

# MASAR System

## Where Field Control Meets GPS Precision & Automated WhatsApp Communication

Smart Operational Control for Modern Schools — bringing discipline, visibility, and automation to daily field operations.



GPS Tracking



WhatsApp API



Automation



Live Dashboard



Safety Logs



Smart Alerts

## 📍 Key Capabilities



### GPS-Based Field Monitoring

Staff with assigned duties are monitored with live GPS location tracker to ensure they perform their responsibilities effectively.



### Automated WhatsApp Communication

Instant, structured communication with parents—keeping them informed without manual effort.



### Streamlined Visitor & Service Flow

Organized handling of visitors and service requests to enhance operational efficiency and professionalism.

## \* Why MASAR

Transforms manual processes into a centralized, intelligent system that improves safety, enhances discipline, and elevates the overall management standard of your institution.

**MASAR System — Precision. Control. Confidence.**

Next-Gen School Intelligence

# MASAR System

Smart Ecosystem for Educational Institutions

Field discipline · Digital attendance · Visitor queue · Safety & maintenance · Student care · Events · Smart bell — unified with real-time WhatsApp automation.



**7**

INTEGRATED MODULES

**100%**

DIGITAL WORKFLOW

**<2s**

WHATSAPP ALERTS

**24/7**

ADMIN ACCESS

⚡ EXPLORE THE MODULES ⚡

📄 Field Discipline

📊 Digital Discipline

🚶 Visitors Path

🛡️ Safety & Maintenance

❤️ Student Care

🏛️ Activities & Events

🔔 Smart Bell & Admin

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# Field Discipline Unit

01

Duties & Administrative Supervision — smart execution & monitoring



## Smart Duties Automation

AI-driven rotation of teachers for morning assembly, break supervision, dismissal. Eliminates conflicts.



## Admin Performance Dashboard

Real-time KPI tracking for supervisors, attendance metrics, and response rates.



## Bus Safety & Supervision

Live GPS tracking, digital logs for bus supervisors, student boarding alerts.



### Smart Duties

Automated distribution of teacher duties for morning assembly, breaks, dismissal.



### Administrative Supervision

Dashboard to track teacher/supervisor assignments and measure performance.



### Bus Supervision System

Monitor bus supervisors, real-time trip control from arrival to departure.



### Smart Linking & Escalation

If duty teacher is late: instant WhatsApp reminder + admin notification.

⚡ instant alert

📞 Automated WhatsApp + admin dashboard — zero delay in supervision coverage.

# Digital Discipline Portal

Attendance, Absence & Leave Management – total transparency

02



## Automated Attendance

RFID / biometric integration captures real-time attendance, lateness, and early dismissal.



## Digital Leave Workflow

Electronic exit permits with approval routing, logged automatically in records.



## WhatsApp Alerts

Parents receive instant notification for lateness, absence, or permit issuance.



## Automated Recording

Real-time attendance tracking via biometric / RFID.



## Digital Leave Management

Complete digital trail for exit permits and approvals.



## WhatsApp Engine

Auto-triggers messages to parents and supervisor for lateness, absence, permits.

🕒 Parents receive real-time updates, guardians sign digitally. Full archive of attendance logs.



## Digital Ticketing

Self check-in kiosk + WhatsApp ticket generation, no physical tokens required.



## Live Queue Tracking

Parents monitor their turn remotely and receive push notifications when service is near.



## Enhanced Experience

Reduce wait time by 60%, eliminate crowding, reflect a modern school image.



## Visitor Organization

Advanced queue management for registration, finance, admin – no crowding.




## Digital Ticket via WhatsApp

On registration system sends queue ticket with turn tracking.



## Professional Branding

Reflects a tech-savvy, respectful environment that boosts school reputation.

 Real-time position updates. Estimated waiting time. Paperless and contact-less.

# Safety & Maintenance Unit

04

Digital logs, preventive rounds & maintenance tracking



## Digital Safety Log

Daily security rounds, fire extinguisher checks, emergency exit inspection with timestamps.



## Maintenance Ticketing

Report faults via web or WhatsApp; auto-assign to technician, track SLA.



## Preventive Scheduler

Auto-generated maintenance plans for HVAC, electrical, and building facilities.



### Safety Digital Log

Monitor daily security rounds, safety equipment checks, emergency exits.




### Maintenance Request Management

Immediate fault reporting and repair tracking across all departments.



### Smart Preventive Maintenance

Automated scheduling of periodic building and facility maintenance.

 Alerts sent to supervisors when equipment check is due, request status updated in real time.



## Confidential Records

Encrypted behavioral and social case files accessible only to authorized specialists.



## Parent Communication Hub

WhatsApp messages for exemplary behavior celebration or collaborative support.



## Psychology Dashboards

Aggregated reports on social/emotional trends to support proactive decisions.



## Behavioral Record

Encrypted documentation of behavioral & social cases with privacy.



## Educational Communication

WhatsApp updates on exemplary behavior or educational challenges.



## Analytical Reports

Periodic reports on students' social/psychological condition.

♥ Two-way respectful communication: parent engagement and progress tracking.



## Trip Orchestrator

Plan museum visits, science expeditions with built-in emergency contacts.



## Digital Consent & Approval

Parents receive event details and sign digitally via WhatsApp; auto confirmation.



## One-Click Lists

Generate student participant lists, dietary restrictions, medical info instantly.



## Visit Management

Complete organization for museum trips, scientific visits, internal events.




## Electronic Approvals

Send activity details + approval link via WhatsApp; parents sign electronically.



## Smart Lists

Generate participant lists with emergency contact data in one click.

 Parents instantly confirm attendance, digital consent eliminates paperwork.

# Admin Supervision & Smart Bell System

07

Automated scheduling + absence coordination



## Intelligent Bell Scheduler

Customizable bell tones for periods, breaks, and emergency drills; fully automated.



## Substitute Automation

Teacher absence triggers WhatsApp to admin and finds available substitute automatically.



## Centralized Calendar

Manage class rotations, staff duty, and events from one dashboard.



## Electronic Bell Scheduler

Automatic scheduling of classes and events with custom tones.



## Automated Coordination for Absences

WhatsApp alert to admin for substitute assignment.



## Centralized Control

Modify bell patterns from dashboard, sync with duty schedules.

⚡ "No-show" detection: if no substitute assigned, notifies deputy principal – zero disruption.

# Empower Your **School** with **MASAR Ecosystem**

Fully integrated modules covering discipline, safety, attendance, events, and smart communication – all powered by real-time WhatsApp engine.



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MASAR — engineered for institutional excellence · Since 2013  
Serving educational leaders across Saudi Arabia & Switzerland