

VGO: A Platform Where You Easily Share the Ride & Reduce the Cost

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Abstract— VGO is a websites there are two types of members consist in this websites: the vehicle's owner (bike, car, bus, truck etc.) and the co-traveller. There's the vehicle's owner who's traveling solo with empty seats in his/her car. Then there is a co-traveller who's in need of a ride to another city. If you're a vehicles owner with empty seats in your vehicles you can offer a ride on VGO to split the travel costs. If you're co-traveller, you can do a simple search on our website to see who's offering rides to your destination. With VGO easy-to-use platform, a co-traveller can message the car owner directly to book a seat.



Key words: VGO, Easily Share, Ride, Reduce

I. INTRODUCTION

We design a platform to utilize and share personal transportation in an effective manner. Assume that you are required to attend an urgent meeting regarding your company's financial state.

You rush out to find that you have missed the only transport available toward your company. In such a situation you should be able to notify others who are travelling in the same route that you are in need at a particular point.

This kind of usage is completely based on mutual understanding between you and vehicles owner, for eg, you both can share the petrol cost or something of that sort of mutual benefit or individual benefits served. This platform creates a unique space, enabling exchanges between people who might have never met otherwise but who come together to share a ride

With the help of this websites we will try to decrease the traffic problems in India and also decrease the air pollution and also reduce the cost of ride.

II. HOW IT WORKS CO- TRAVELLER

A. Find a ride

- Just enter your departure and arrival points and your travel date and time
- Choose a vehicle's owner going your way.

- If you have questions, you can ask the vehicles owner or driver before booking
- You can easily check out the vehicles' owner's trusted profiles, including rating left for them by other members

B. Book Online

- Book your seat online. You will the vechiles owner's phone number to arrange the final details
- You can also contact the vechiles owner via private message you have booked your seat in her vehicles

C. Travel Together

- Bring exact change to pay the drivers your contribution during the ride.
- Remember to leave a rating for vehicles' owner after the ride, it means they are more likely to leave one for you

III. HOW IT WORKS VECHILES OWNER

A. Offer Your Ride Online

- Enter the date and time, pick-up and drop-off points, and your price per passenger
- Give specific pick up and drop –off points, like a street or a situation. It will help you get more passenger.

B. Your Co-Traveller Book Online

- When a co-traveller books a seat in your vehicle's, you will immediately get their phone number to arrange the final details
- You can check out the details of your ride group any time you log into our websites.

C. Travel Together

- Agree on your specific pick-up and drop-off points with your co-traveller before the ride.
- Add a photo of your vehicles. To your own profile: it will help your co- traveller find you at meeting points

D. Your Co- Traveller Pays You

- Your co-travellers will pay you their contribution in cash during the ride.
- After travelling together leave a rating for your co-travellers – they will be more likely to one in return.

E. Complain Portal

If in case vechiles owner or driver or other member show the mis behave or any problem you are able to submit your complain in our complain portal.



Fig. 1:

- Provides easy and strategic methods of online recording and tracking customer concerns and complaints.
- Each complaint's history is easily accessible and provides a completely updated status of how a complaint is progressing through the organization and what actions have been taken, if any.
- Complaints can be recorded by any user, but are reviewed by a Complaints Administrator, before being accepted into the complaints workflow.
- Links into Document Control and allows one to attach key documents to the complaint.

F. How does VGO Make Money

VGO Business Model is pretty straight forward in terms of understanding. it takes a cut (ranges from (5-7%) of the cost of the ride from point A to point B.

Consider this example:

1) Four wheelers

- A Trip from lucknow(India) to Delhi(India) will cost a self-driver, owner of the car at least, 5540 INR (554KM * 10 Per KM)
- There are 4 more seats (excluding the driver) in the car i.e. 1108 Rs per seat (No Profit, No Loss)
- If the seats fill out and the driver pays for his own share – he has not made any money in the transaction but has reduced his travelling expense (which is an earning though)
- Vgo calls these people who drive as ambassadors – and books seats on their behalf prior to the trip
- The travellers pay vgo for the trip and in turn the company pays the drivers post the trip is complete after deducting a 5% fee on the total collected by vgo
- In this example the driver will never make a profit because that may result in regulations concerning taxi in that particular country and vgo does not want to get into that, thus their route prices are mostly fixed and they do not stuff the car with more than 3 passengers

2) Two wheelers

- A Trip from Amethi(India) to prtapgarh(India) via bike will cost a self-driver, owner of the vehicles' at least, INR80 (40KM * 2 Per KM)
- There are one more seats (excluding the driver) in the bike i.e. 40 Rs per seat (No Profit, No Loss)

- If the seats fill out and the driver pays for his own share – he has not made any money in the transaction but has reduced his travelling expense (which is an earning though)
- Vgo calls these people who drive as ambassadors – and books seats on their behalf prior to the trip
- The travellers pay vgo for the trip and in turn the company pays the drivers post the trip is complete after deducting a 5% fee on the total collected by vgo.

3) After Implementation of Project

- The solution must be supportive to every sector of the people and should be easily grasped and adapted by the user.
- The solution should addresses both security and authentication where users and computer data is not misused by any means. It should not disclose any personal detail that deal with both user and commuter that may lead to jeopardizing either of them.
- The design should also be functioning properly in remote areas with small bandwidth of internet connectivity the design must also equip all the safety measure and with option that concern the user while travelling like sharing the number plate of the vehicle is he/she travelling in.
- The kind of user interface you create must also be adaptable to every person and easily understandable.
- The solution must handle all the ambiguity identified as in case of both the user and commuters.
- How vgo is different from other like uber and ola.
- The vehicles registration is necessary in other portal like uber and ola but in our portal the vehicles registration is not necessary
- In our portal all types of vehicles can be used but other portal not give the facilities of all type of vechiles like trucks loader bike car etc.
- With the help of this portal people easily travel any place in any time because rural area we see many problems like sometime private transport not available during night but with the help of this portal easily find who travel the same route then easily send the request for lift.but this facilities not available. In others.
- Vgo cover the both urban and rural area but other portal like uber ola cover only urban areas.

G. Benefits of VGO

1) Share the Ride & Cost

- With the help of vgo platform we easily share the ride and cost for example
- A Trip from lucknow (India) to Delhi(India) will cost a self-driver, owner of the car at least, 5540 INR (554KM * 10 Per KM)
- There are 4 more seats (excluding the driver) in the car i.e. 1108 Rs per seat (No Profit, No Loss).



Fig. 2:

H. Reduce the Traffic and Time

Vgo is also a useful for reduce the traffic and time. We know that today's every member can be travel in your own car due to this reason to create a traffic but vgo provide the facilities to share the ride and cost. A Trip from lucknow (India) to Delhi (India) There are 4 more seats (excluding the driver) in the car



Fig. 3:

I. Reduce the Polution

The magnitude of traffic not only creates congestion problems, but also give rise to a lot of other issues. Air pollution and sound pollution are two major issues that are rising to alarming proportions in the recent years.

The recent Delhi pollution should be taken up as a big eye opener for the entire country. It not only affects people who are actually driving but also people who are staying indoors. These issues are creating huge problems for senior citizens and children with the help of this VGO platform we easily reduce the vehicles if people starts sharing ride the automatically reduce the vehicles and if vehicle's decreases air pollutions and sound pollution will also be decreased.



Fig. 4:

IV. CONCLUSION

At last we can say that we provide a platform for public which have lots of benefits but may be is possible there are also have some mistakes but after implementing it we remove those mistakes on the basis of public feedback.

We take a public feedback in a specific duration of time and according that feedback we add or remove something new which become more easy to use for public.

This portal provides the best facilities to people and makes their ride easy.

REFERENCES

- [1] <https://en.wikipedia.org/wiki/BlaBlaCar>