

# DEVHACK

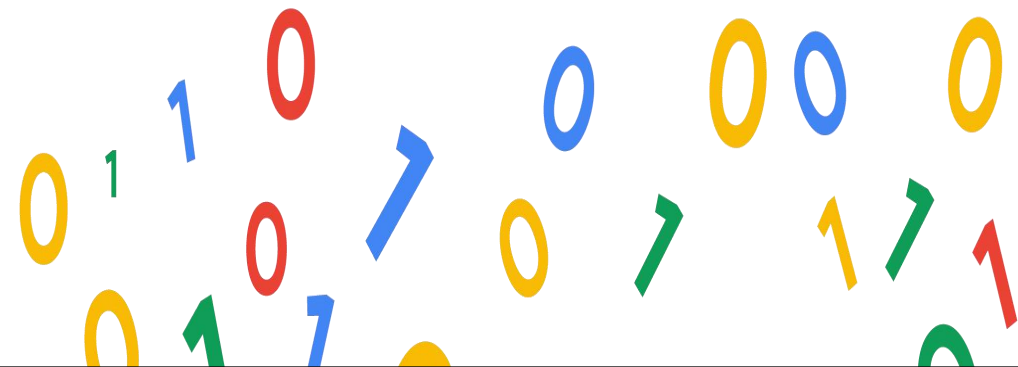


# TEAM NAME : ALPHA HYDRANOID

## TEAM MEMBERS:

- ❖ SHILADITYA ROY (CSSE , SECOND YEAR)
- ❖ SNIGDHA PANDA (CSSE , SECOND YEAR)
- ❖ SHAMBHAVI SHARMA (CSSE , SECOND YEAR)

## THEME DOMAIN - TRANSPORT



# PROBLEM STATEMENT

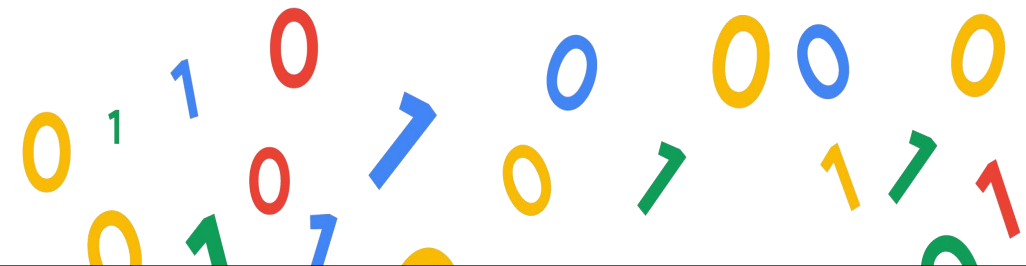
## HOW TO MAKE PEOPLE USE PUBLIC TRANSPORT MORE AND ALSO PROMOTE CARPOOLING



# SOLUTION

Before moving to the solution let us discuss some of the problems for which this initiative is required:

- The entire world is facing environmental problems due to the rise of pollution .
- The main participant is the vehicular emission to the atmosphere.
- In this busy daily schedule of the people, they do not give some time to think about the environment. So they prefer the use of their own vehicles more.
- Public transport is also there but timing issues makes them take a setback.



# SOLUTION (CONTINUED)

Now the required idea to be implemented is how to reduce the pollution. Solution to it is promoting of public transport. But now the question arises is

## How to convince people for the use of public transport facilities?

Some of the factors to be thought of in this case:

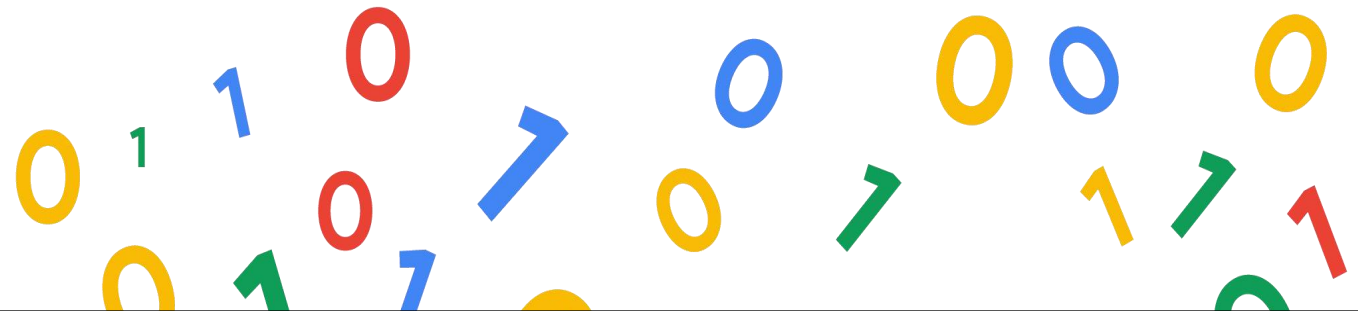
- ❖ Time efficient.
- ❖ Cost effective ,i.e, having reasonable ride price.
- ❖ Secure travel(especially for women).



# SOLUTION (CONTINUED)

❖ Thinking about environmental issues even , use of modern techniques like electric buses , cars etc can be made available for public transport.

So by the above ways , the promotion of public transport can be done successfully among the people. Along with it the maintainance of the environmental health can also be achieved.





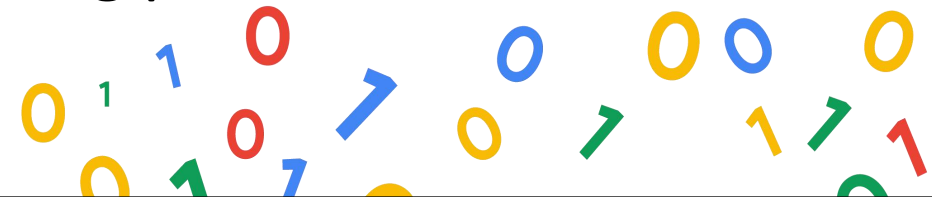
# PROTOTYPE THOUGHT AS A SOLUTION

- ✓ As a contribution by us as a solution to this problem , we created a website named as “Poolfriend.”
- ✓ It's basically a website which can help to motivate people to use public transport to the greatest extent.
- ✓ **Features ( to be thought of being applied further ) :**
  - It can be applicable for booking of cars as well as public buses.
  - The vehicles are used here is either bharat stage 6 vehicles (BS VI) or electric vehicles.
  - The website also enables online payment through many options. Also many persons do not prefer the online payment , for them there will be offline payment as well(by purchasing ticket from the counter.)
  - Safe and secure ride with a GPS enabled tracking device so that you can be rescued if any problem arises.



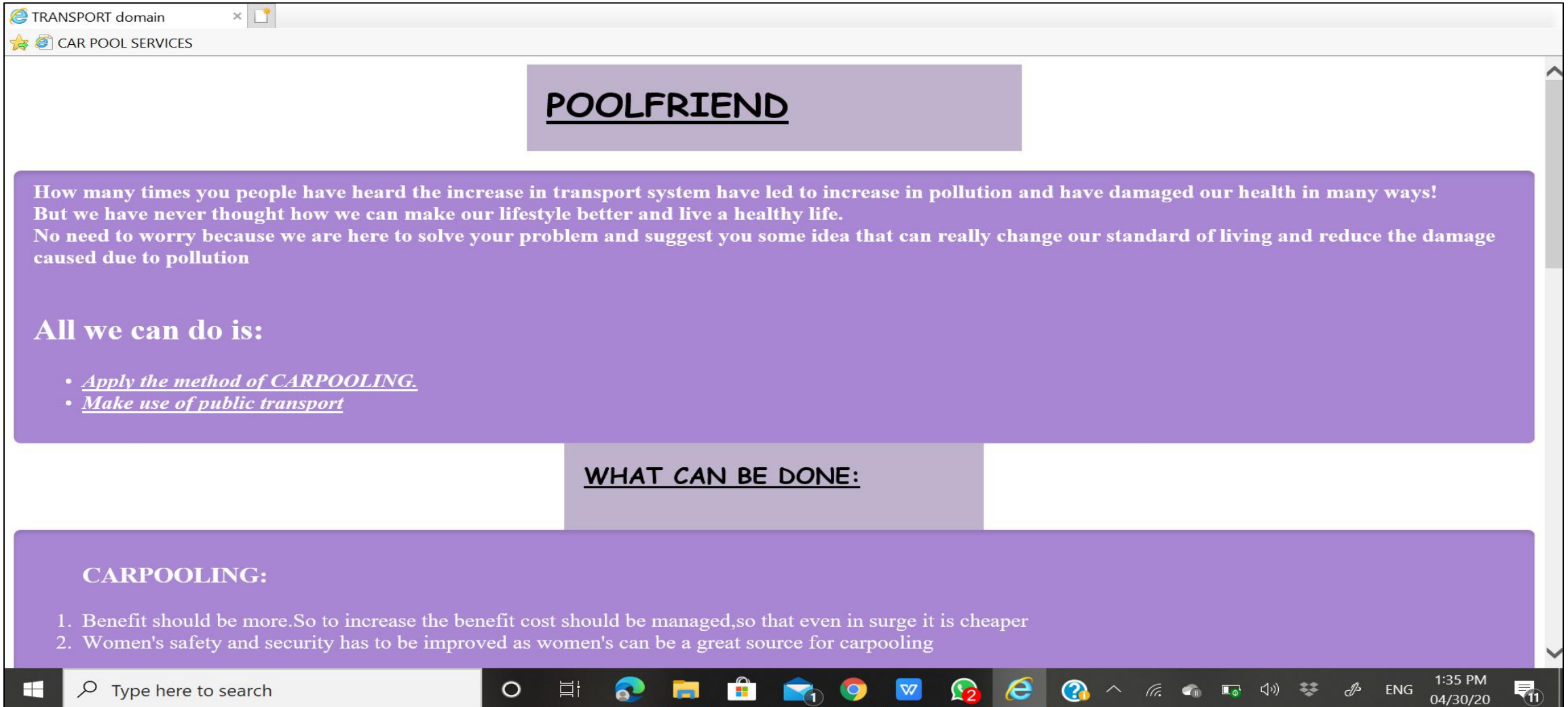
# PROTOTYPE(CONTINUED)

- Emergency security number of police for any kind of illegal activities by the driver in case of car travel. (especially for women)
  - Easy to use ,i.e, user friendly site.
  - Cost effective ,i.e, quite cheaper and comfortable rides.
- ✓ Some more additional features include:
- Use of the public cycles ,specially for the young children and college goers.
  - Special kind of service provided to physically challenged people.
  - The site is enabled with a talk back feature for the blind people, with a voice assistant helping at each stage of the booking purchase.





# SOME GLIMPSES



The screenshot shows a web browser window with a single tab titled 'TRANSPORT domain'. The address bar contains 'CAR POOL SERVICES'. The main content area displays a presentation slide with a purple background. The slide has a title 'POOLFRIEND' in a light purple box. The text on the slide discusses the impact of transport on pollution and health, and suggests carpooling and public transport as solutions. A list of points under 'CARPOOLING:' is also visible.

TRANSPORT domain

CAR POOL SERVICES

## POOLFRIEND

How many times you people have heard the increase in transport system have led to increase in pollution and have damaged our health in many ways!  
But we have never thought how we can make our lifestyle better and live a healthy life.  
No need to worry because we are here to solve your problem and suggest you some idea that can really change our standard of living and reduce the damage caused due to pollution

**All we can do is:**

- Apply the method of CARPOOLING.
- Make use of public transport

### WHAT CAN BE DONE:

#### **CARPOOLING:**

1. Benefit should be more. So to increase the benefit cost should be managed, so that even in surge it is cheaper
2. Women's safety and security has to be improved as women's can be a great source for carpooling

Windows taskbar: Type here to search, Task View, Edge, File Explorer, Store, Mail (1), Chrome, Word, Teams (2), Edge, Help, Network, Volume, Bluetooth, ENG, 1:35 PM 04/30/20, 11 messages.

TRANSPORT domain x CAR POOL SERVICES

## BENEFITS:

**PEOPLE SHOULD ALSO KNOW HOW PUBLIC TRANSPORT AND CARPOOLING IS BETTER OPTION THAN USING PERSONAL TRANSPORT SYSTEM :**

### **BENIFITS OF CARPOOLING:**

1. More interaction with society people
2. Know people around us and the culture
3. If people travel alone like from workplace to home, two people can exchange their idea instead of sitting quiet and driving

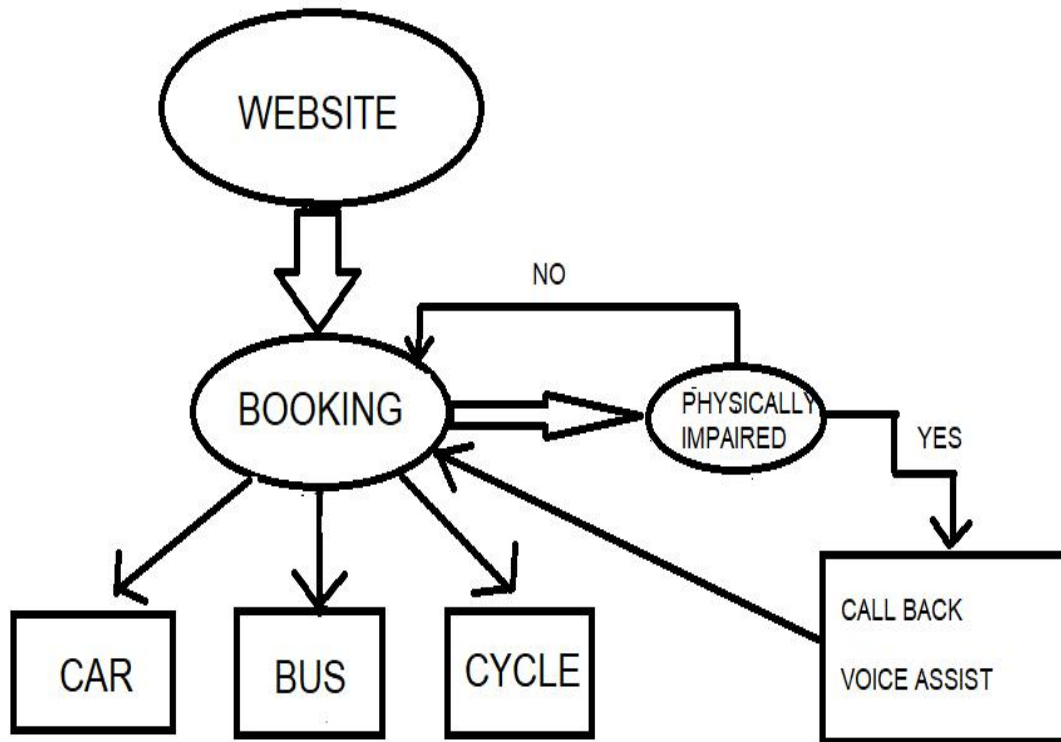
### **BENIFITS OF USING PUBLIC TRANSPORT:**

1. Enjoy a beautiful ride after work,instead of driving on their own(what many people does)
2. Cheaper than personal transportation cost
3. Less pollution

FOR THIS WE NEED TO SPREAD AWARENESS AND REACH MAXIMUM NUMBER OF PEOPLE , WORK IN UNITY AND PUT FORWARD OUR POINT TO THE GOVERNMENT AND THIS NEED THE CONTRIBUTION OF ALL PEOPLE IN A SOCIETY.

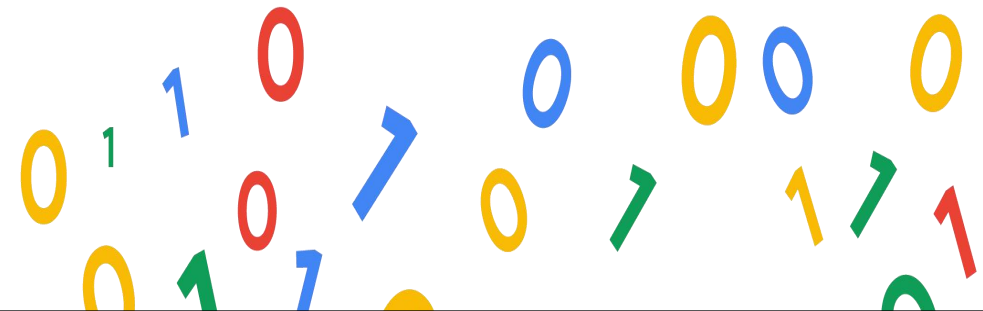
PRESENTED BY TEAM: ALPHA HYDRANOID  
TEAM MEMBERS:Shiladitya Roy,Snigha Panda,Shambhavi Sharma

# ARCHITECTURE DIAGRAM



The basic architecture can be implemented simply as:

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# BUSINESS MODEL

- **Feasibility :**

The implementation of the model/ prototype to be thought of definitely feasible . Application of various technologies can help the feasibility of the prototype to a great extent.

- **Target Audience:**

The target audience are the common people who are daily passengers . Also it will be much effective to the youngsters. They are the paths of promoting this effectively.

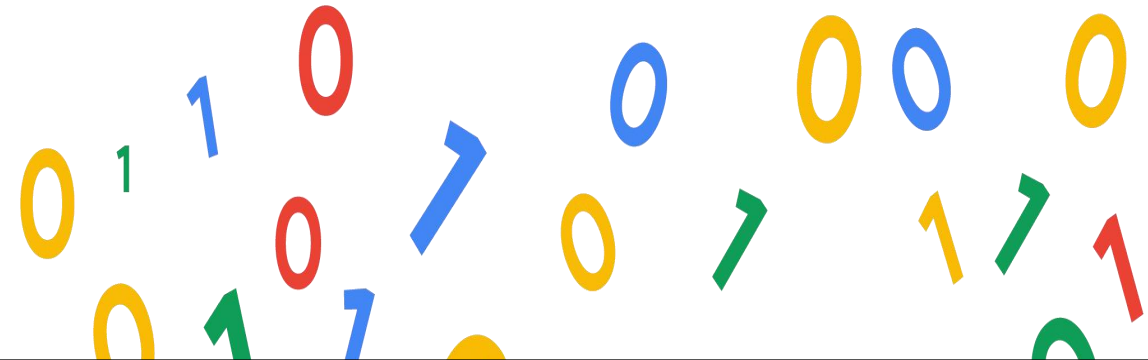
- **Budget:**

The budget used in this is being thought and processed. The expenses are kept as low as possible. We are moving by the path of demand curve in economics.

# BUSINESS MODEL(CONTINUED)

- Outstanding the rivals:

Basically the rivals will be others who are also trying to implement some ideas for effectivity of public transport and carpooling. Our idea outstands them as we are thinking a little out of the box. Our implementation is bsically to assist each and everyone who will be using our site to travel.



LET'S TAKE A STEP TOWARDS PROPER AND SUSTAINABLE  
ENVIRONMENT WITH TECHNOLOGY

STAY HAPPY, STAY SAFE

**THANK YOU**

