



Vehicle Breakdown Assistance

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ABSTRACT

Many people have difficulty receiving assistance when their vehicle breaks down on the road. Several of them do not have any automotive Repair Service providers' contact information and may not receive assistance because the automotive Repair Service Providers are far away from their places. These are the motivations for the development of this effort to aid persons in need when their automobile breaks down on the road. This endeavour can begin with an examination of roadside car breakdowns. It anticipates that through some study, the data of automobile breakdowns will be acquired to determine whether or not this project will be useful to individuals who are interested. Because it is difficult to discover mechanics in the vicinity of wherever you are visiting, the proposed application assists in finding mechanics easily and fast. This approach alleviates the problem by delivering mechanic information with a single click. The locator here allows you to seek mechanics from various areas. This online mechanic locator saves time and allows you to find mechanics in a variety of locations. The proposed application will save you time and money. The major goal is to give a better service and to make the procedure as simple as possible. The main feature of this programme is its simple and user-friendly interface. No matter where you are, our software will pinpoint your precise position with a single click and assist you in locating nearby service providers..

1. INTRODUCTION

When it comes to automobile failures, it can mean more than just the vehicle's technical flaws because it can lead to injuries and fatalities as a result of getting out of the car to check for breakdowns is frequently quite dangerous, particularly on a road where people are travelling in a hurry. According to Federal Highway Administration figures (United States), there are approximately 4,000 fatalities and roughly 60,000 injuries from edge crashes. During this event, it's ideal to get professional assistance from vehicle Repair Service providers as they're a lot of knowledgeable and for personal safety on the road as well. Because the public has limited information, contacting automotive Repair Service vendors is the primary concern at this time.

Nowadays, the vast majority of people travel by car. While travelling, the majority of drivers confront difficulties such as car breakdowns on the road. The breakdown of a vehicle wastes the user's valuable time. That is the most dangerous expertise they must face. Furthermore, the proposed application saves you time and money. The major goal is to give a better service and to make the procedure as simple as possible. The main feature of this programme is its simple and user-friendly interface. No matter where you are, our app will detect your precise position with a single click and will assist you in locating the nearest service providers to your problem.

Since it causes to induce weariness for the voyage. When a vehicle breaks down on the road, the driver must seek out a mechanic and be forced to visit a spare-parts outlet near their location.

If the driver is unable to discover a reputable mechanic, they must seek help from someone, which is not a practical technical aid for the driver. However, if the driver has a smartphone and uses this vehicle breakdown assistance, the user will be able to locate an appropriate mechanic in a matter of minutes. The key advantage is that the user will become aware of a process based on user location. Anyone looking for a car spare-part look can go to any retailer. If the user meets a technical problem with the car, this technology assists in resolving the problem by supplying technician details in a single click. The locator here allows you to seek mechanics from various areas. This online mechanic locator saves time and makes it simple to discover mechanics.

2. LITRATURE SURVEY

Vehicle Breakdown Assistance

Blood is one of the main components of our body helping in some of the major functions and its presence in right quantity is very important for proper functioning. Therefore, blood need is going increasingly and in great demand because of so increase in the numbers of accidents, surgery or diseases where blood production is very less resulting in loss of blood from the victim's body. So, it is becoming a great need to propose a system which is very much efficient and time friendly and currently proposed system of online blood donation system is not much efficient and non-real time service. We have introduced our system where hospitals can directly contact the persons who have registered themselves having blood type same as required within their

local area or person can donate blood himself to the nearest blood banks and his blood type updated in along with the total quantity of blood of different types available in the different blood banks. The time requirement of the blood by the needed has been improved effectively in our system

3. MODULE DESCRIPTION

Home Page

Our main page displays the user's current location. In our implementation, GPS is achieved by utilising the Google Maps class. This module retrieves the current location's latitude and longitude and marks it in Google Maps. When we click the toggle button, we get the user's current location

Google Play Service

We require connection with the Google Play service in order to execute our emergency breakdown service application. Google Maps and Google Places require Google Play Services. Google Play services are used to update both Google apps and Google Play apps. This component provides essential functions such as connecting our process to GPS, authentication, and so on.

4. CURRENT LOCATION IDENTIFICATION

For getting current location we have to add some permission in our project file. The permission are,

- MAP RECEIVE
- READ SERVICE
- COARSE LOCATION
- NETWORK STATE

And also create API key for our project package name in Google console.

Searching Nearby Location

JSON and marker classes are utilised to search for nearby locations. The search features are available in either a spinner or a textbox. The Google map class is used to locate adjacent sites.

5. CONCLUSION

When a vehicle breaks down, the driver must see a mechanic or a repair shop. The motorist must seek assistance from the public. This programme allows the user to locate mechanics based on their location. The user can obtain mechanical assistance quickly and simply. This can assist users save time when travelling. When a breakdown happens, the user can promptly repair their vehicle. This makes the person feel more at ease. They will not tyre on their way.

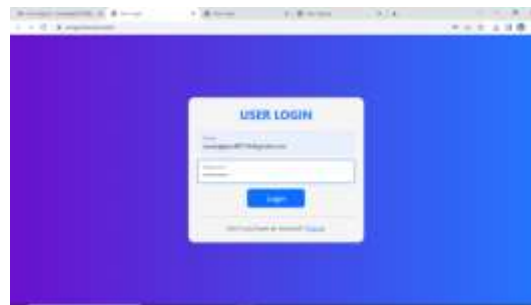
In the future, the car and spare parts shop will be organised by vehicle model. That saves time by assisting users in locating spare parts based on the type of vehicle. In addition, the list of hospitals and petrol stations can be expanded.

6. RESULT

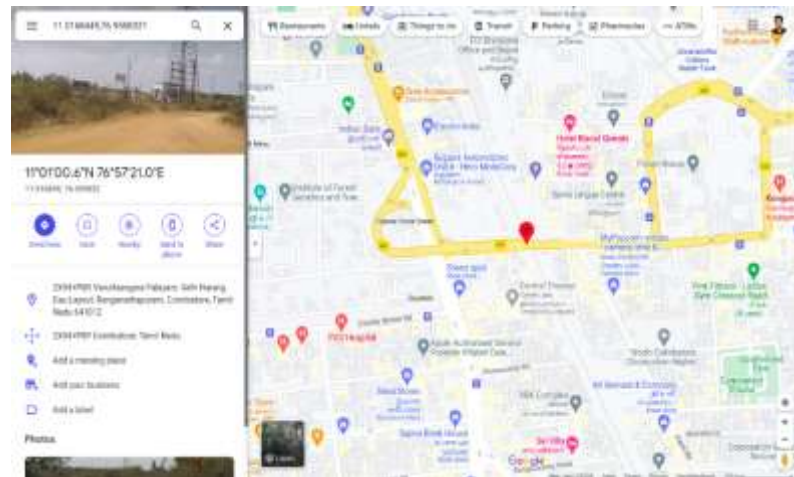
HOME



LOGIN



LOCATION

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