and debtors using supported message tags.
Staff And Payroll	Manage staff records, assign classes, enter additions/deductions, pay salaries, generate payslips, and notify staff by SMS.
Dashboard	Quick school overview, live digital clock, finance chart, gender chart, gender-by-class table, academic term weeks, and current week reminders.
Licensing And Updates	Monthly license redemption, online validation, date tampering protection, update checking, download progress, and installer delivery.
Backup	Manual and automatic backup support to a selected synchronized backup folder such as Google Drive Desktop.

3. User Roles And Access Control

Role	Access Summary
Teacher	Attendance Marking and SBA access only, limited to assigned class or classes. Teacher role can access Broadsheet and Terminal Report where allowed.
Head Teacher	Access to most school operations except Billing and Settings.
Admin/Accountant	Access to all head Teacher roles and all tabs.

Security Capabilities

- Passwords are stored using salted PBKDF2-SHA256 hashing.
- New users start with the default password and must change it on first login.
- System Admin can reset a user password when required.
- Three wrong login attempts automatically close the application.
- The login form includes a password visibility toggle for safer entry verification.
- Sensitive payment editing requires System Admin password validation.

4. Finance, Billing, And Receipts

ADEMAT tracks fees by academic year and term, making it possible to separate current balances from past records. The system calculates total bill, amount paid, and balance, then uses those values across payments, reports, dashboard summaries, and SMS messages.

- Payment amounts higher than the outstanding balance are blocked.
- Fully paid students cannot receive another payment for the selected term.
- Saved payments are protected from ordinary editing.
- Receipts include school header, student name, class, total bill, amount paid, paid-for item, balance, processed-by user, receipt number, date, and time.
- Receipts are designed for flexible thermal printer paper sizes.

5. Reports And Academic Output

- Printable student lists for entire school, department, and class.
- Debtor lists with percentage cutoffs and class filtering.
- Daily, weekly, monthly, and term income reports.
- Past records by academic year and term, including payments, class lists, staff information, salary paid records, and billing.
- SBA broadsheet and terminal report generation.
- Terminal reports include academic year, term, next term beginning date, class, total score, class size, position, attendance, promotion class, teacher comments, and remarks.

6. Licensing And Activation

ADEMAT uses a monthly licensing model. After the license period expires, the system requests a redemption code before continuing. License validation is designed to work with the online Jerambe Technology license server.

- 1 Install ADEMAT on the client computer.
- 2 Open the application.
- 3 When the license screen appears, enter the issued 17-character redemption code.
- 4 The application contacts the licensing service and activates the computer for the licensed period.
- 5 When the license is close to expiry, ADEMAT reminds the user before logout.

Official license and update domain: <https://www.jerambetechnologies.com>

Important Licensing Notes

- A redemption code is intended for controlled activation and may be tied to the client computer.
- Internet access is required for online activation and update checking.
- ADEMAT includes date tampering protection to reduce abuse from manual computer date changes.
- If a client has no internet at activation time, the school should contact Jerambe Technology support through the official website.

7. Installation Guide For A Client Computer

Required Files And Tools

- ADEMAT installer, for example ADEMAT_2_8_5_Setup.exe or the latest version provided by Jerambe Technology.
- A Windows computer with administrator permission for installation.
- Internet connection for license activation, online updates, and SMS-dependent features.
- Optional: Google Drive Desktop if the school wants backup files synchronized to Google Drive.
- Optional: Thermal receipt printer for payment receipt printing.

Installation Steps

- 1 Download the latest ADEMAT installer from <https://www.jerambetechnologies.com/downloads/>.
- 2 Right-click the installer and choose Run as administrator if Windows requests permission.
- 3 Follow the setup wizard and keep the default installation location unless the school has a specific IT policy.
- 4 Allow the installer to create the desktop shortcut.
- 5 After installation, open ADEMAT from the desktop icon or Start Menu.
- 6 Activate the software using the redemption code provided by Jerambe Technology.
- 7 Log in with the System Admin account and immediately configure users, school owner information, academic cycle, backup folder, and SMS settings.

8. First-Time Setup Checklist

Step	Action	Reason
1	Open Settings and set academic year, active term, term start date, term end date, and school weeks.	Ensures billing, attendance, dashboard weeks, and reports follow the correct academic cycle.
2	Open Owner Information and enter school name, school address, owner name, owner number, and school logo.	Places the school identity on printable reports and enables owner income notifications.
3	Configure SMS settings with the approved swiftsms API key and sender ID.	Enables payment receipts, absentee alerts, parent messaging, and owner income messages.
4	Create users and assign roles.	Controls access for teachers, head teacher, accountant, and system admin.
5	Create or import students.	Builds the class roster and parent contact database.
6	Create term bills.	Allows accurate payment tracking, balances, receipts, and debtor reports.
7	Select backup settings and test Backup Now.	Confirms data protection before full school use.

9. Daily Use Guide

For Administration

- Use Dashboard to review school population, finance, current reminders, clock, and term week status.
- Use Student Roster to search students, edit records, open payment page, view payment history, send SMS, find duplicates, and manage records.
- Use Add New Student for new admissions or Excel import.
- Use Settings to maintain academic cycle, owner information, reminders, backups, and global configuration.

For Accounts

- Create term bills before receiving fees.
- Select the student on the Financial Payment page.
- Review balance and payment history before saving payment.
- Print the receipt immediately after payment.
- Use reports to print daily, weekly, monthly, term, debtor, and past payment records.

For Teachers

- Mark attendance for assigned classes.
- Enter SBA scores by subject.
- Review broadsheet and terminal report output where access is granted.
- Enter teacher comments for terminal reports.

10. Backups, Updates, And Maintenance

Backups

ADEMAT can back up the school database and important settings into a selected local folder. For cloud protection, install Google Drive Desktop and select a folder inside the Google Drive sync location. The application can then create backup files that Google Drive synchronizes online.

Updates

- ADEMAT checks the online update service for newer versions.
- When an update is available, the user can download and install it through the application.
- The update window shows detailed download progress.
- After successful update installation, the application version changes and future checks should report that ADEMAT is up to date.

Owner Income SMS

- Daily income SMS is scheduled for 2:45 PM.
- If no transaction exists in the daily reporting window, no daily owner SMS is sent.
- Payments after 2:45 PM are carried into the next day income SMS.
- Weekly owner income SMS is scheduled for Friday 1:45 PM.
- Termly owner income SMS is scheduled 7 days before term end at 12:00 PM.

11. Support And Website Information

Item	Details
Official Website	https://www.jerambetechnologies.com
Download Page	https://www.jerambetechnologies.com/downloads/
Product Name	ADEMAT 2.7
Current Application Version	V: 2.8.5
Provider	Jerambe Technology

12. Practical Notes

- Online license activation, update checking, and SMS delivery require internet access.
- Cloud backup depends on the selected sync tool, such as Google Drive Desktop, working correctly on the computer.
- If Windows displays Unknown Publisher during installation, the setup file must be digitally signed with a trusted code signing certificate.
- Local desktop systems should still be protected with Windows user passwords, antivirus protection, and regular external backups.
- Schools should keep the System Admin password private and create separate user accounts for daily work.

For downloads, updates, licensing, and support, use <https://www.jerambetechnologies.com>