ABOUT AGES FLEET MANAGEMENT SYSTEM

❖ **Maximize Vehicle Utilization –** Reduce idle vehicles and improve asset productivity

❖ **Reduce Operational Costs –** Optimize routes, fuel and maintenance expenses

❖ **Ensure Compliance & Safety –** Track vehicle permits, insurance and driver certifications

❖ **Streamline Booking & Trip Management –** Centralized booking, allocation and approval workflows

❖ **Accurate Billing & Cost Tracking –** Automated trip cost calculation and expense management

❖ **Enhanced Reporting & Analytics –** Real-time dashboards and performance reports

❖ **Support Corporate Governance & Auditability –** Role-based access, full audit trail

❖ **Improve Customer Service & SLA Adherence –** On-time deliveries, standardized reporting

❖ **Scalable & Future-ready –** Multi-branch operations, expandable modules

S | **SAFETY** & COMPLIANCE TRACKING

M | **MAINTENANCE** & FUEL OPTIMIZATION

A | **ALLOCATION** & TRIP SCHEDULING

R | **ROUTE** & EXPENSE ANALYTICS

T | **TRANSPORT OPERATIONS** & DELIVERY MANAGEMENT

WHY CHOOSE AgES FLEET MANAGEMENT SYSTEM ?

CORE MODULES

- MASTER DATA SETUP
- ROUTE & DISTANCE MANAGEMENT
- BOOKING & ALLOCATION MODULE
- TRIP PLANNING & ALLOCATION MODULE
- TRIP EXECUTION & MONITORING
- MAINTENANCE & WORKSHOP MODULE
- COMPLIANCE & SAFETY MODULE
- BILLING & FINANCE
- REPORTING & ANALYTICS

MASTER DATA SETUP

A centralized platform that digitizes JMB (Joint Management Body) operations and fee configurations to ensure smooth property governance, transparent cost allocation and hassle-free tenant management.

🏛 Location & Organization Master

- **State/District/Taluk/City Master** - Establish and maintain a structured geographical hierarchy to support operational planning, reporting and resource allocation.

- **Region/Area/Zone Master** - Define operational territories for optimized fleet deployment and management; support reporting by regions and ensure proper branch coverage.

- **Branch/Depot Master** - Manage branch and depot data for logistics, fleet operations, reporting.

🚚 Fleet Master

- **Vehicle Type Master** - Defines and standardizes vehicle categories with capacity ranges, fuel compatibility, usage type and operational attributes.

- **Vehicle Master** - Maintains complete vehicle lifecycle details including registration, model, insurance/compliance documents, GPS link, capacity, ownership type and operational status.

- **Fuel Type Master** - Standardizes approved fuel categories (Diesel, Petrol, EV, Hybrid, CNG, LPG, LNG) with emission compliance rules and mapping to vehicle types for cost control & reporting.

MASTER DATA SETUP

💰 Rate & Contract Master

- **Rate / Contract Master** - **Used to configure and maintain approved rate structures covering route-based rates, local trip rates, per kilometer rate slabs, additional extra-hour rates and idle-time charge rules for internal costing, vendor billing and operational settlements.**

👨‍🔧 Driver & Workforce Master

- **Vehicle Type Master** - **Used to define and standardize vehicle classification categories including capacity ranges (seating/load), fuel compatibility, usage type (passenger/commercial/special purpose) and operational attributes.**

- **Driver Master** - **Captures and maintains complete driver profile including personal data, driving license number, expiry, experience records, medical fitness certification, background verification results and compliance validity to ensure safe and legal operations.**

- **Other Employee Master** - **Records details of branch-level employees working in support roles (administration, supervisors, dispatchers, storekeepers, security, service coordinators) including contact, role, information, shift pattern and branch assignment for workforce planning.**

MASTER DATA SETUP

⚒ Maintenance & Inventory Master

- ✓ **Spare Parts Master**

  - ▪ **Defines and manages spare parts with unique SKU codes and specifications.**

  - ▪ **Maintains vendor link reorder rules and consumption tracking for maintenance operations.**

- ✓ **Tyre Serial Master**

  - ▪ **Tracks tyres with unique serial numbers including installation history and rotation movement.**

  - ▪ **Monitors mileage usage service events warranty details and retirement status for lifecycle cost analysis.**

- ✓ **Service Type Master**

  - ▪ **Standardizes preventive and corrective service categories with scheduled maintenance types and task frequency rules.**

  - ▪ **Maps service compliance to vehicle type ensuring timely maintenance and operational reliability.**

🗺 ROUTE & DISTANCE MANAGEMENT

- **Route Master** - Defines primary route information by mapping source-to-destination (From → To), supporting consistent operational reference, planning and reporting.

- **Route Distance Setup** - Maintains standard approved distance (KM value) for defined routes to ensure consistency in costing, fuel planning and billing calculations.

- **Alternate Route Setup** - Configures alternate route options used during blocked roads, seasonal restrictions, or operational breakdown scenarios including valid route periods or conditions.

- **Local Distance Slab Setup** - Establishes predefined zone-based distance slabs for intra-city or short-distance trips to support quick billing, operational allocation and compliance with local routing models.

🚦 BOOKING & ALLOCATION MODULE

- **Vehicle Booking (Route / Local)** - Allows department users or customers to submit transport requests by selecting trip category (local or route), required vehicle type, expected load/passenger details, pickup/drop location and required schedule.

- **Booking Approval** - Enables authorized personnel to verify transport request validate necessity check availability and approve or reject with justification.

🚐 TRIP PLANNING & ALLOCATION MODULE

- **Trip Planning** - Creates a trip sheet with estimated KM expenses fuel route instructions.

- **Vehicle Allocation** - Selects the most suitable vehicle based on capacity availability compliance.

- **Driver Allocation** - Assigns qualified drivers after checking license duty hours fitness restrictions.

- **Trip Sheet Update** - Allows updating vehicle driver or route before departure if required.

- **Trip Pre-Start Checklist** - Ensures vehicle safety by validating documents tools tyres fuel odometer.

🚛 TRIP EXECUTION & MONITORING

- **Start Trip** - Records trip start with timestamp odometer reading fuel information accurately.

- **Live Trip Monitoring** - Provides real-time GPS tracking with alerts for deviations and idling.

- **Fuel Entry During Trip** - Logs fuel refill details with litres rate vendor receipt upload instantly.

- **Expense Entry** - Allows recording of tolls, parking, halting & food charges with supporting documents.

- **Breakdown / Replacement Management** - Captures breakdown and triggers workshop action
  with vehicle reallocation workflow.

- **Trip Closure** - Finalizes trip with closing odometer fuel reconciliation document submission approval.

🛠 MAINTENANCE & WORKSHOP MODULE

- **Preventive Maintenance Scheduler -** Ensures proactive servicing based on mileage, engine hours, or calendar dates to prevent breakdowns, with automated reminders, prioritization and notifications to fleet and workshop teams.

- **Maintenance Job Card -** Acts as an official maintenance work-order for preventive or breakdown service, allowing assignment to internal/external workshop, capturing labour/parts details and comparing estimated vs actual costs.

- **Spare Parts Issue Register -** Controls inventory usage by recording parts issued to maintenance jobs, automatically deducting stock, tracking warranty parts and updating service cost.

- **Tyre & Battery Movement Log -** Maintains complete lifecycle tracking for tyres and batteries including installation, rotation, removal and warranty claim history to analyse cost per KM and usage patterns.

- **Maintenance Execution & Inspection Sheet -** Captures performed maintenance activities with checklist compliance, photos, readings and remarks to ensure service transparency and quality verification.

- **Workshop Invoice & Cost Closure -** Finalizes the maintenance cycle by recording vendor invoices, taxes and supporting documents while validating estimate vs actual spend for financial accuracy.

- **Warranty & AMC Claim Register -** Records warranty and annual maintenance contract claims to minimize repair expenses, track approval stages and attach settlement documentation.

- **Asset Health Dashboard -** Shows real-time fleet maintenance status with overdue services cost trends breakdown frequency and spare usage insights for better decisions.

COMPLIANCE & SAFETY MODULE

- **Document Expiry & Compliance Tracker** - Tracks critical document expiries such as Insurance, Fitness Certificate, Registration, Pollution, Road Permit, and Contract papers with automated reminders, escalation alerts and renewal tracking to avoid penalties and operational disruption.

- **Driver Training & Certification Compliance** - Ensures drivers meet mandatory safety and compliance requirements by recording training programs, medical fitness tests, background checks, and certification renewals with reminder notifications and audit history.

- **Incident & Accident Reporting Log** - Enables structured reporting of accidents, breakdowns, and safety incidents with photos, GPS location, supporting documents, insurance claim details, root-cause analysis and corrective actions to strengthen safety governance.

FINANCE & BILLING MODULE

- **Trip Settlement Screen** – Captures full trip expenses (fuel, tolls, allowances, maintenance, etc.) to finalize cost per trip and compare planned vs actual spending.

- **Customer Billing** – Generates invoices based on trip type (route/local/km/hour), rate contracts, surcharges, waiting charges, and taxes with invoice download and billing history.

- **Expense Approval Screen** – Validates and approves expense claims (fuel, tolls, repairs, meals, allowances) with workflow approval and audit tracking.

REPORTS & ANALYTICS DASHBOARD

- **Trip Reports** - **Provides visibility into trip history, operational timelines, mileage performance and planned vs actual cost comparison to analyze route profitability and operational efficiency.**

- **Fuel Reports** - **Tracks fuel consumption trends, fuel economy, refueling patterns, and cost spikes to identify leakage, misuse, or poor mileage performance.**

- **Vehicle Reports** - **Monitors asset utilization, idle time, movement efficiency, overuse/underuse trends and availability status to maximize fleet return on investment.**

- **Driver Reports** - **Evaluates driver behavior, punctuality, delays, violations (overspeeding, harsh braking) and performance ratings to support safety, compliance, and reward programs.**

- **Maintenance Reports** -**Summarizes preventive maintenance schedules, upcoming service reminders, workshop jobs and cost breakdowns to reduce breakdowns and extend vehicle life cycle.**

Thanks!

Do you have any questions? Feel free to contact us, we are waiting !

dhina@agaraminfotech.com

+91 9884950679

jeevanand@agaraminfotech.com

+91 9790959253

benjaminjebadoss.y@agaraminfotech.com

+91 7502549930

ramakrishna@agaraminfotech.com

+60 19-230-7184

sunthereson@agaraminfotech.com

+60 12-224-6044

lingash@agaraminfotech.com

+60 17-318 2515

INDIA OFFICE
2-6, Indhira Complex, Nesapakkam,
Chennai, Tamil Nadu, India
Pin code: 600 078

MALAYSIA OFFICE
504-S, Jalan Kelapa, Pandamaran,
42000 Port Klang, Selangor,
Malaysia