Track Your Vehicle

[cB]

A real time fleet managment

Purpose!!

A. To keep a track and record the precise facts about vehicle utilization.

B. To Enhance the productivity of the vehicle fleet by tracking their location, speed and stoppages.

C. To save the operational cost and track the fuel usage to prevent the fuel pilferage.

D. Bring efficiency in the existing fleet service by suggesting best possible routes using various machine learning algorithms, dynamic route assignment and real-time route updates.

E. Enhance company efficiency by managing end-to-end workflow.

F. Help faster decision making by Real time integration with command center, real-time alerts/updates and by projecting real time location of Vehicle.

G. To provide mobile app-based   notifications to concerned users and drivers about the trip allocation and closure of trip, amount charged etc.,

Components

Our application has 3 components in it.

➜ **ANDROID App**
In the Field with the Driver
Options to track payment/get feed
/view history/ mark/report various
instances.

➜ **DASHBOARD**
In Control Room
Containing a dashboard with various
options to allot/cancel/driver
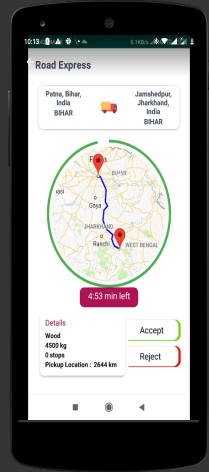analytics/real time location

➜ **Data Analysis**
Reports
Find the effectiveness/possible scope
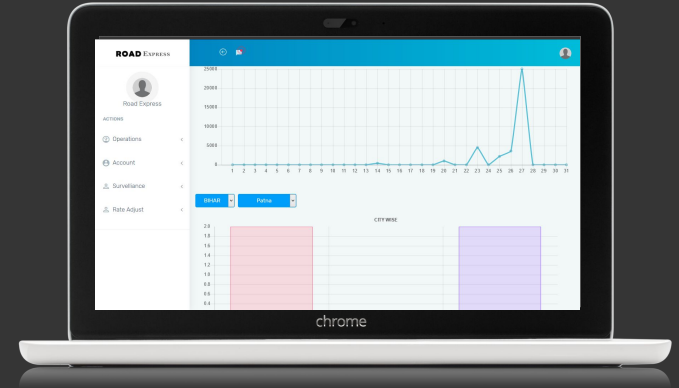of improvements/weak points/threats
etc

App! With Driver.

- Real Time tracking of(GPS+MOBILE NETWORK) of the Driver on the dashboard provided.

- Route planning ,driver workflow management

- Reports of their last drive ,total payment,fuel tracking

- Can receive notifications,sms ,email from Dashboard,etc

- Can communicate with other officers and share information,through app

- If they are overspeeding a notification will send to app.

- Best route shown for navigation.

The Dashboard!

- Real time location of the vehicle (like Uber)

- Trip calculation report

- Detailed activity report

- Vehicle summary

- History report (showing path taken by the vehicle)

- Start and stop report
- Route deviation report
- Working hour/efficiency reports

- Payment report for users (Based on trips per vehicle per day)/Ledger

- The reports generated from system should be sufficient to calculate the performance of the entire system.

- To receive daily summary reports as required by the user
- Dynamic reporting system

The Admin Dashboard!

○ Enable admin to add, edit and delete the user. The admin should be able to control the information to be viewed by the user.

○ Enable admin to assign vehicles to the driver of the specific ward or designated by the concerned authority.

○ Master management feature to maintain master such as Vehicle, Route, Geo-points, Geo-fence, GPS device-Vehicle mapping, etc.

Analysis Part!

- Dynamic route planning according to real time data.

- Driver rating by taking various parameters(behavior and report cases of aggressive driving, device tampering, fuel theft, working hours, start-stop report etc)

- Fuel tracking (according vehicle mileage ,distance and speed ratio)

- All trips history route can be seen after trip and reviewed

- Best Driver for that route will be automatically allocated on the basis of history data.

- Best route will be decided according to our previous data

Thank You!