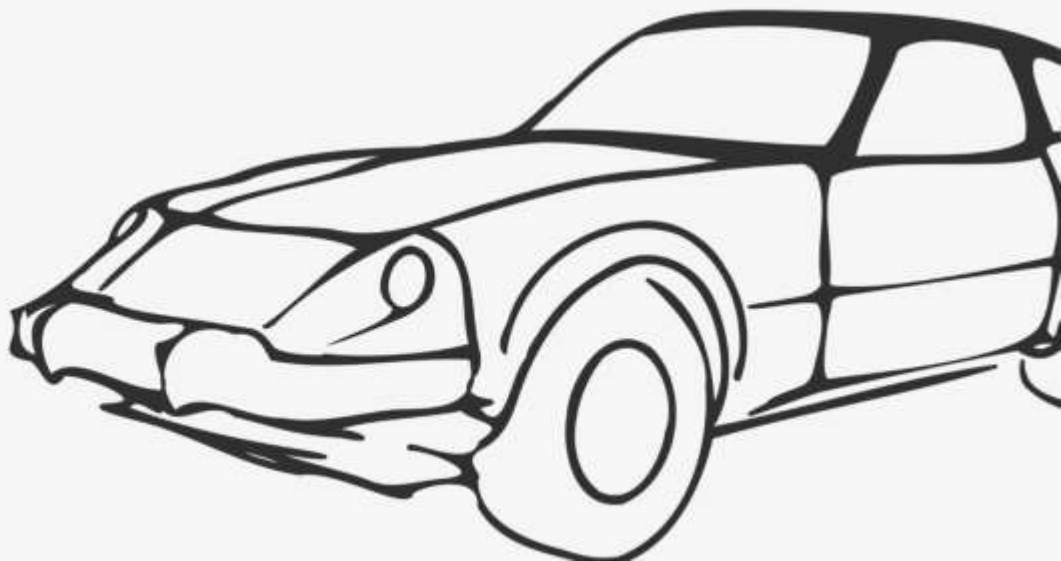




AUTOMOBILE WORKSHOP OPERATIONS

INTRODUCTION



One of its Automobile workshop application projects is based purely on repairing vehicles (light and heavy). Moreover, it has the fastest-growing and scalable project that attracts a large number of vehicle owners. You can add your expert technicians and auto mechanics that oversee all major and minor operations such as repairing vehicle parts, fixing spare parts, accessories, oil changing, etc



OVERVIEW



IN-HOUSE APP

One of their requirements is they need an in-house intranet app. (YES!) The reason is that their technicians and in-houseworkers can easily manage their daily assigned work. Moreover, they also want to eliminate manual operation and transform it with automation to save time and decrease workload.

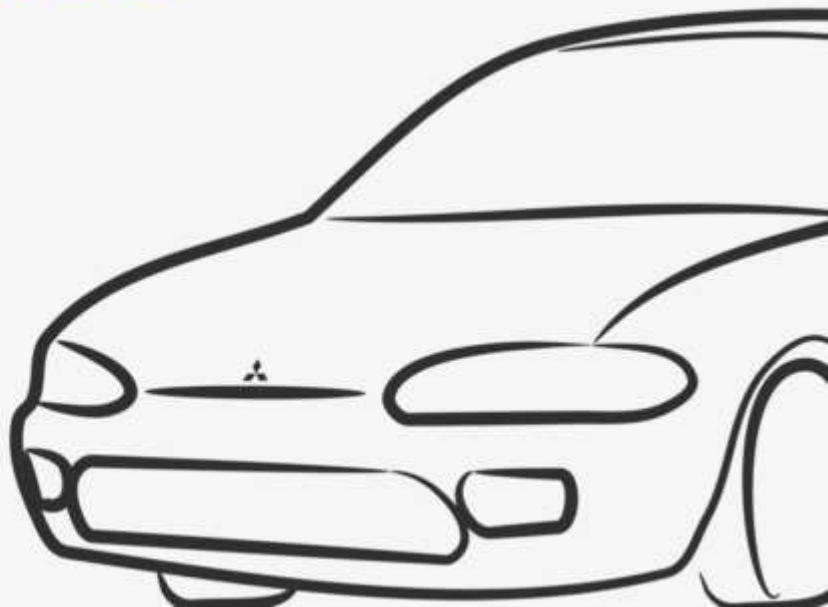
WEB APP AND MOBILE APP

By the time of developing their application, the MMCGBL team worked on web apps and mobile apps parallel. Moreover, this web app is based on an intranet application that can easily run when the internet does not exist. However, the web app is also mobile responsive, but the mobile app especially has been built for the tab users.

MOBILE APP FOR ANDROID

As we have mentioned that the team also built mobile app to make them viable and easy to access for the users, it is also worth noting that their mobile app is only supported for Android users.

TECH STACK



FOR WEB APP:

— FRONTEND:



— BACKEND:



— DATABASE:



FOR MOBILE APP:

— FRONTEND:



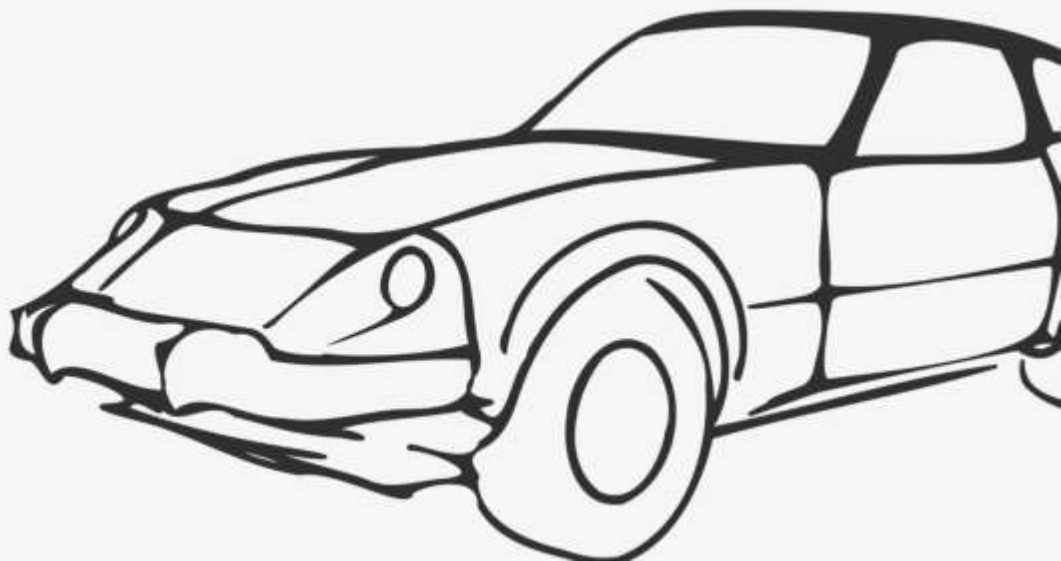
— BACKEND:



— DATABASE:



FEATURES



01- REPAIR ORDER CREATION

In this feature, all details of vehicles that come for services are recorded, such as vehicle number, the vehicle needed services, customer details, etc.

02- ESTIMATION OF REPAIR ORDERS

The overall estimation of service cost that needs to convey to the customer is generated. It also includes the offer they are given, such as the bundle of services at discounted charges. For instance, if they offer the replacement of chipped windshields with free removal of dents and scratches from the exterior, replacing key engine parts with free oil changing + vehicle valeting, and so many others. They make a table to offer these applied Free services offers with cost estimation and send it to the vehicle owner for approval.





03- ESTIMATION SHARING WITH CUSTOMERS

As we have mentioned, the email box has been integrated with the app, and the customer gets the estimated cost of the repair order. He has to approve or disapprove as per his choice, and the user of in-house workshop automation is notified.

04- TECHNICIAN TASK ALIGNMENT

As soon as they hear back from the customer, they arrange vehicle repairs to the related technicians for their repair services. In this stage, the Epicor ERP helps generate job cards that notify the workers who will work on recent vehicles.

05- QUALITY ASSURANCE OF VEHICLE

Once they are done with repair and maintenance services, the status has been updated and assigned to the QA person. The vehicle is aligned for a final QA inspection by the manager. The QA team overviews the required services and the checking of all repairs. If any problem occurs while inspection, they mark the status as failing and send it back for further changes.

06- VEHICLE DELIVERY STATUS

After all further changes or passing the QA, the vehicle is sent back to the customer, and the assigned technicians update the delivery status. In the workshop automation app, the customer is also kept in the loop to know the current status of the vehicle repair.

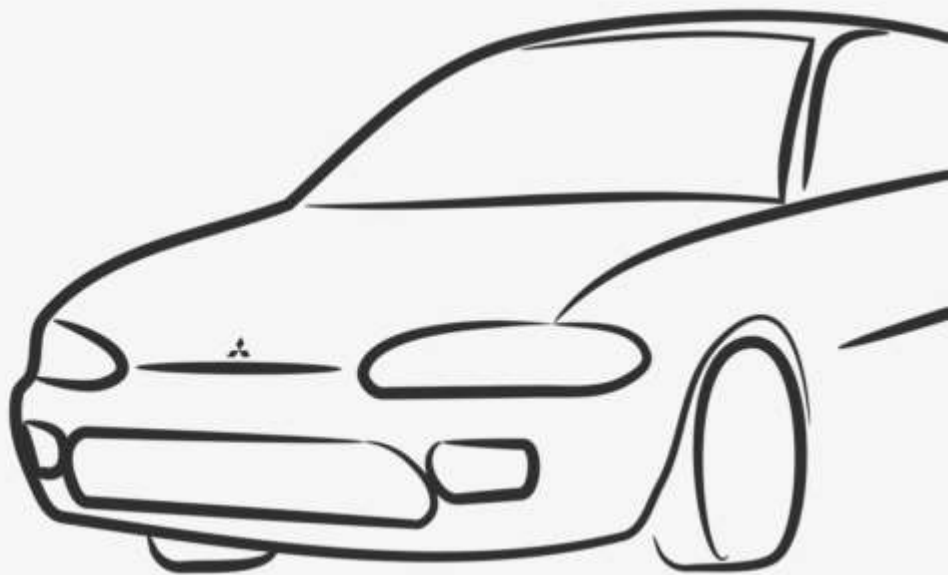




07- GATHERING CUSTOMER FEEDBACK

Last but not least, the workshop automation app also helps the customer to write feedback. Gathering feedback helps them to improve their service and take additional requirements. The integration with customer mobile apps allows customers to keep in touch wherever they want and submit their feedback in real-time.

SCREENSHOTS



SERVICE ADVISOR DASHBOARD

Island Trading Company | Automotive | Service Advisor Dashboard

26 - Showing 1 to 1 of 1 entries

Quality Control | T230-Peugeot Mechanical Workshop

Work Order No.	Customer Name	Customer Ref.	Reg No.	Make	Model	Year	CC Type	CC Capacity	CC Class

26 - Showing 1 to 1 of 1 entries

Delivery | T230-Peugeot Mechanical Workshop

Work Order No.	Customer Name	Customer Ref.	Reg No.	Make	Model	Year	CC Type	CC Capacity	CC Class

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Island Trading Company | Automotive | Service Advisor Dashboard

26 - Showing 1 to 1 of 1 entries

Repair Orders | T230-Peugeot Mechanical Workshop

Work Order No.	Customer Name	Customer Ref.	Reg No.	Make	Model	Year	CC Type	CC Capacity	CC Class
100000	MR JOHN HENRI JAC	10000000000	10000000000	PEU	PEUGEOT 2008	2008	1995cc	1995cc	1995cc

26 - Showing 1 to 1 of 1 entries

Estimates | T230-Peugeot Mechanical Workshop

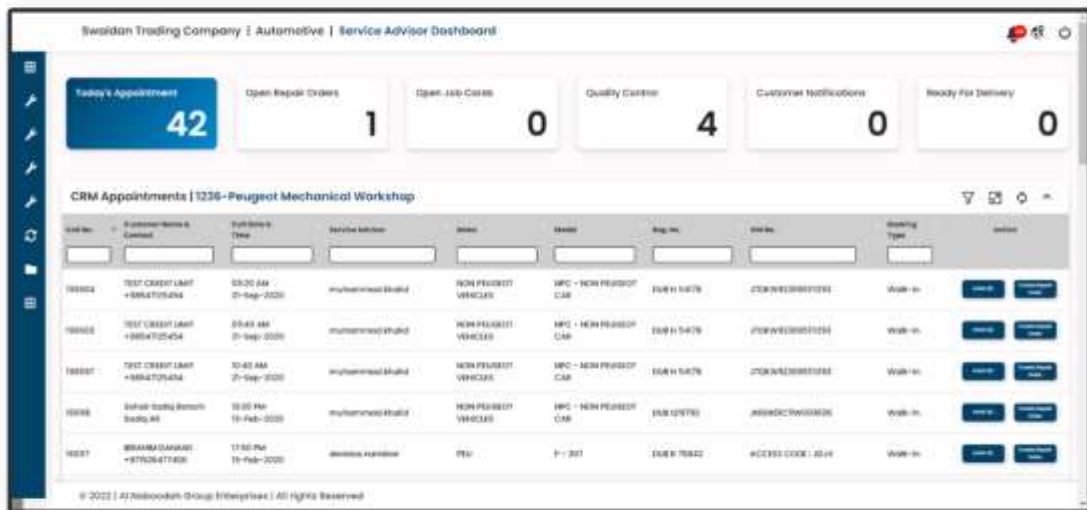
Work Order No.	Customer Name	Customer Ref.	Reg No.	Make	Model	Year	CC Type	CC Capacity	CC Class

26 - Showing 1 to 1 of 1 entries

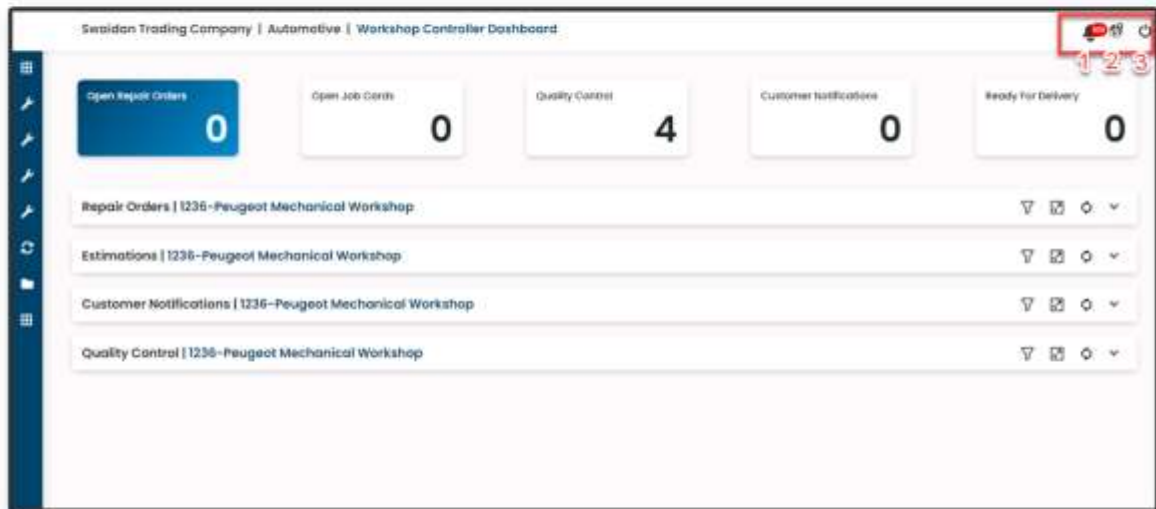
Customer Notifications | T230-Peugeot Mechanical Workshop

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SERVICE ADVISOR DASHBOARD



WORKSHOP CONTROLLER/ SUPERVISOR DASHBOARD



TECHNICIAN DASHBOARD

Swaidan Trading Company | 116-Automotive | Technician

11:34

Dashboard

QC Dashboard

Technician Dashboard

Todays Jobs For 1229-Peugeot Workshop Fujairah

Select Technician

Job Card No.	Task Type	Make	Model	Reg. No.	VIN No.	Assigned to	Delivery Date & Time	Initial Comments	Checklist	Action
1229-AC-1	Task	NEW PEUGEOT VEHICLE	ARC - MINI PEUGEOT CAR	QUR 8 2297	JTGLHCPN63964 835	OMSHFAC1229 8	20 Sep 2023 03:00 PM	View	View	
1229-AB-1	Task	PEUGEOT	8 - 807	FUJ 8 8206	VF308M 072206 44	OMSHFAC1229 8	20 Sep 2023 03:00 AM	View	View	

Showing 1 to 2 of 2 entries

PARTS DASHBOARD

Parts Request | 1236 - Peugeot Mechanical Workshop

Customer No.	Customer Name	Name	Address	Reg. No.	Vehicle	Delivery Date & Time	Action
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="button" value="Proceed"/>

12360 Peugeot 1236 27-Nov-2022 09:30 AM Peugeot 1 - V6080 BLS TUR 008 12360 VF2WCFWFSW000884 09-Nov-2022 09:30 AM

25 Showing 1 of 1 items

Proceed Parts Request

Parts Required

Vehicle Make	VIN Number	Vehicle Model	Registration No.	Scheduled Delivery
PEUGEOT	VF2WCFWFSW000884	1 - V6080 BLS TUR	008 12360	09-Nov-2022 09:30 AM

SEQ	Description	Type	Part No.	Qty	Availability Status	Price	Expected Availability Date & Time	Remarks
2001	Description	SP	2001	1.00	Yes	1500	mm/dd/yyyy	
30	RADIATOR ASSY (O.N. 1330.Q3) 1330.Z6	SP	1330.Z6	1.00	Yes	1875	01/01/2001 12:00 AM	
30	OUTLET TANK TULSIPI (327) (O.N.1336.T1) P1336W3	SP	1336.W3	1.00	Yes	525	01/01/2001 12:00 AM	
30	COOLANT FILLER 3L (EUROPEAN) (C-1637706380)	SP	1637706380	1.00	Yes	35	01/01/2001 12:00 AM	
40	GASKET COOLANT PUMP (P24E)	SP	990121860	1.00	Yes	70	01/01/2001 12:00 AM	
2002	SP2	SP	2002	1.00	Yes	1000	mm/dd/yyyy	

Cancel Save

QC DASHBOARD

Swaiden Trading Company | Automotive | QC



Initial QC

24

Final QC

1

QC in-Progress

25

QC Completed

0

NDs

0

Quality Control | 1243-Peugeot Workshop AI Quot

Request ID and No.	Start Date & Time	Req. No.	VIN No.	Make	Model	QC Type	Request ID	Action	Status
30070	04-Sep-2022 02:02 PM	048 90407	VF34C5FM791003008	PEUGEOT	3 - 308	Final QC	No	Approved	In Progress
30046	05-Sep-2022 04:23 PM	048 90816	VF3CCMF211002703	PEUGEOT	M3 - 308	Final QC	No	Approved	
30078	19-Jan-2023 12:00 AM	048 085301	VF3M45D7460003340	PEUGEOT	0 - 3008	Initial QC	No	Approved	In Progress
30072	01-Jan-2023 12:00 PM	048 68048	VF3M45D7461003503	PEUGEOT	0 - 3008	Initial QC	No	Approved	In Progress
27055	14-Nov-2021 12:00 PM	048 A1642	VF3J45A9260202391	PEUGEOT	M3 - MODEL TEST	Initial QC	No	Approved	In Progress

WE ARE ALWAYS AVAILABLE FOR YOU

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