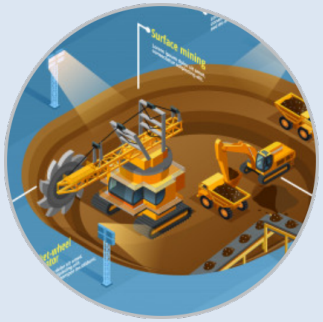
SOW
SENSE OF WHEELS
GIVING SENSE TO YOUR FLEET

(SoW-CSS)
Cyber Security Solutions

(SoW-FM)
Fleet Management



(SoW-MPMS)
Mining Production
Management System

Ghana Partner:
Hadley Technologies
CONSULTING | INTEGRATION | INNOVATION

TSL
TECH SCOUT LABS
Tech I IOT I Cyber Security

DR Congo Partner:
mes
Mining Engineering Services

Powered by:
MOBA
MOBILE AUTOMATION

Introduction

(SoW-MPMS)

Mining Production Management System

SoW Mining Web and App Platform is designed to carry out daily mining operations with **transparency & control**. It brings all key persons and communications to a **single platform** that helps the organization to better manage the daily tasks and improve the overall efficiency and productivity. **It is fully customizable as per your business needs.**

Mining Engineering Services

TECH SCOUT LABS
Tech I IOT I Cyber Security

FEATURES

- Multiple Dashboards
- Trip Management
- Roster Driven Allocation
- Maintenance Management
- Stores
- Notification & Alerts
- ERP Integration
- & many more…

PROJECT DASHBOARD

A smart dashboard that shows you the complete production overview (Live / Date selectable).

Mining Engineering Services

TECH SCOUT LABS
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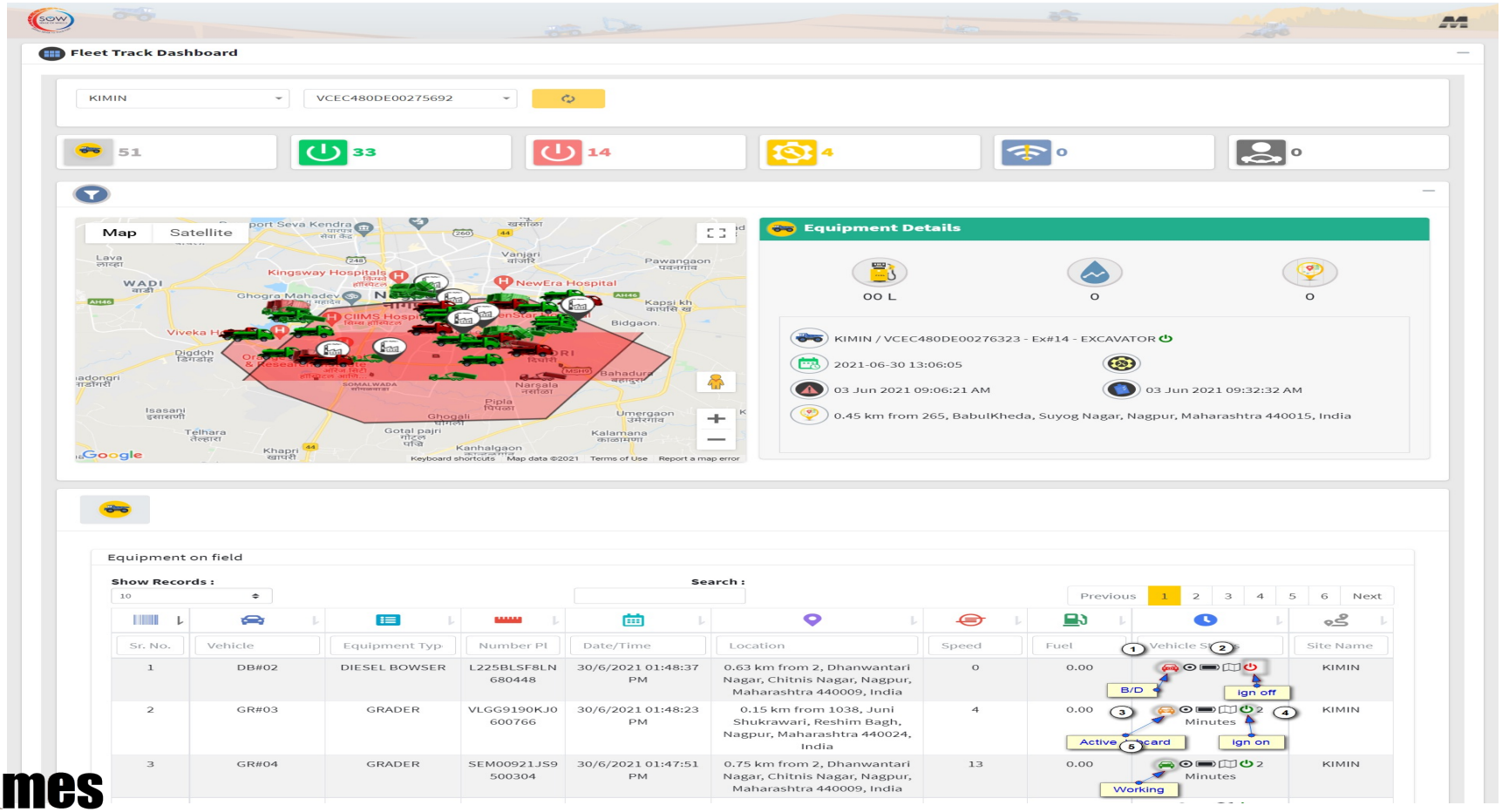
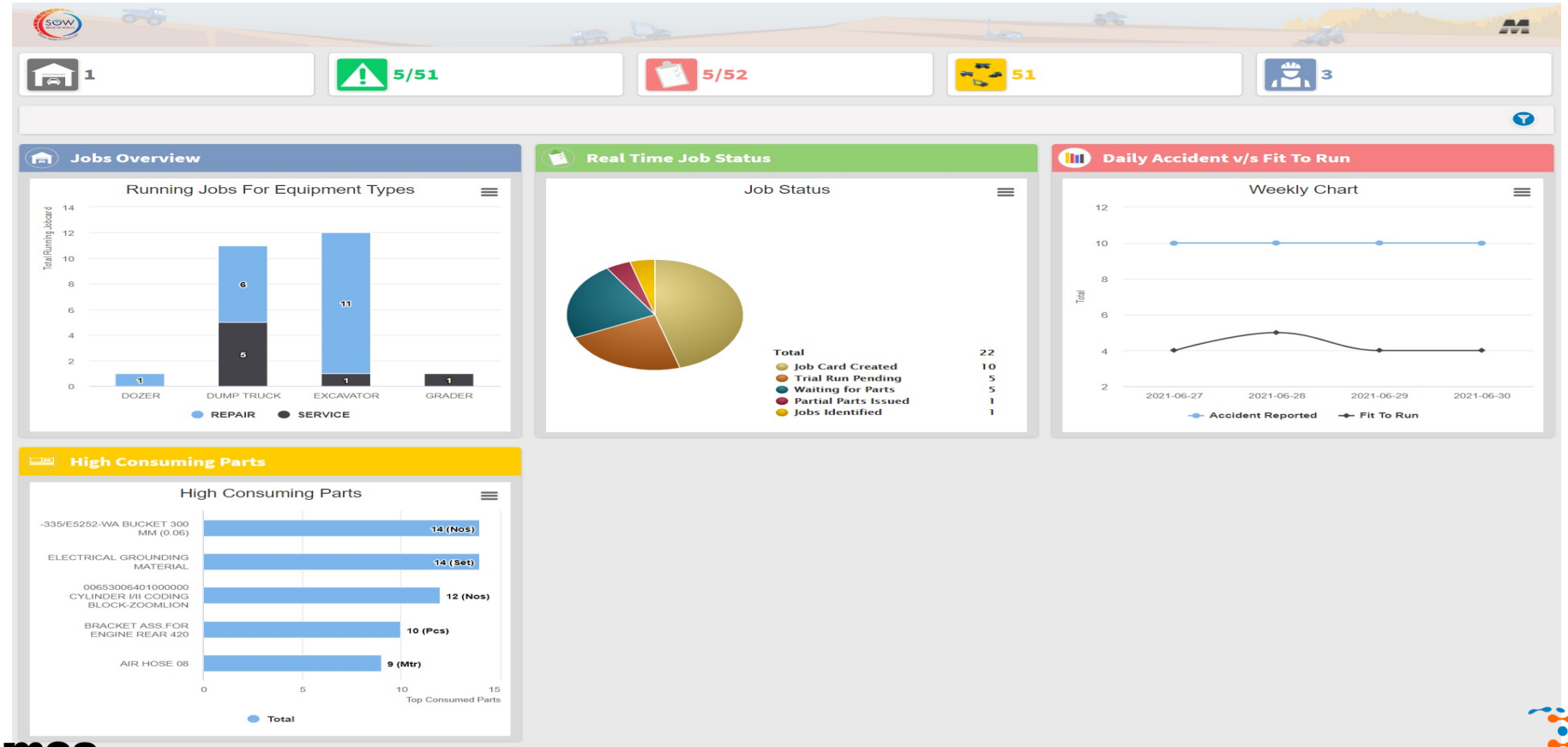
PROJECT DASHBOARD

Real Time / Back dated shift efficiency and utilization snapshot



PROJECT DASHBOARD

Garage Overview



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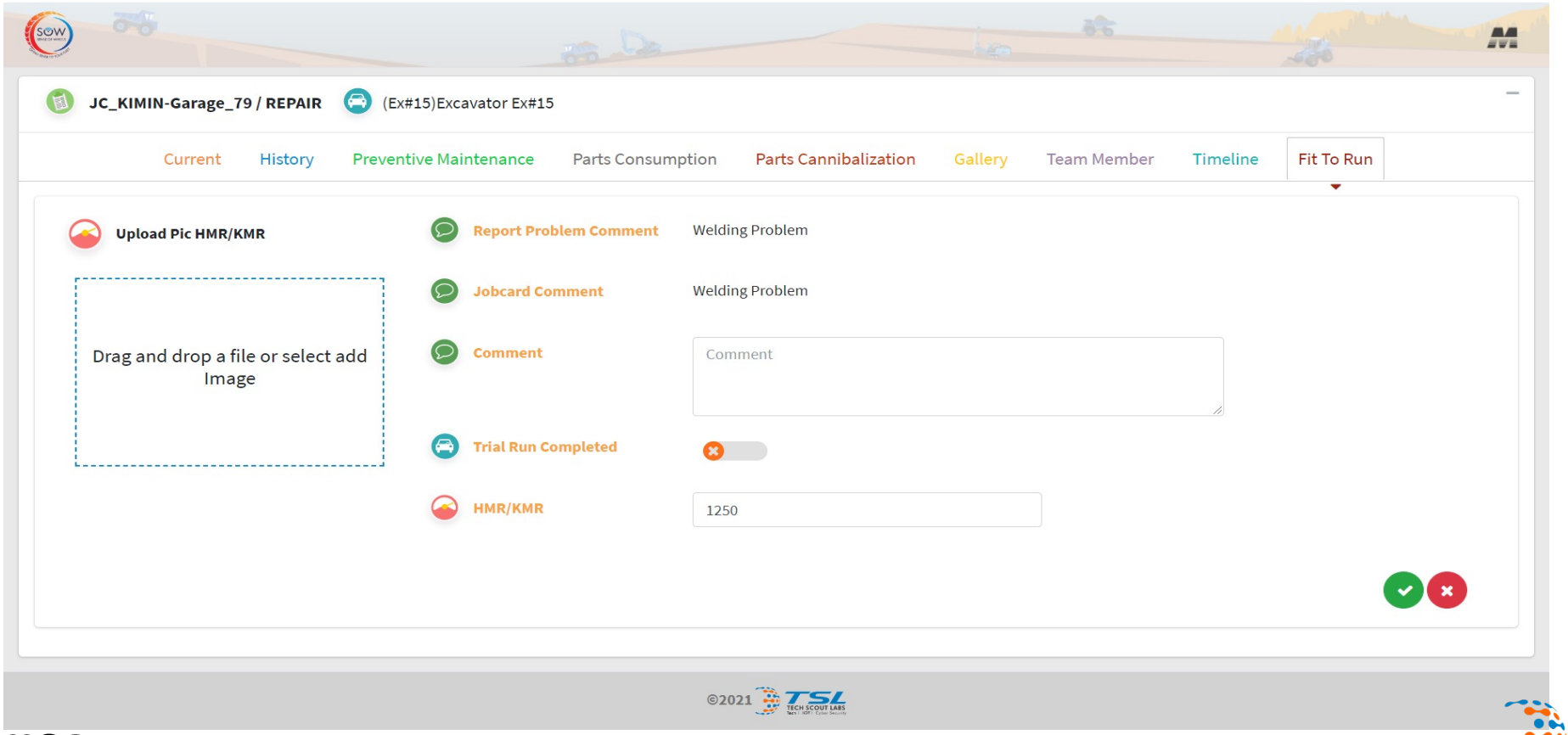
PROJECT DASHBOARD

Job Card



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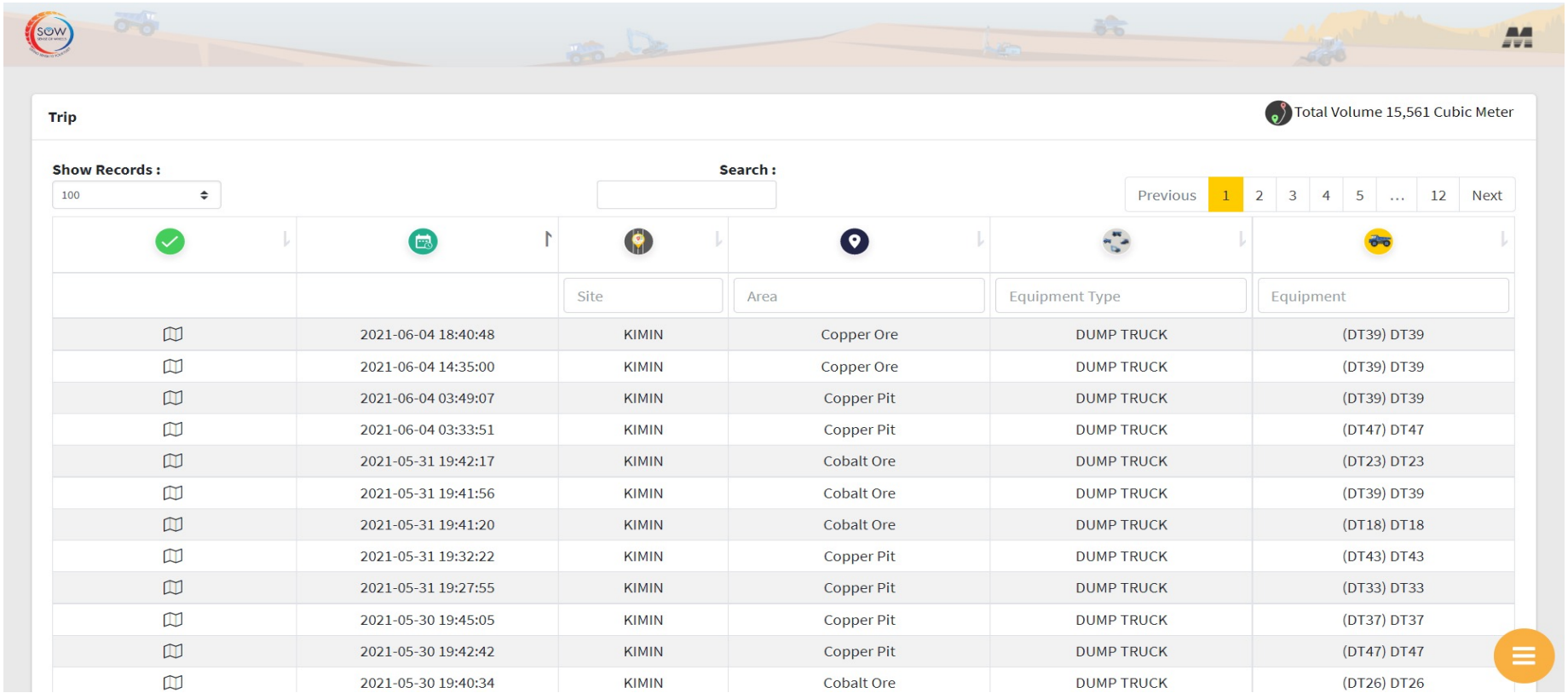
PROJECT DASHBOARD

Trip Monitoring & Performance



Trip

Total Volume 15,561 Cubic Meter

Show Records : 100

Search :

Previous 1 2 3 4 5 ... 12 Next

		Site	Area	Equipment Type	Equipment
	2021-06-04 18:40:48	KIMIN	Copper Ore	DUMP TRUCK	(DT39) DT39
	2021-06-04 14:35:00	KIMIN	Copper Ore	DUMP TRUCK	(DT39) DT39
	2021-06-04 03:49:07	KIMIN	Copper Pit	DUMP TRUCK	(DT39) DT39
	2021-06-04 03:33:51	KIMIN	Copper Pit	DUMP TRUCK	(DT47) DT47
	2021-05-31 19:42:17	KIMIN	Cobalt Ore	DUMP TRUCK	(DT23) DT23
	2021-05-31 19:41:56	KIMIN	Cobalt Ore	DUMP TRUCK	(DT39) DT39
	2021-05-31 19:41:20	KIMIN	Cobalt Ore	DUMP TRUCK	(DT18) DT18
	2021-05-31 19:32:22	KIMIN	Copper Pit	DUMP TRUCK	(DT43) DT43
	2021-05-31 19:27:55	KIMIN	Copper Pit	DUMP TRUCK	(DT33) DT33
	2021-05-30 19:45:05	KIMIN	Copper Pit	DUMP TRUCK	(DT37) DT37
	2021-05-30 19:42:42	KIMIN	Copper Pit	DUMP TRUCK	(DT47) DT47
	2021-05-30 19:40:34	KIMIN	Cobalt Ore	DUMP TRUCK	(DT26) DT26

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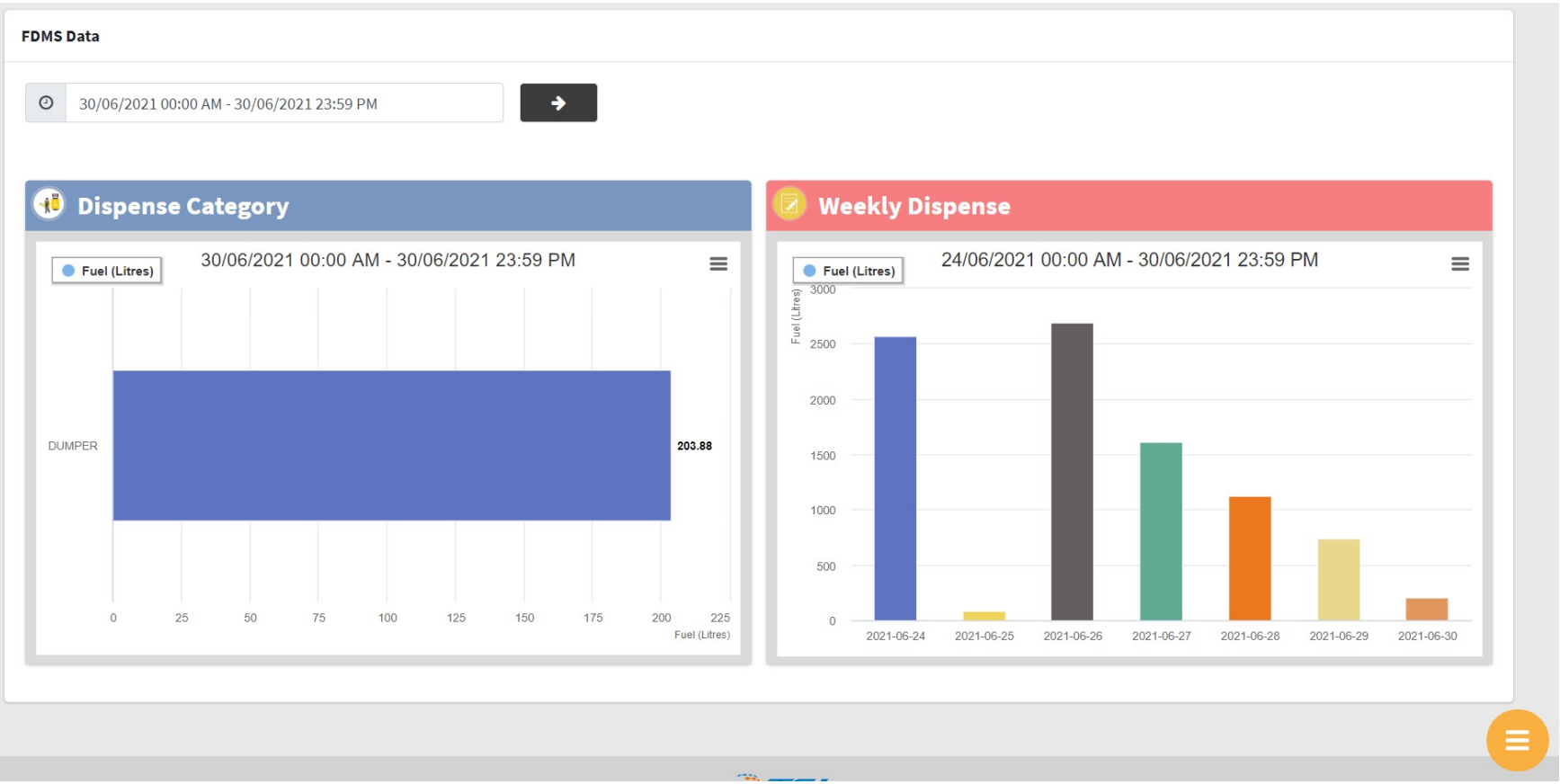
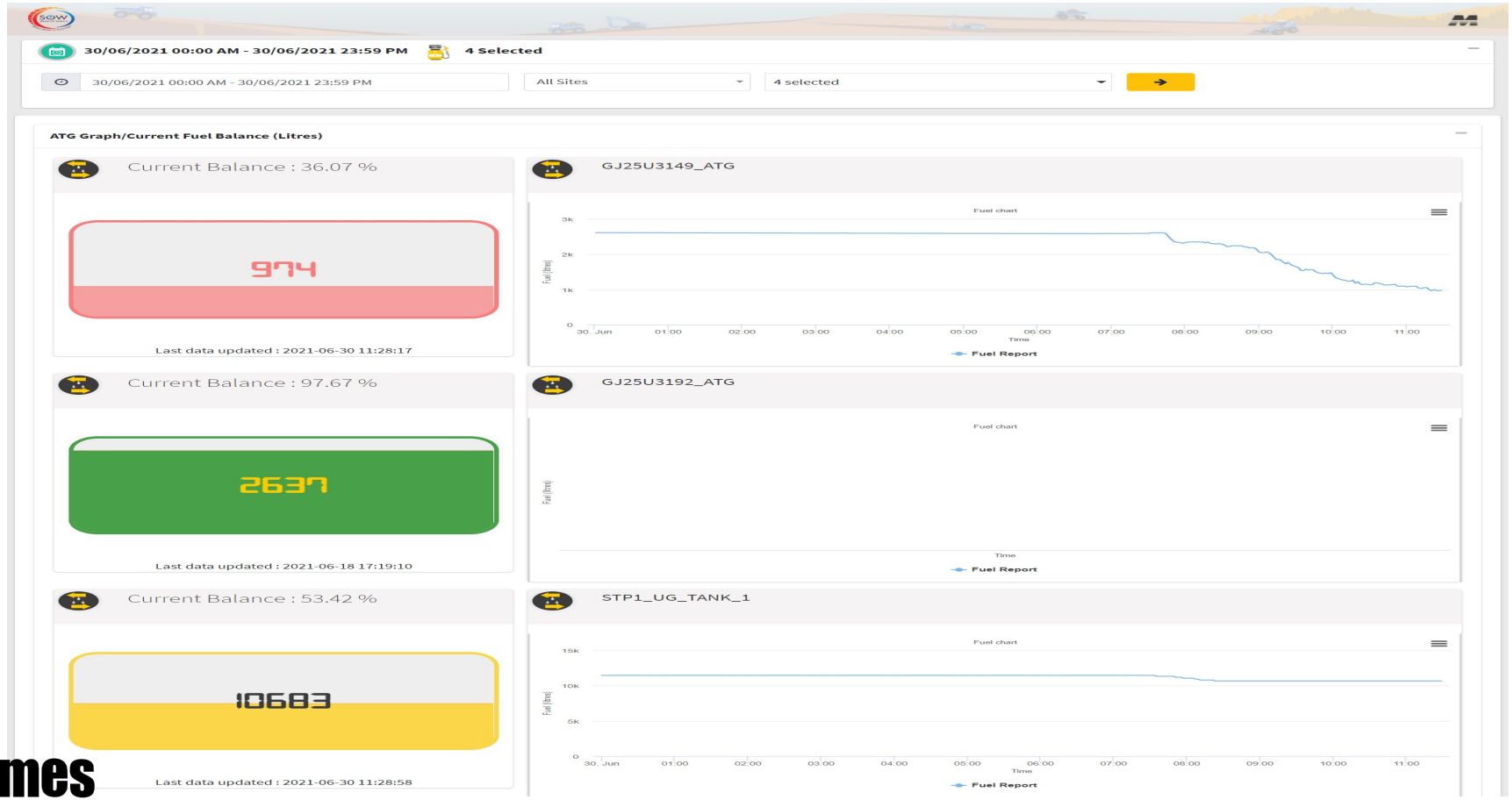
PROJECT DASHBOARD

Fuel Dispense Overview



PROJECT DASHBOARD

Fuel Tank Balance



Mining Engineering Services

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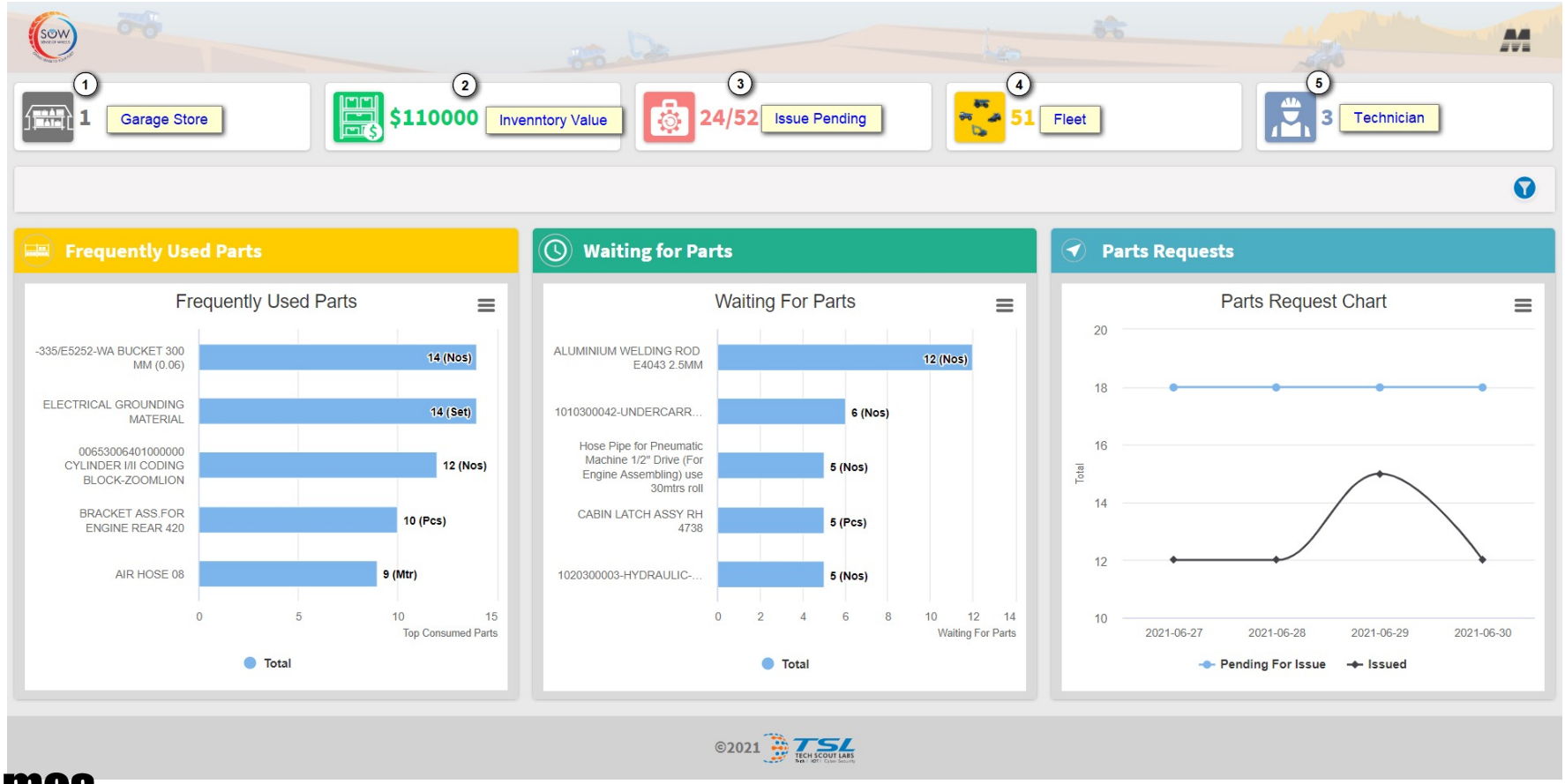
PROJECT DASHBOARD

Garage Store Dashboard



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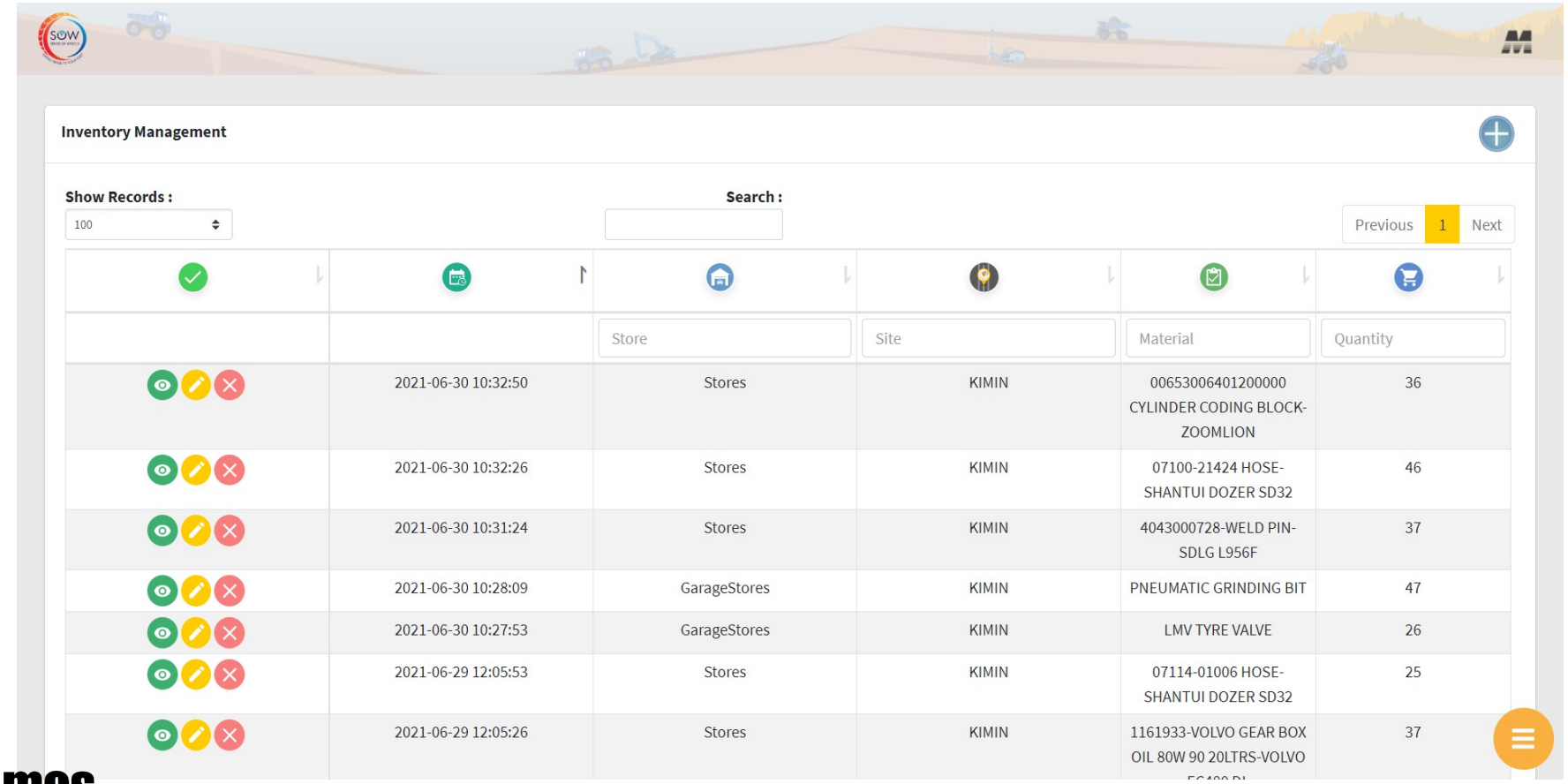
PROJECT DASHBOARD

Garage Store Inventory Overview



Inventory Management

Show Records : 100

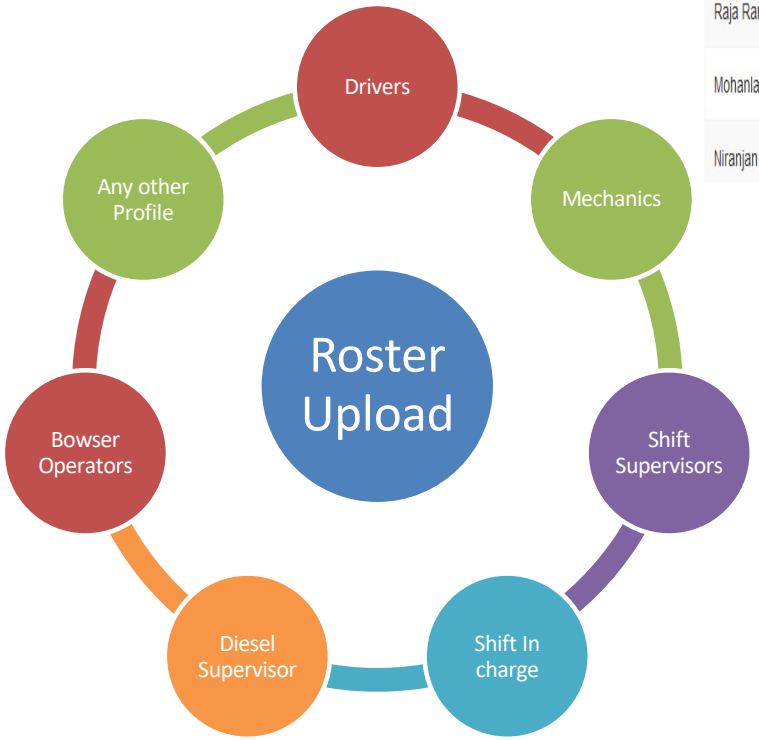
Search :

Previous 1 Next

		Store	Site	Material	Quantity
	2021-06-30 10:32:50	Stores	KIMIN	00653006401200000 CYLINDER CODING BLOCK-ZOOMLION	36
	2021-06-30 10:32:26	Stores	KIMIN	07100-21424 HOSE-SHANTUI DOZER SD32	46
	2021-06-30 10:31:24	Stores	KIMIN	4043000728-WELD PIN-SDLG L956F	37
	2021-06-30 10:28:09	GarageStores	KIMIN	PNEUMATIC GRINDING BIT	47
	2021-06-30 10:27:53	GarageStores	KIMIN	LMV TYRE VALVE	26
	2021-06-29 12:05:53	Stores	KIMIN	07114-01006 HOSE-SHANTUI DOZER SD32	25
	2021-06-29 12:05:26	Stores	KIMIN	1161933-VOLVO GEAR BOX OIL 80W 90 20LTRS-VOLVO	37

WORK ALLOCATION

Roster driven work allocation

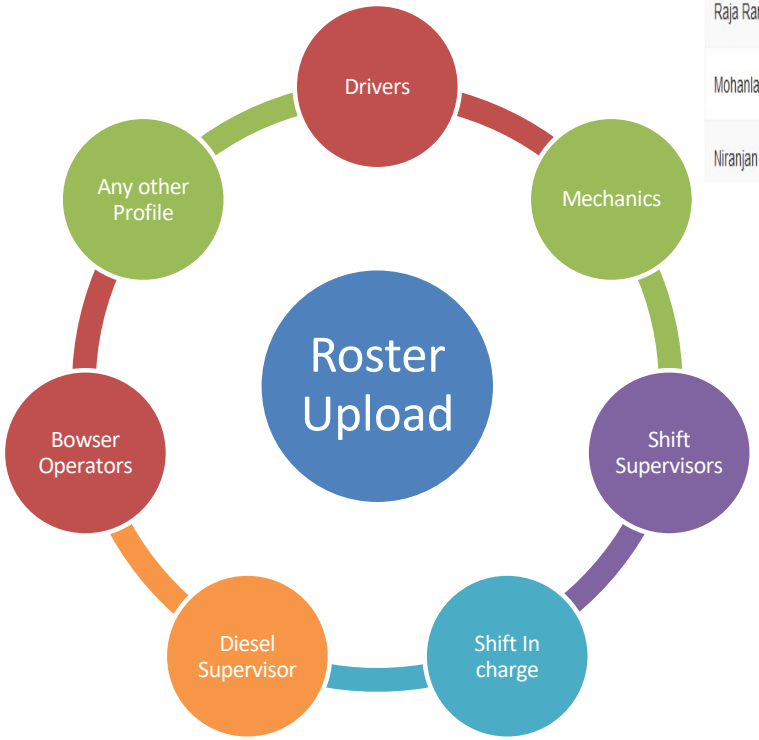


Pilot	Pilot code	Mobile Number	Door Number	Vehicle Number	Profile Type	Month	Day 1	Day 2	Day 3	Day 4	Day 5
Raja Ram Jangade	18064	7828396807	EX04	EXC18098	Excavator	Jan-2021	B	R	A	A	A
Mohanlal Kol	17358	9098915189	VD173	DMP14390	Dumper	Jan-2021	B	B	A	A	R
Niranjan Kumar	18215	6264210076	VD142	DMP18752	Dumper	Jan-2021	B	B	A	R	A

Above snapshot shows roster allocation of drivers for the given month

WORK ALLOCATION

Roster driven work allocation



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Niranjan Kumar	18215	6264210076	VD142	DMP18752	Dumper	Jan-2021	B	B	A	R	A

Above snapshot shows roster allocation of drivers for the given month

MAINTENANCE MANAGEMENT

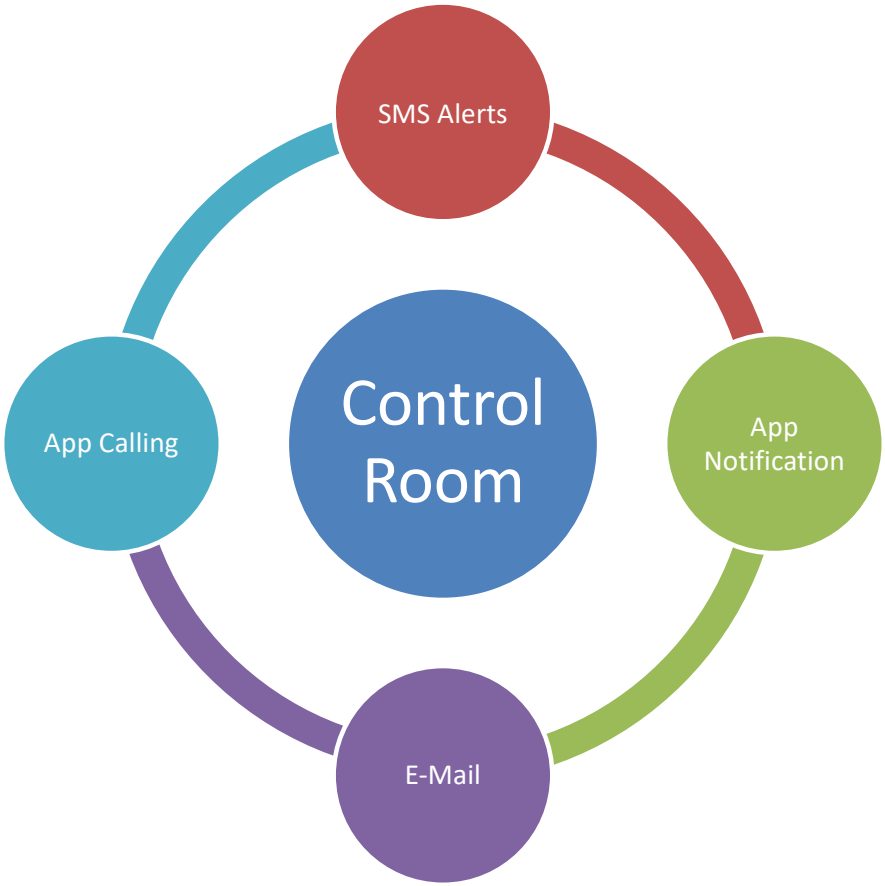
Maintenance Features

STORE MANAGEMENT

Store Features

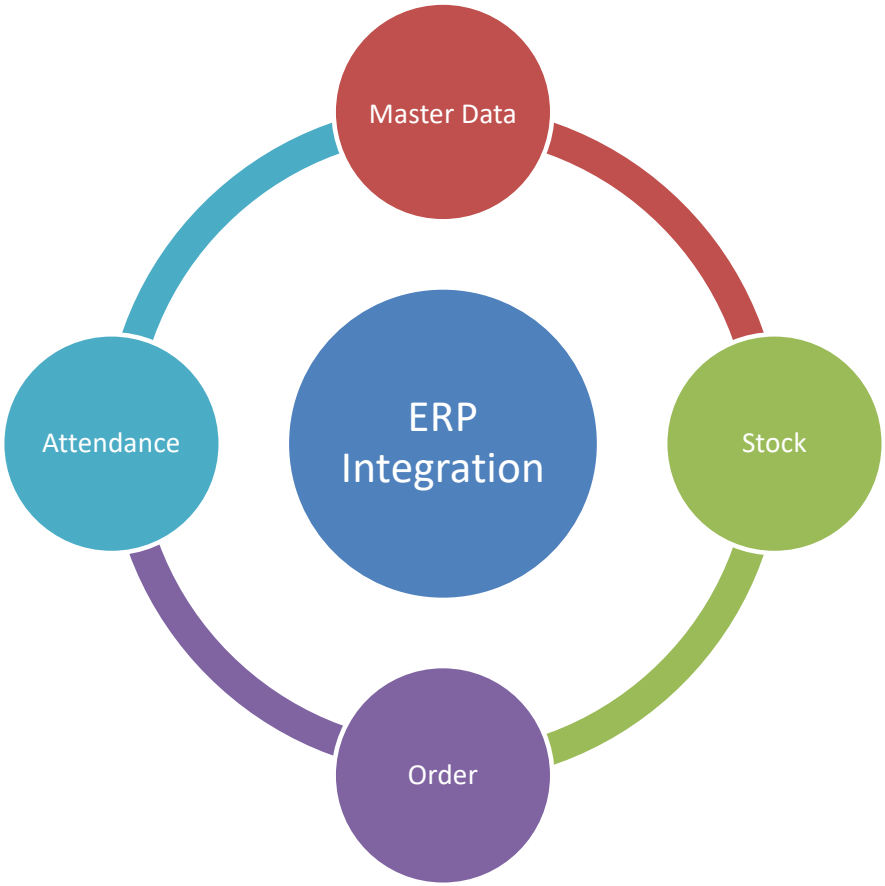
NOTIFICATION & ALERTS

Notification & Alerts



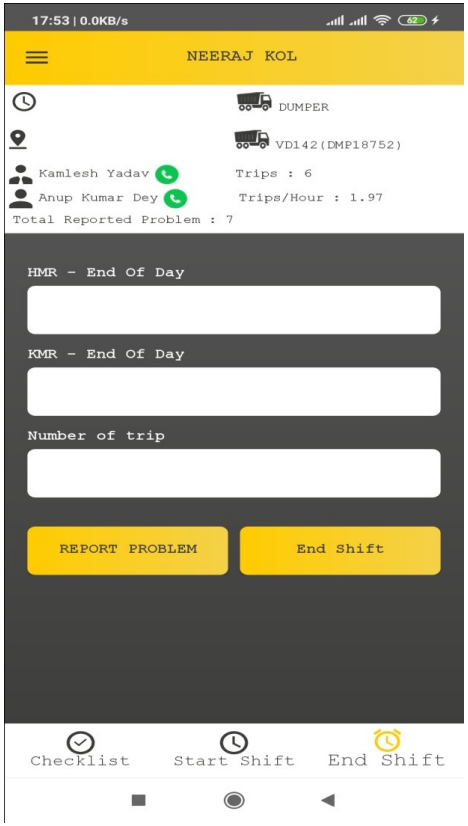
ERP INTEGRATION

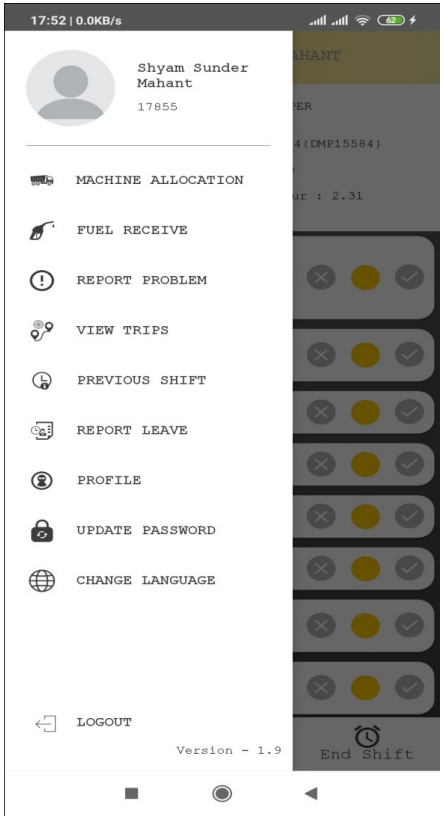
ERP Integration Features

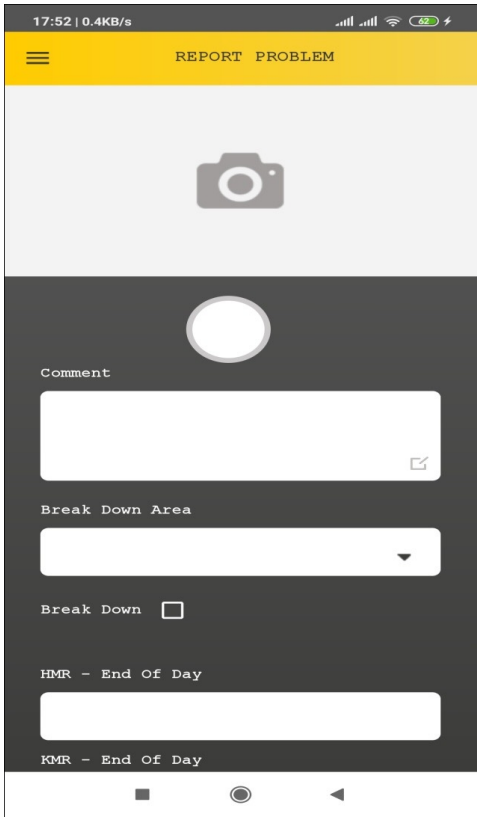


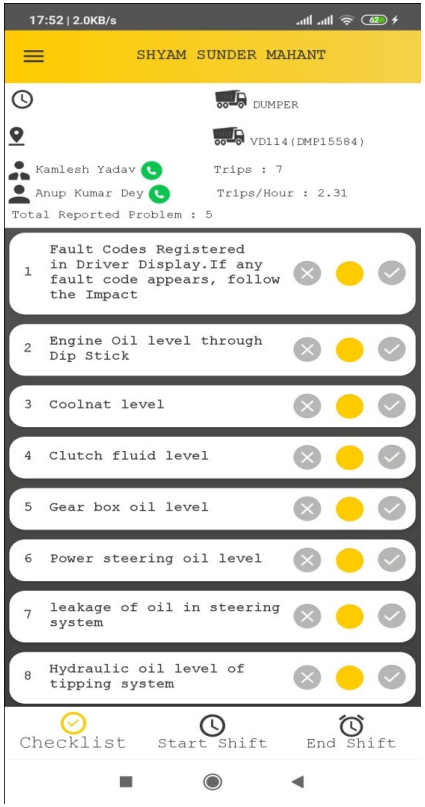
APP IMPRESSIONS

Driver App



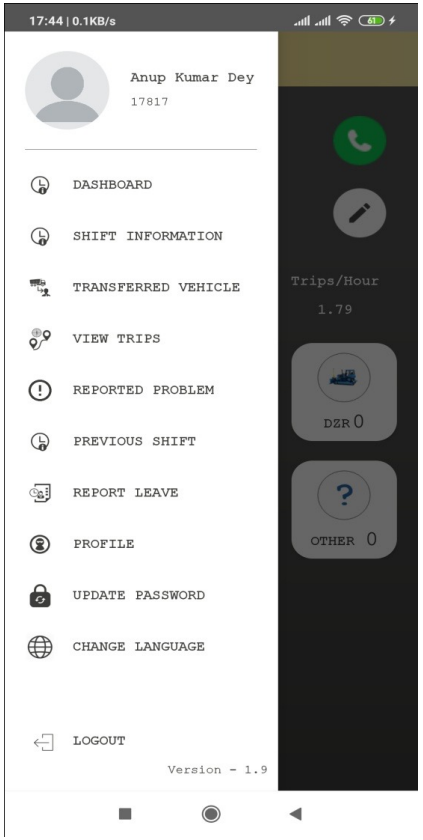


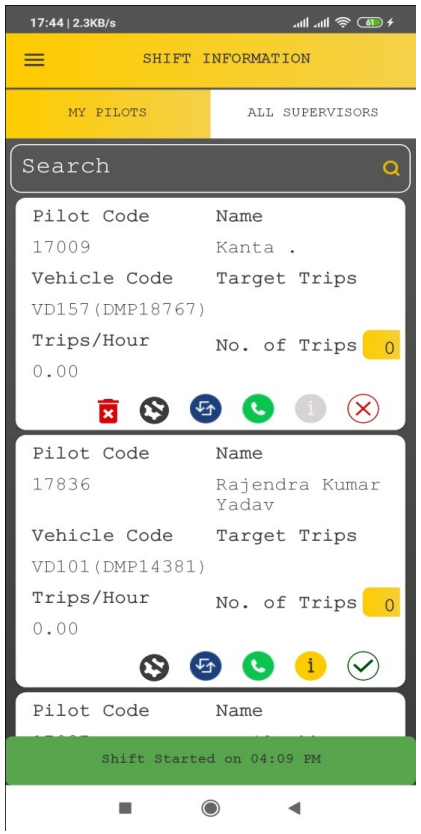


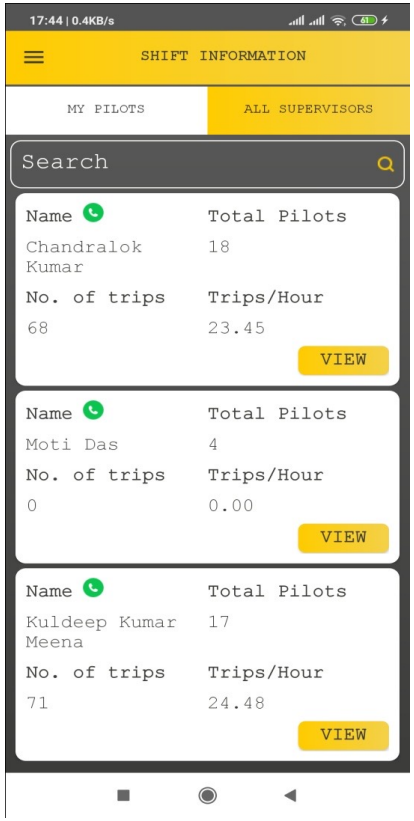


APP IMPRESSIONS

Shift Supervisor App

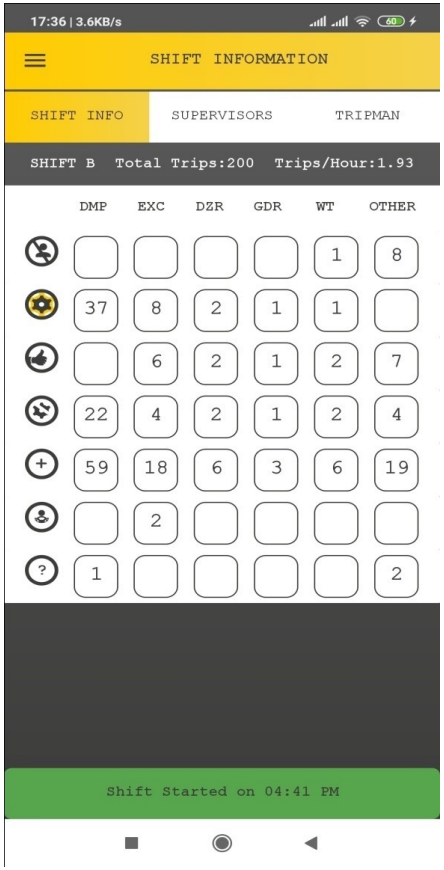


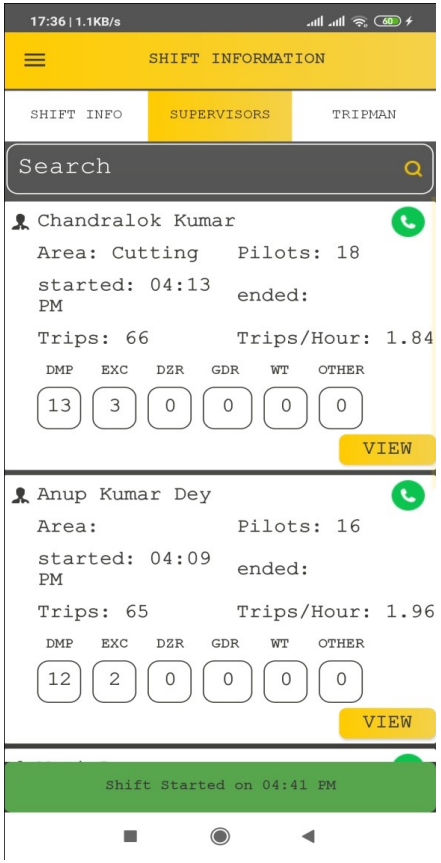


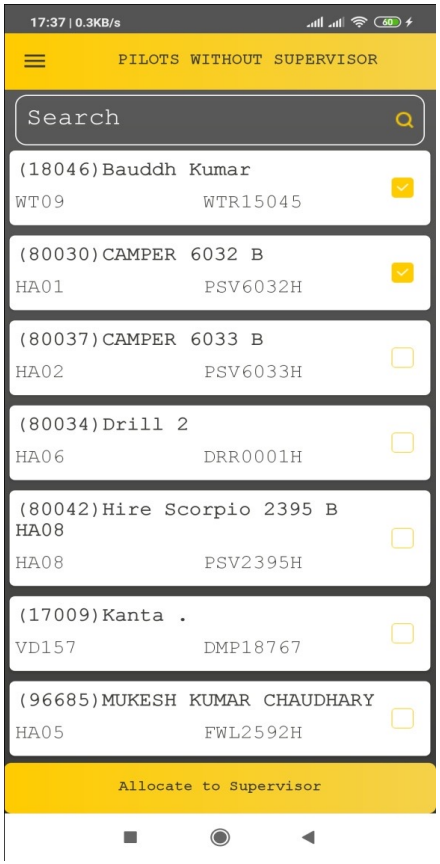


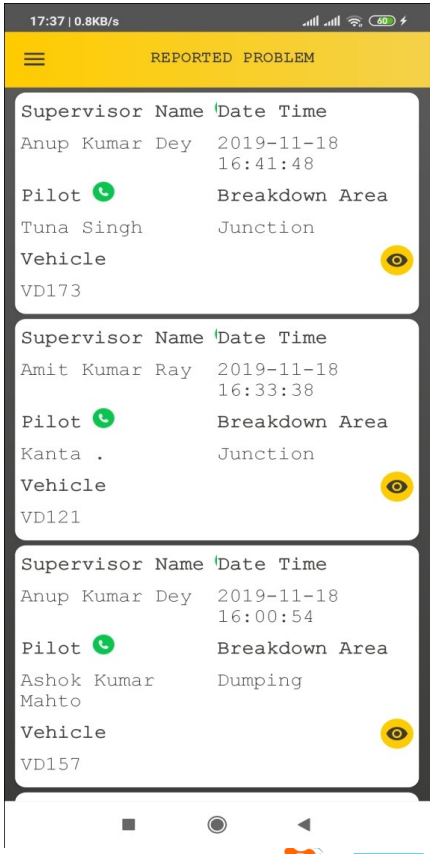
APP IMPRESSIONS

Shift In Charge App









HARDWARE / FEATURE INTEGRATION

- Anti-Theft Fuel System
- Fuel Pump Automation system with Automatic tank Measurement
- Weigh Bridge / On board Weighing Integration
- RFID Tower based Trip Counting
- Geo-Fencing based Trip Counting and Work Areas
- Collision Avoidance using proximity sensors
- Seat Belt Alarm, Tyre Pressure monitoring
- Many other…..

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Thank you

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