Fleet Intelligent

Nowadays each company, restaurant, Supermarket, Maintenance Services and so on has a vehicles, trucks or bi-cycles and for deliver their products or services, so we are going to provide a software for a well fleet utilization and tracking to prevent any wastes by implementing the following features:-

1. **Task management** :

* By granting the flexibility to the user to define his tasks not only depending on count or qty dimension only , but it can be time or anything , currently

We have two main dimension:-

* + Count/qty i.e. sales orders delivery
  + Time i.e. Maintenance Services

It can be the same company uses the more than one dimension.

* Define the relationship between the trucks/vehicle capacity and tasks according to the currently dimension
* The system can auto allocate/assign according the trucks capacity and trip estimated time
* Allow the user to switch the allocated tasks on trucks between each other
* Enable the user tracking the tasks done in its planned time , and in case of there exist a delay the system will send a notification to the supervisor about this delay and his effect on the other tasks assigned to the vehicle
* And can suggest ,reallocate or switch the tasks between vehicles to fit the target delivery time
* Can generate a KPI reports for truck utilization and efficiency from task assignments.
* The driver shall update his assignments once doing it.
* The system also will validate that the driver implement his task on the specified location.

1. **Fuel Control**

* Monitoring real-time fuel levels for the whole fleet helps with planning refueling stops and also the system can know when the driver make refuel the truck and so on.
* By Following fleet fuel consumption and see average fuel consumption for vehicles over different time intervals. Therefore, our system will help you to identify which vehicles have the highest fuel consumption and see their routes.

1. **Fleet Tracking**

* See the exact location of all vehicles in real-time.
* Knowing what the tasks have been done and what’s the remain
* Knowing how many hours consumed in driving, stops and how many KM distance driven.
* Ability to view all routes the driver have done in specified period.
* Check drivers' route choice and speed to ensure precise driving and being

On schedule in time.

1. **Fleet Maintenance**

* Giving a notification to the administrator or supervisor the planned time that the car rubber should be changed, and also for the oil.
* User can log any component changed in the vehicle when, how much cost and why.
* Showing all car/truck traffic violations and giving a notification for any new Traffic violations.
* Giving a notification the planned time to update the car license.
* Grant the user to enter a definition data for each truck

1. **Car Sharing/Vehicle Reservation**

* Giving ability to manage the same vehicle within many drivers.
* Enable the users/drivers to send reservation request to the supervisor, and then the system will notify the supervisor about this request.
* Giving ability to the user to view the number of km and fuel consumption per driver for any specific period.

1. **Vehicle Inspection**

* Enable the user to define a vehicle inspection plan in datetime or after driving distance.
* Supervisor can define daily inspection for all driver and the driver shall update the system daily with his feedback about inspection.
* System will send the notification the supervisor and the truck driver about the planned time for inspection and after doing the driver shall update the system with the invoices or any cost of the changed parts and so on.
* Grant the driver to attach any maintenance document, invoice and images any attachments on inspection.