**The Locate App**

The Locate app is helping people to see and manage to track vehicle status, real-time notification, It provides reports using visual representation using Pie charts, Bar graphs etc.

**The good things about this app are:**

* This app is very simple and very user friendly to use. All the main functions like Vehicle list, Driver List, Notification, Setting, Kms summary, Customer care, Log out etc can find in the menu section.
* The concept and Aim of the app are really great.
* Starting only when the user opens the app the user is getting the information about the pending amount with time is so helpful.
* Users can get a real-time location on the map by using vehicle numbers.
* It is very easy to getting vehicle list and user can explore by vehicle number so it makes comfortable to examine with no waste of time.
* Vehicle IDLE time, Vehicle Run duration, Vehicle run status, Vehicle Live map, vehicle list on the map, Top performance, Top performers and Fuel prices state-wise can observe in the dashboard which makes it more straightforward to monitor all the records using visual representation using a pie chart, bar graphs, line graphs that benefit to the user to explore all the information in instants.
* In the Driver list, it is really simple to see the contact number and immediate call to him in just one click.
* Users are notified of each event also get every notification about the vehicle stoppage or started from its place.
* This app provides the dark mode choice which saves energy consumptions on the device.

**Needed Some changes:**

* App name tags can be improved it should be simple so the new users will know undoubtedly the use cases of the app.
* Search is not achieving properly when exploring one word of vehicle number that should be optimised.
* If the app gives the option to share the latitude and longitude so, the driver can go to the specific location through the use of the map. Or the owner of the vehicle can reach near the vehicle in an emergency case.
* The app functionality is good but still can improve more. so, can work on API to improve that.
* App size is too big of 56MB which should be small so some old mobile that has less memory can use in an efficient way.
* We should work on time complexity so the app process will improve.
* The map can connect with any map app like google map/Here maps so the live tracking will be more helpful and effective.
* In the search bar for a vehicle number plate, we can use speech recognition by using automation and number plate detection by using ML and AI.
* Sometimes the application was not working when I opened it. It was showing please wait and not able to do any task when my internet also has good speed. **Prefer screenshots:**

