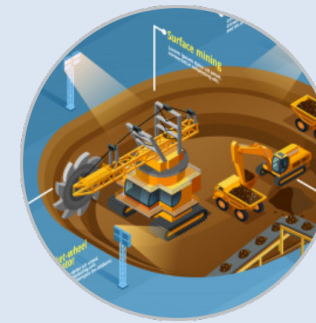




(SoW-CSS)
Cyber Security Solutions



(SoW-FM)
Fleet Management



(SoW-MPMS)
Mining Production
Management System

Ghana Partner:
 **Hadley Technologies**
CONSULTING | INTEGRATION | INNOVATION

 **TSL**
TECH SCOUT LABS
Tech | IOT | 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.**



FEATURES

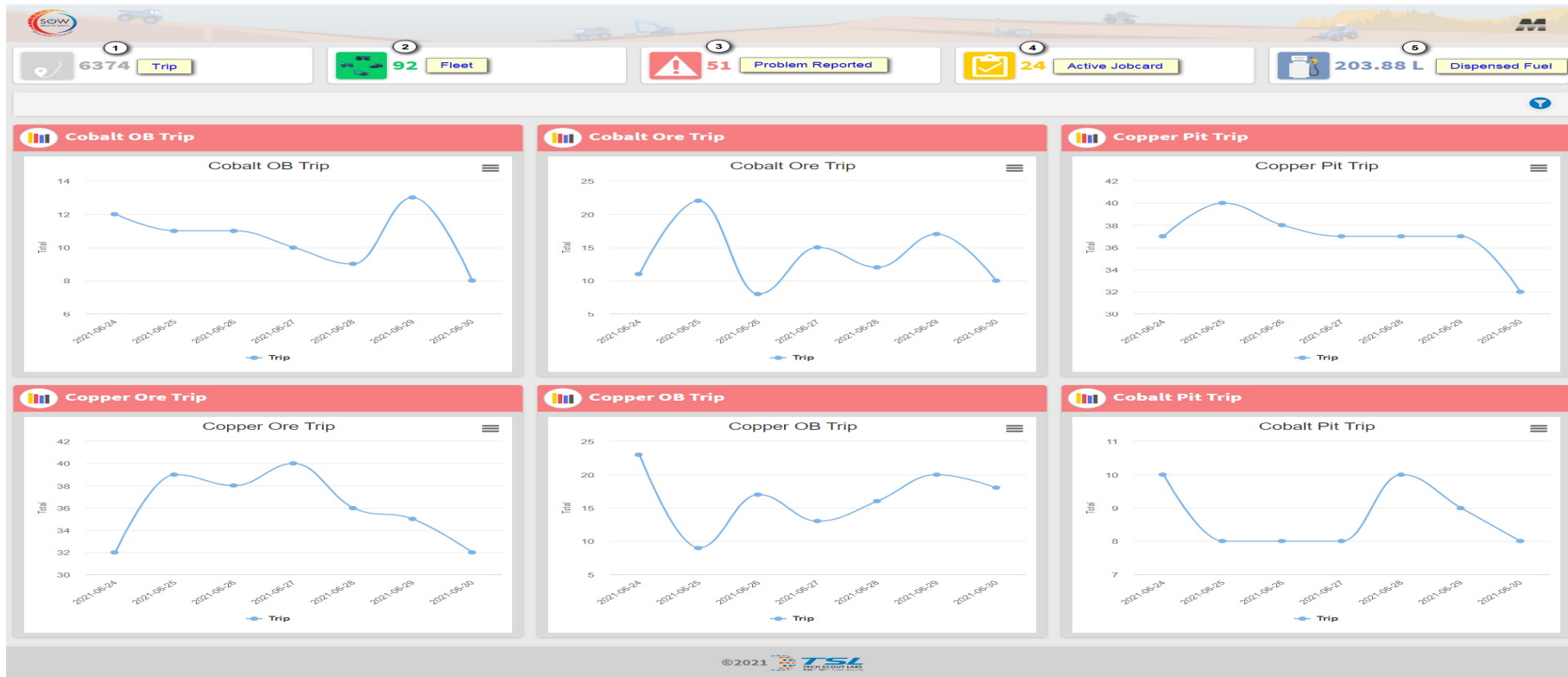
- Multiple Dashboards
- Trip Management
- Roster Driven Allocation
- Maintenance Management
- Stores
- Notification & Alerts
- ERP Integration
- & many more...





PROJECT DASHBOARD

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



PROJECT DASHBOARD



Real Time / Back dated shift efficiency and utilization snapshot

Fleet Track Dashboard
⌵

↻

🚛 51
🔌 33
🔌 14
🔄 4
📶 0
👤 0

Map Satellite

Equipment Details

🚛 OO L
📶 0
📍 0

🚛 KIMIN / VCEC480DE00276323 - Ex#14 - EXCAVATOR 🟢

🕒 2021-06-30 13:06:05

🕒 03 Jun 2021 09:06:21 AM

📍 0.45 km from 265, Babulkheda, Suyog Nagar, Nagpur, Maharashtra 440015, India

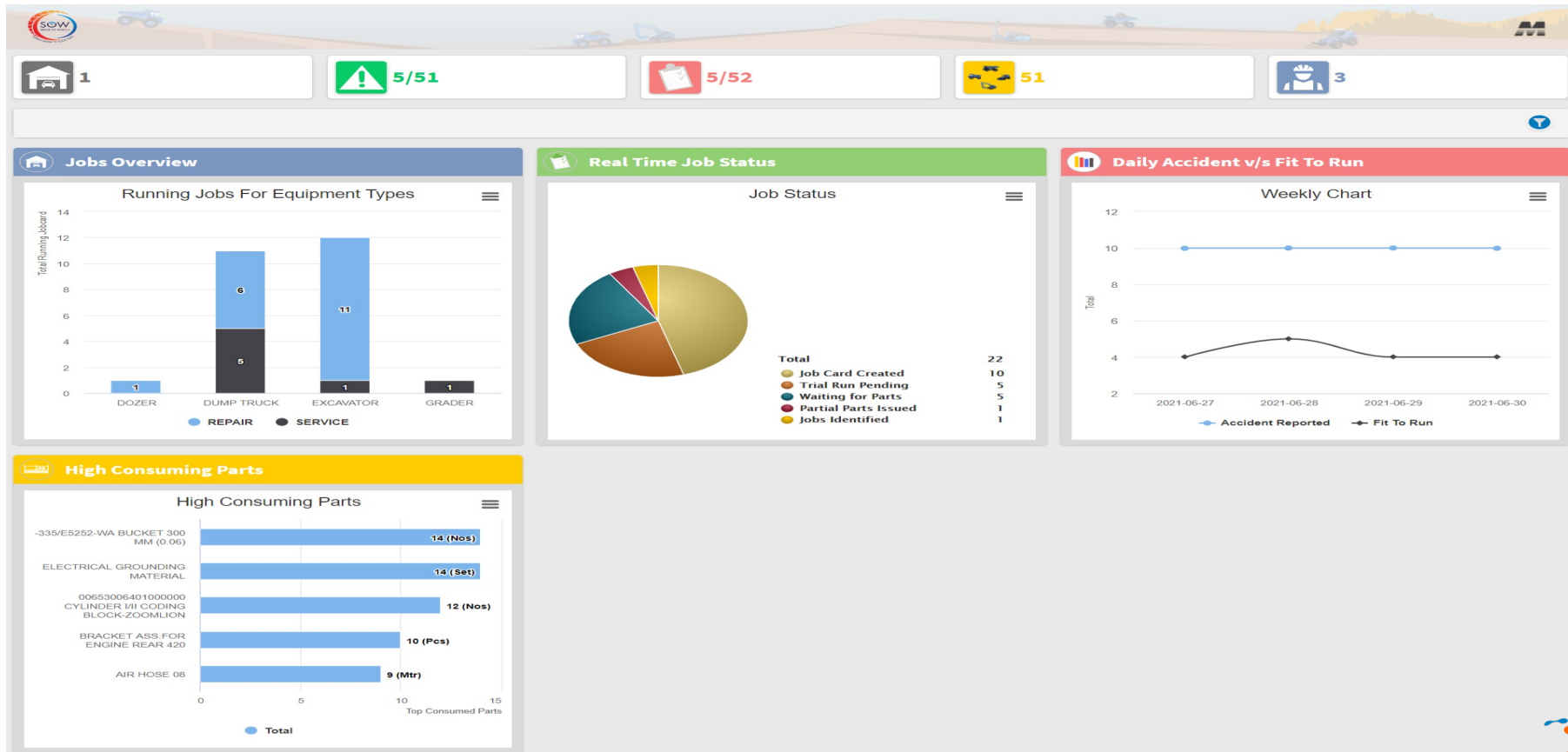
Equipment on field
Search :
Previous | 1 | 2 | 3 | 4 | 5 | 6 | Next

Sr. No.	Vehicle	Equipment Typ	Number Pl	Date/Time	Location	Speed	Fuel	Vehicle Status	Site Name
1	DB#02	DIESEL BOWSER	L225BLSF8LN 680448	30/6/2021 01:48:37 PM	0.63 km from 2, Dhanwantari Nagar, Chitnis Nagar, Nagpur, Maharashtra 440009, India	0	0.00	🔌 B/D	KIMIN
2	GR#03	GRADER	VLGG9190KJ0 600766	30/6/2021 01:48:23 PM	0.15 km from 1038, Juni Shukrawari, Reshim Bagh, Nagpur, Maharashtra 440024, India	4	0.00	🔌 Active	KIMIN
3	GR#04	GRADER	SEM00921JS9 500304	30/6/2021 01:47:51 PM	0.75 km from 2, Dhanwantari Nagar, Chitnis Nagar, Nagpur, Maharashtra 440009, India	13	0.00	🔌 Working	KIMIN



PROJECT DASHBOARD



Garage Overview



PROJECT DASHBOARD



Job Card



JC_KIMIN-Garage_79 / REPAIR (Ex#15)Excavator Ex#15

Current History Preventive Maintenance Parts Consumption Parts Cannibalization Gallery Team Member Timeline Fit To Run

Upload Pic HMR/KMR

Drag and drop a file or select add Image


Report Problem Comment Welding Problem

Jobcard Comment Welding Problem

Comment

Trial Run Completed

HMR/KMR

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TECH SCOUT LABS
Tech | IOT | Cyber Security

PROJECT DASHBOARD



Trip Monitoring & Performance

Total Volume 15,561 Cubic Meter

Show Records : **Search :**

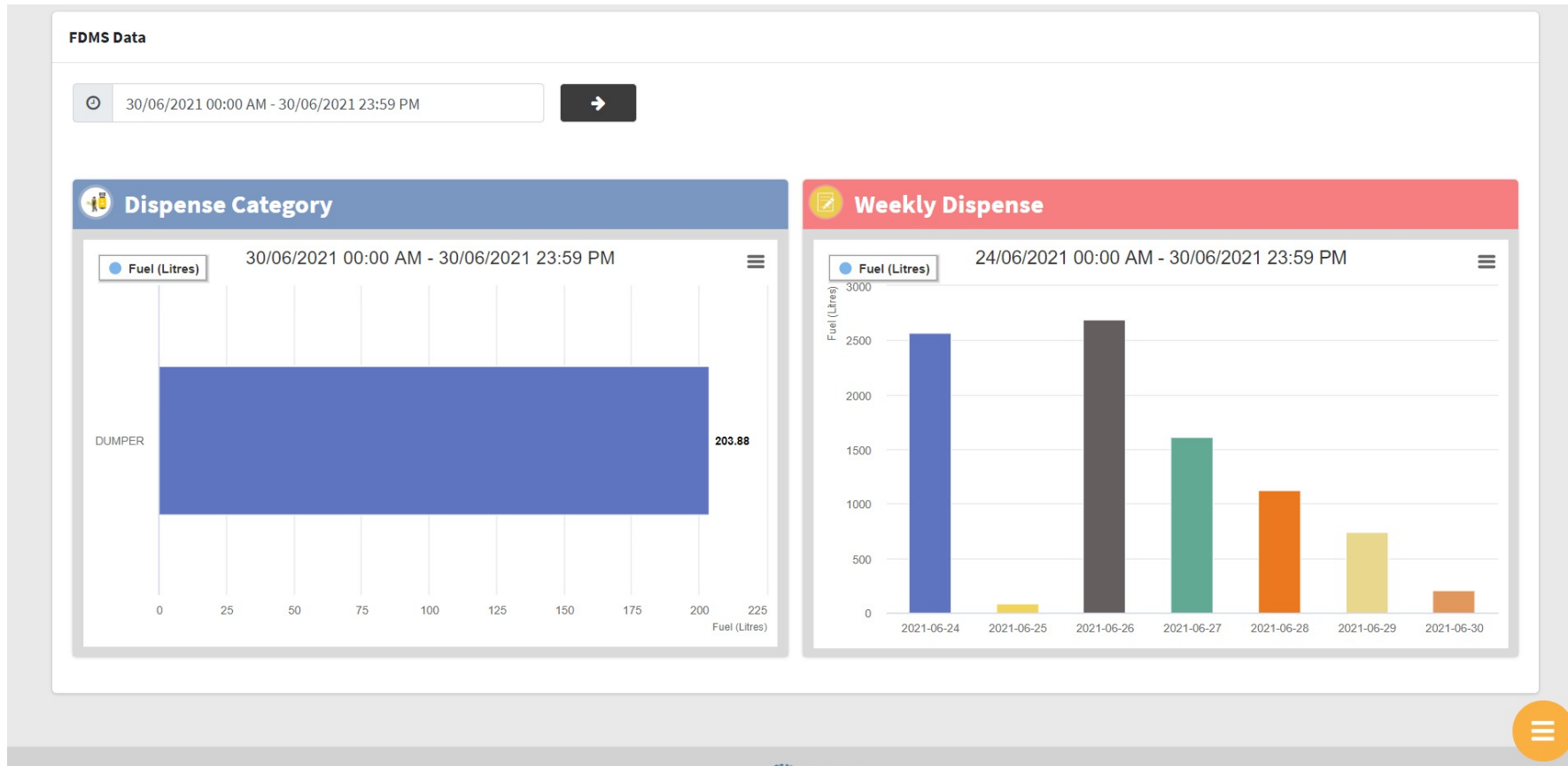
Previous 1 2 3 4 5 ... 12 Next

		<input type="text" value="Site"/>	<input type="text" value="Area"/>	<input type="text" value="Equipment Type"/>	<input type="text" value="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

PROJECT DASHBOARD



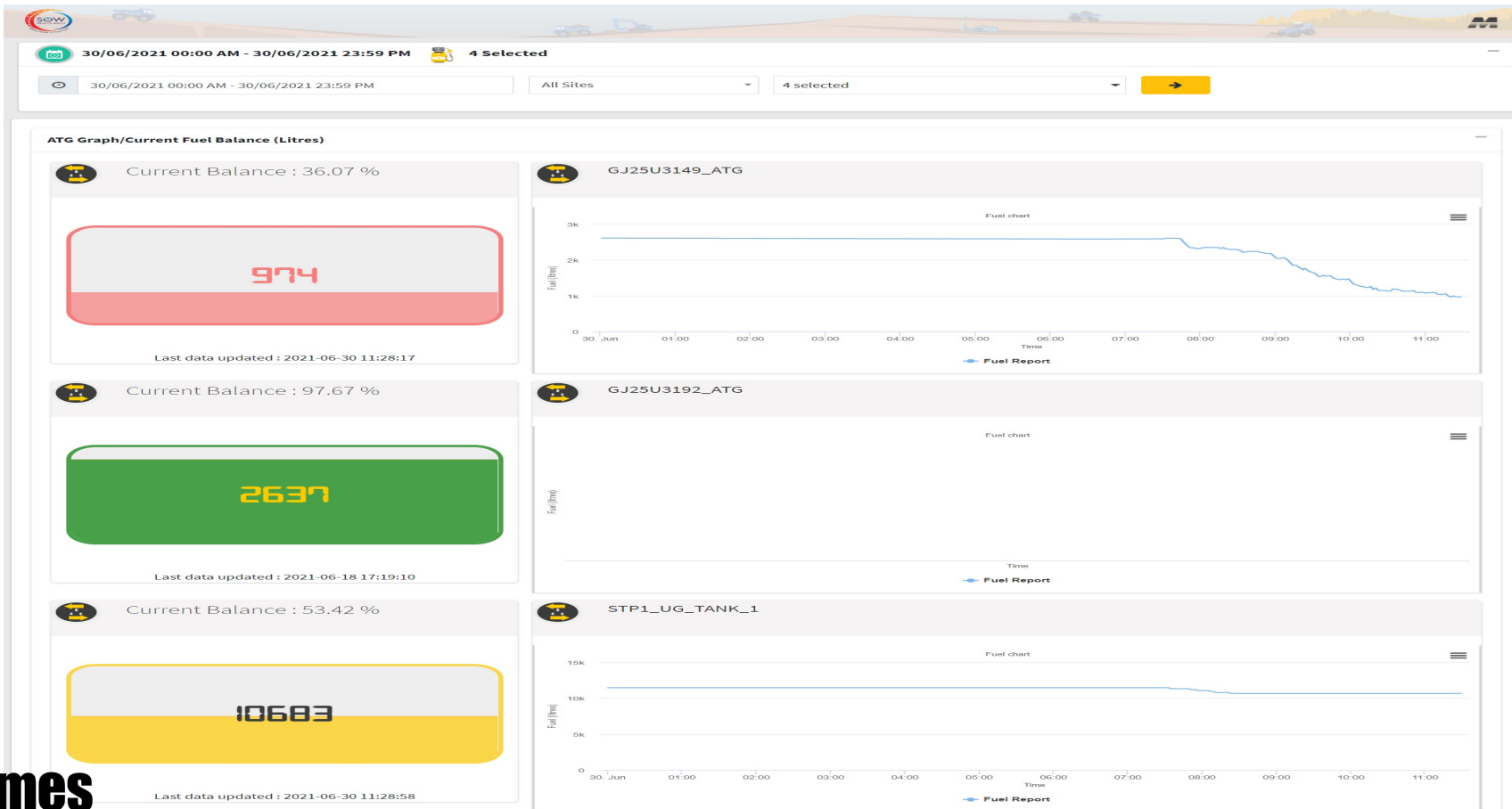
Fuel Dispense Overview



PROJECT DASHBOARD









Fuel Tank Balance








PROJECT DASHBOARD


Garage Store Dashboard




1  1 **Garage Store**

2  **\$110000** **Inventory Value**

3  **24/52** **Issue Pending**

4  **51** **Fleet**

5  **3** **Technician**

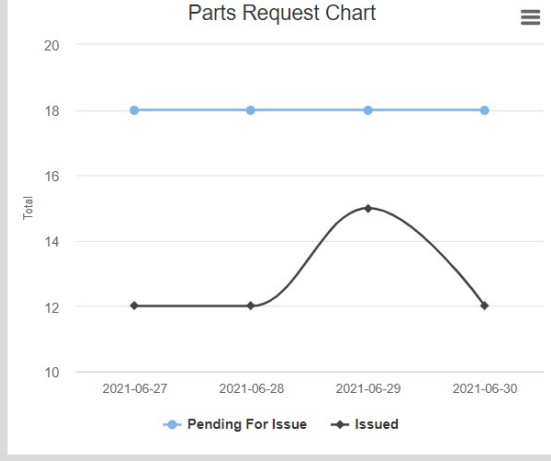
Frequently Used Parts

Part Name	Quantity
-335/E5252-WA BUCKET 300 MM (0.06)	14 (Nos)
ELECTRICAL GROUNDING MATERIAL	14 (Set)
00653006401000000 CYLINDER I/II CODING BLOCK-ZOOMLION	12 (Nos)
BRACKET ASS.FOR ENGINE REAR 420	10 (Pcs)
AIR HOSE 08	9 (Mtr)

Waiting for Parts

Part Name	Quantity
ALUMINIUM WELDING ROD E4043 2.5MM	12 (Nos)
1010300042-UNDERCARR...	6 (Nos)
Hose Pipe for Pneumatic Machine 1/2" Drive (For Engine Assembling) use 30mtrs roll	5 (Nos)
CABIN LATCH ASSY RH 4738	5 (Pcs)
1020300003-HYDRAULIC...	5 (Nos)

Parts Requests



Date	Pending For Issue	Issued
2021-06-27	18	12
2021-06-28	18	12
2021-06-29	18	15
2021-06-30	18	12

PROJECT DASHBOARD



Garage Store Inventory Overview

Inventory Management +

Show Records: 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 FC400 DI	37

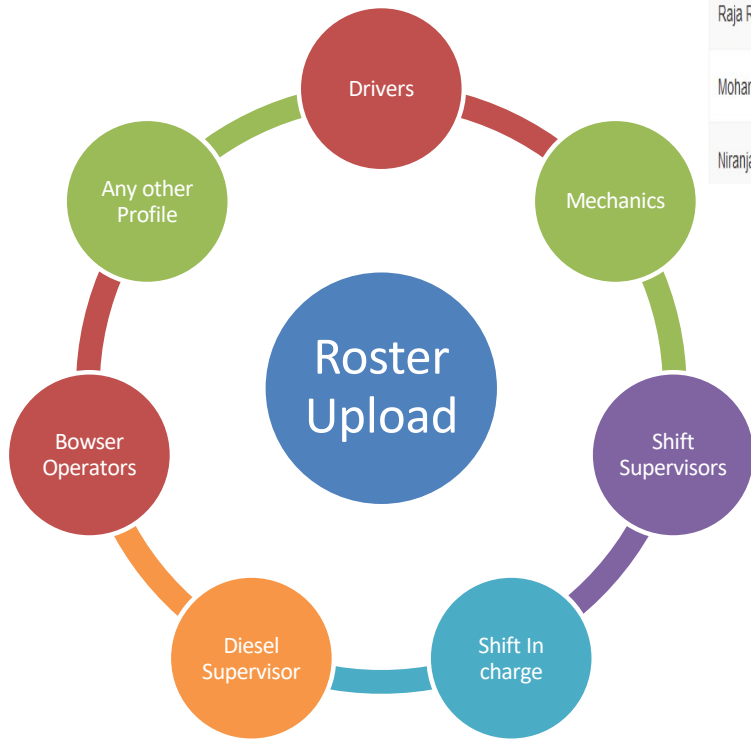


WORK ALLOCATION

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

Above snapshot shows roster allocation of drivers for the given month



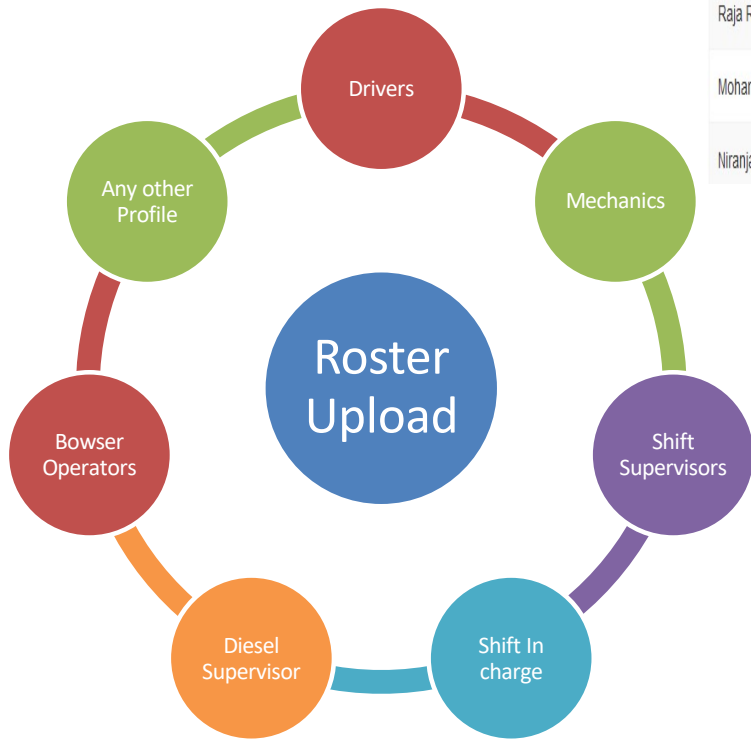


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Above snapshot shows roster allocation of drivers for the given month



MAINTENANCE MANAGEMENT



Maintenance Features



STORE MANAGEMENT



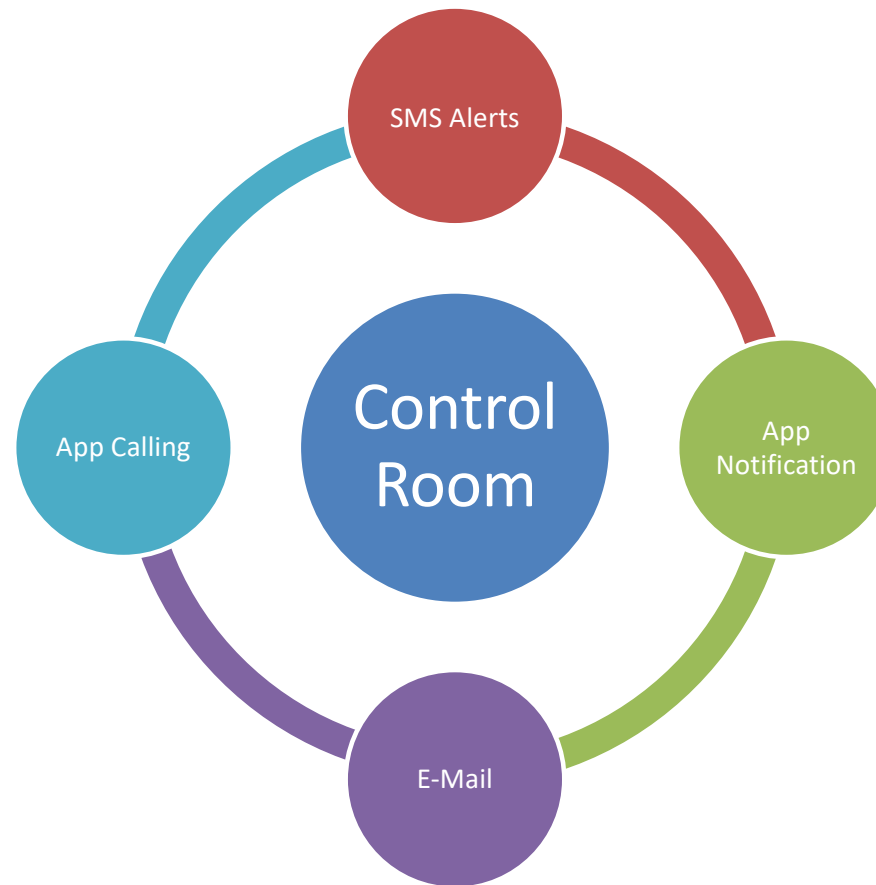
Store Features



NOTIFICATION & ALERTS



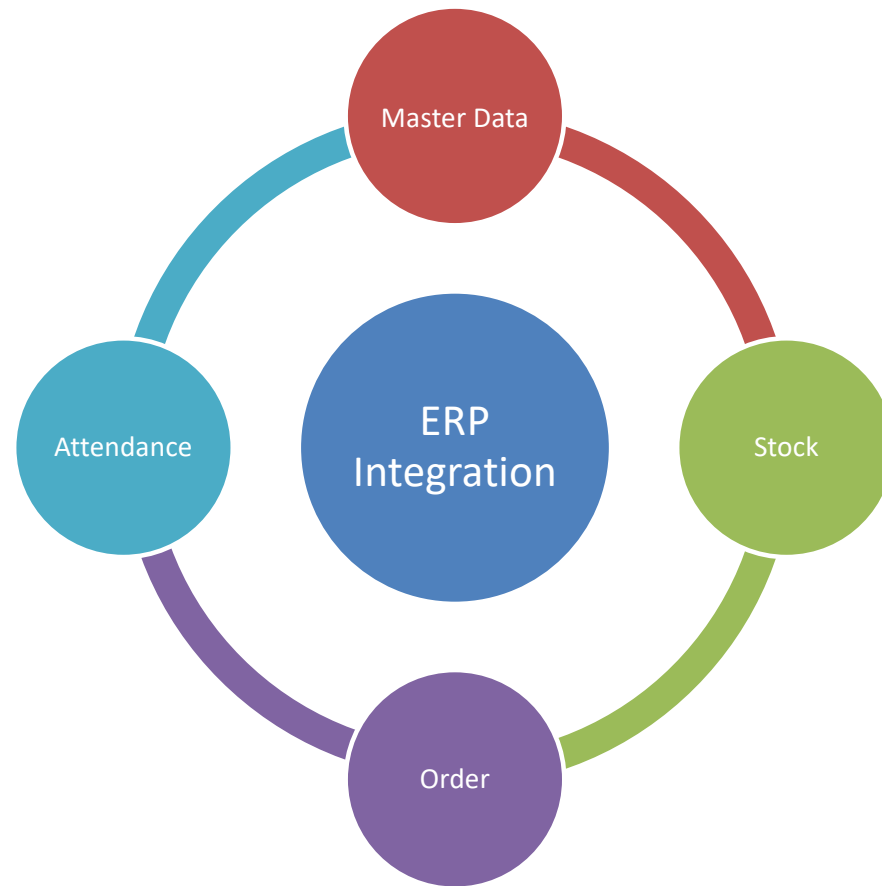
Notification & Alerts



ERP INTEGRATION



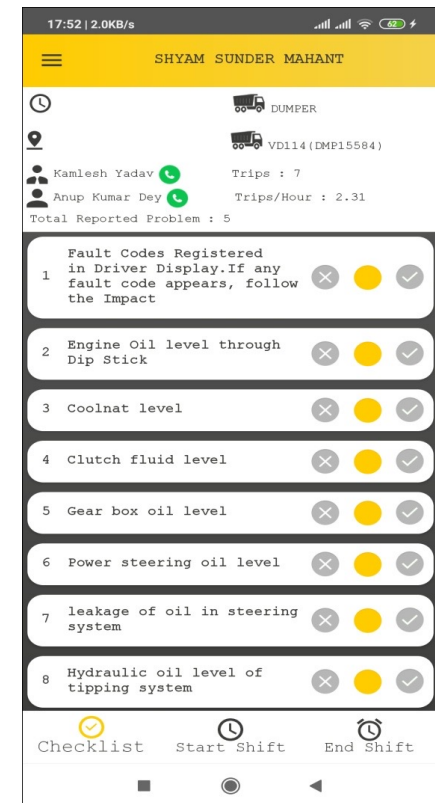
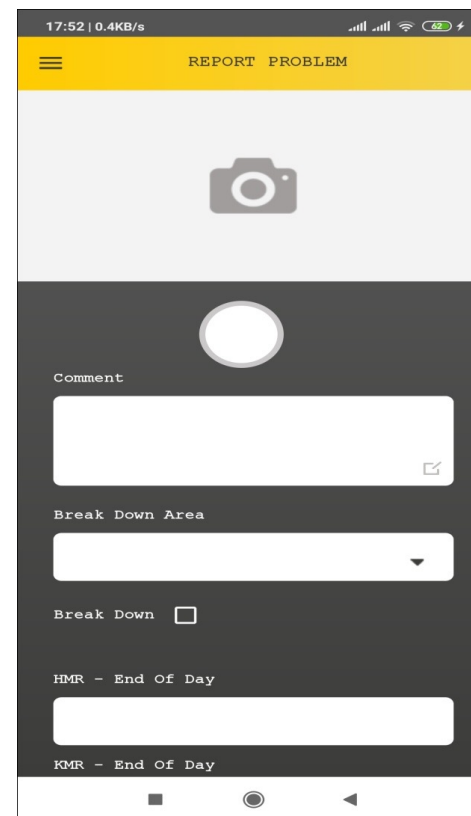
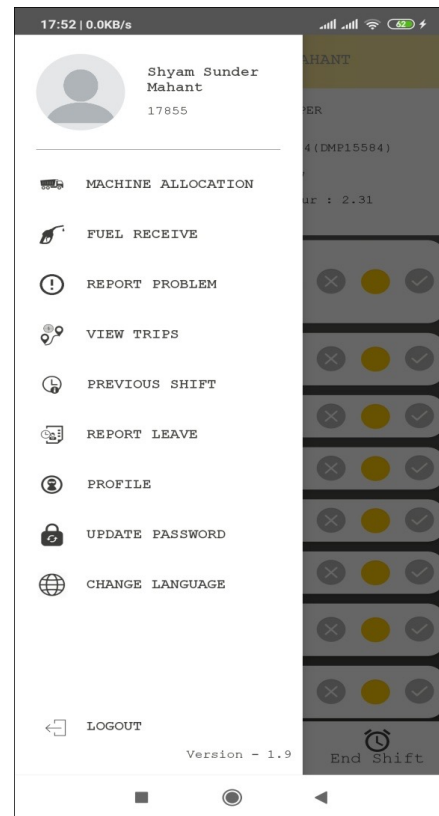
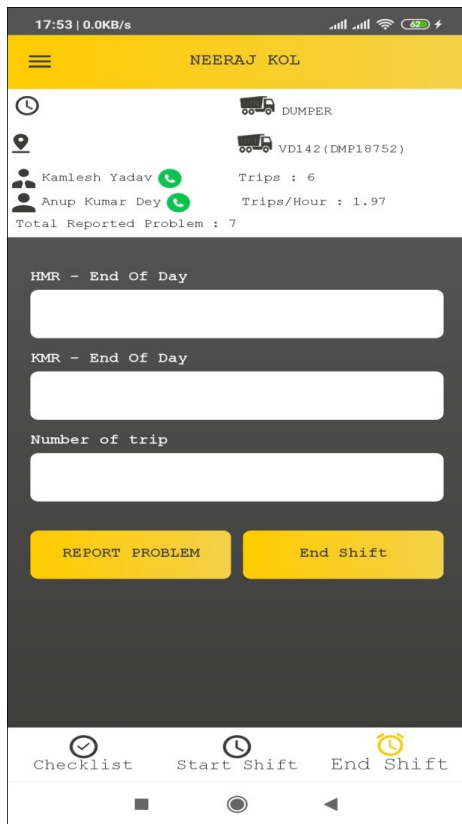
ERP Integration Features



APP IMPRESSIONS



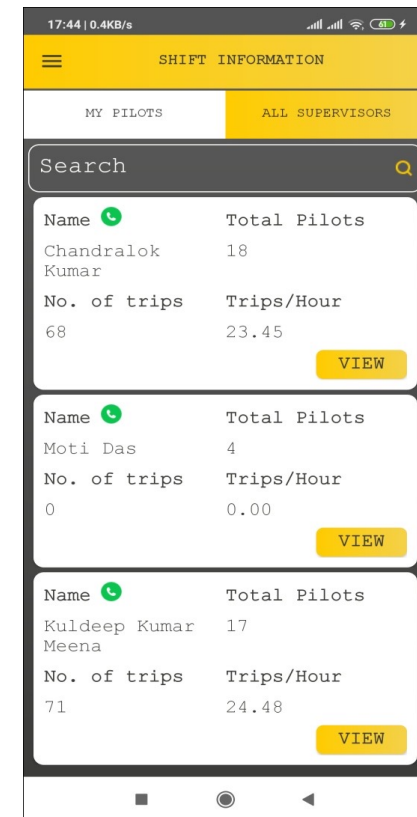
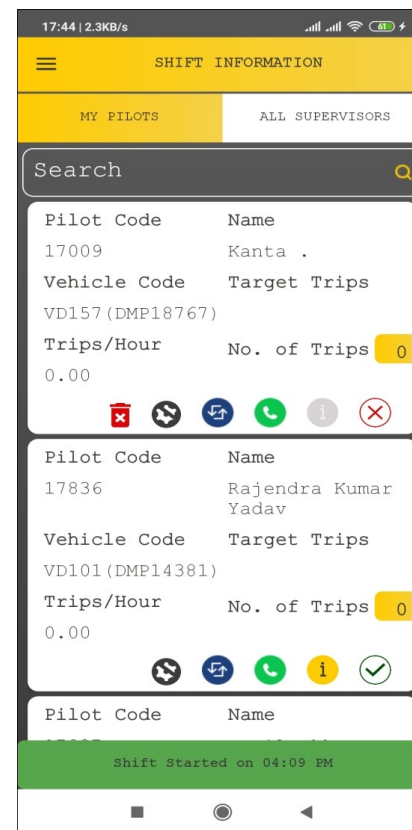
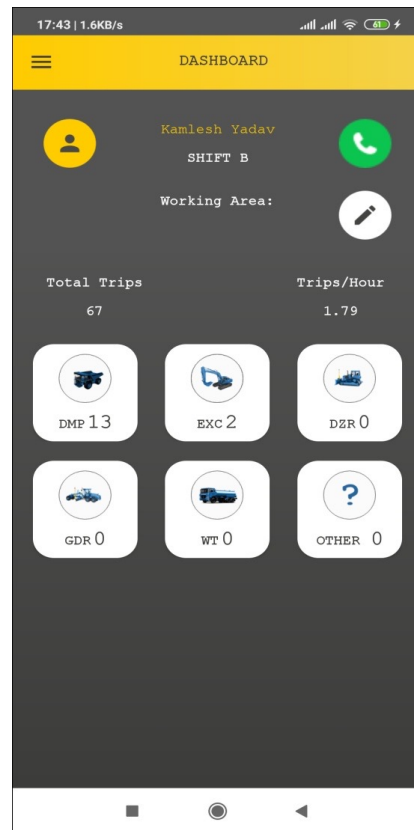
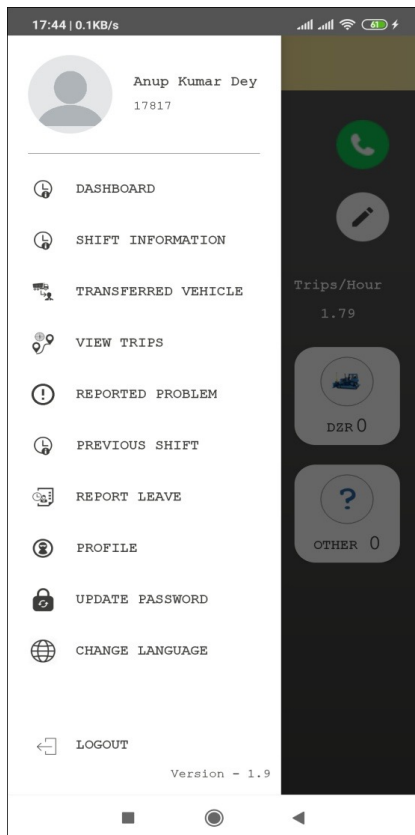
Driver App



APP IMPRESSIONS



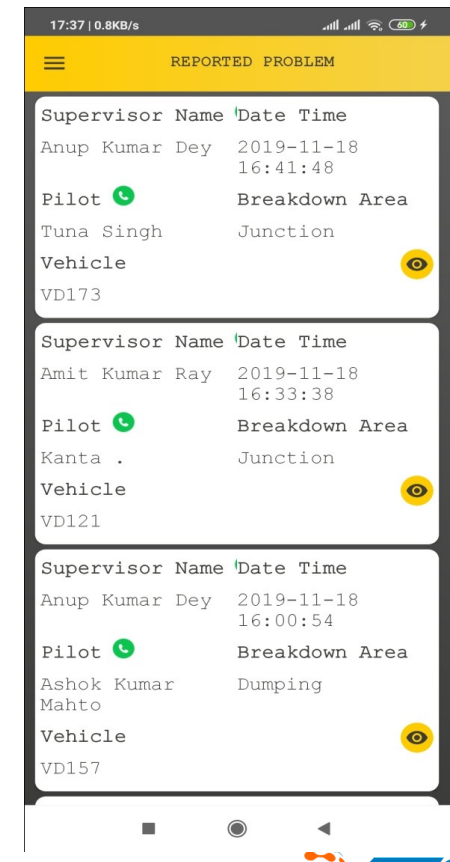
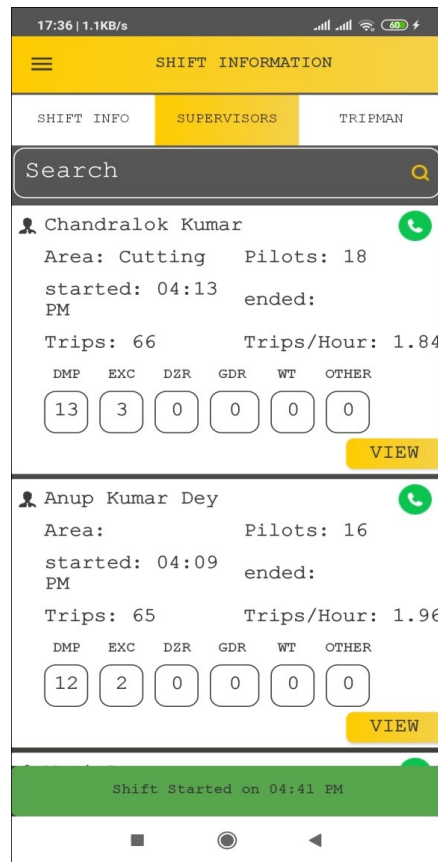
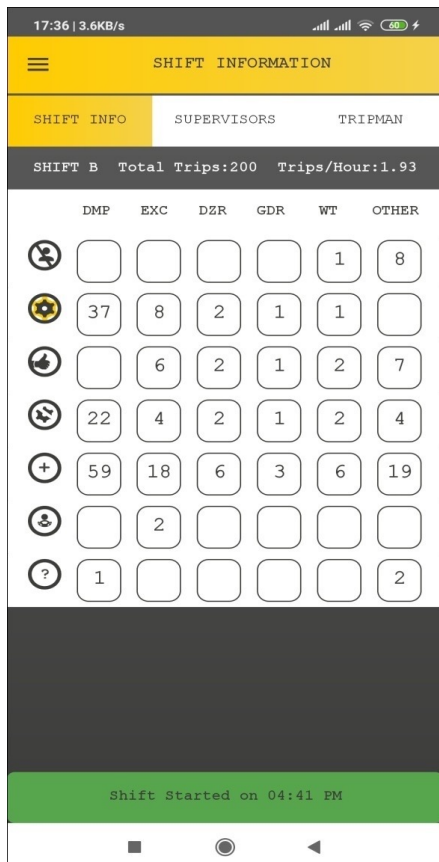
Shift Supervisor App



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.....**



Thank you

Ghana Partner:



DR Congo Partner:

