

# MOBILE MECHANIC

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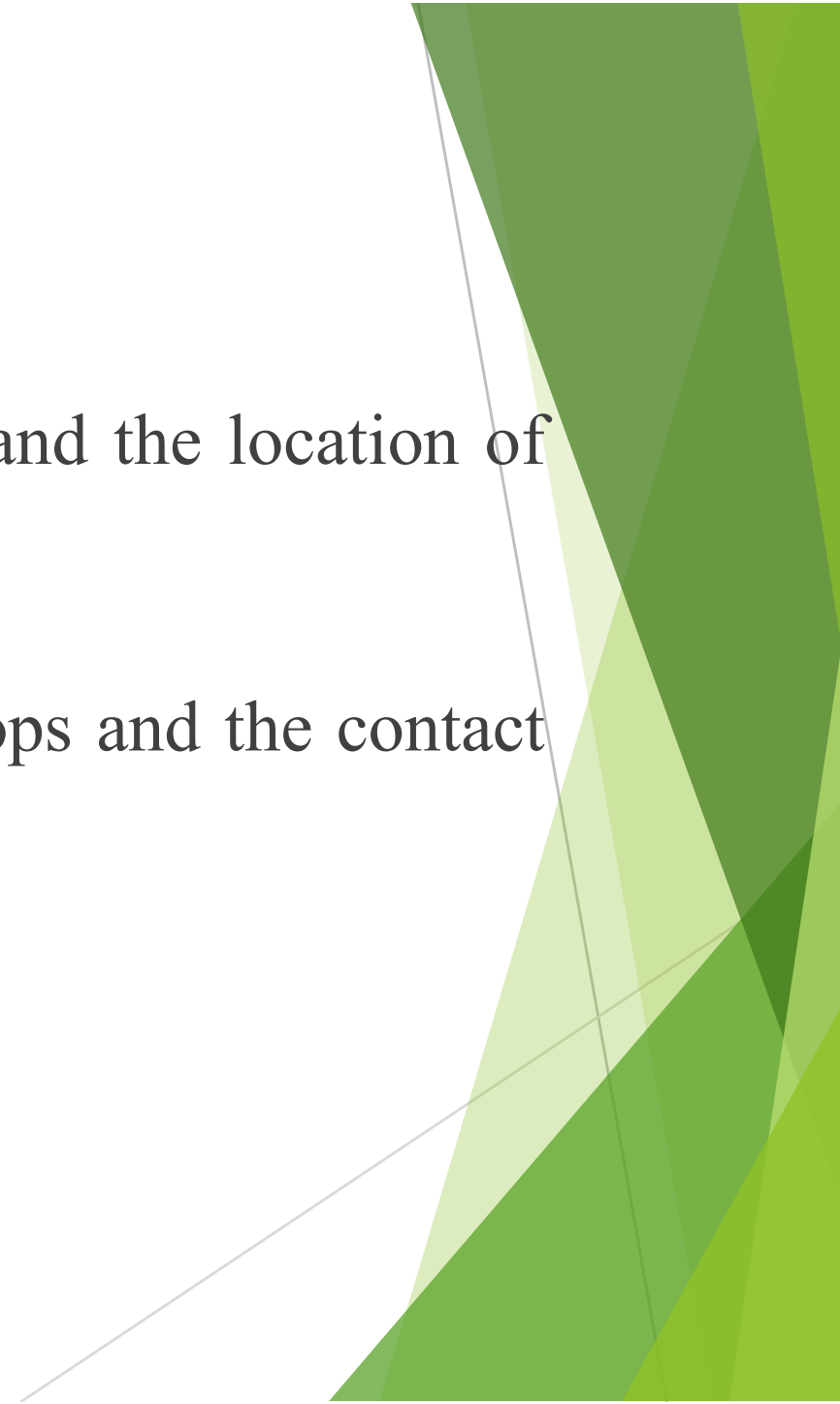
# Problem Statement

- ▶ In case of tyre burst/puncture, the nearest mechanic with contact details can be found through the app. The mechanics can be registered on the app and they will receive a notification for a nominal charge.

# Abstract

To find the nearest mechanic mobile number and the location of the workshop.

The customer can easily search the nearby shops and the contact details with the application.



# Proposed System

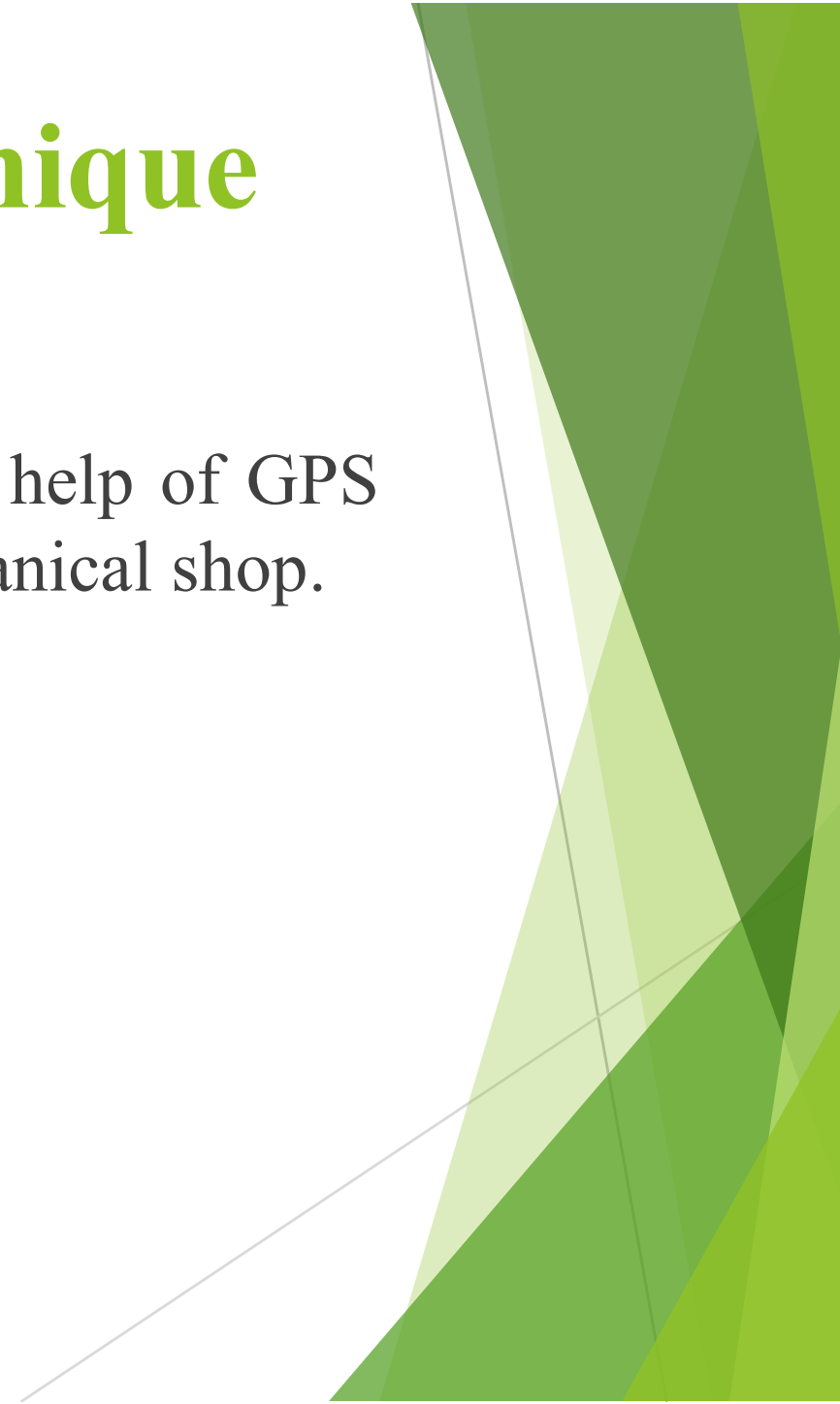
- ▶ When user travels in the vehicle and if there is any malfunction in the vehicle then this could help them to identify nearby mechanical shop information.
- ▶ In this, features such as finding the nearby mechanical shop is done by tracking our own location and sending them to the mechanic.

# Registration Process

- ▶ Users are meant to register with some following basic information such as mobile number, name, vehicle details.
- ▶ In the same way, each and every licensed mechanics have to be registered.

# Searching Technique

- ▶ It collects the user's current location with help of GPS and then this location compared with mechanical shop.

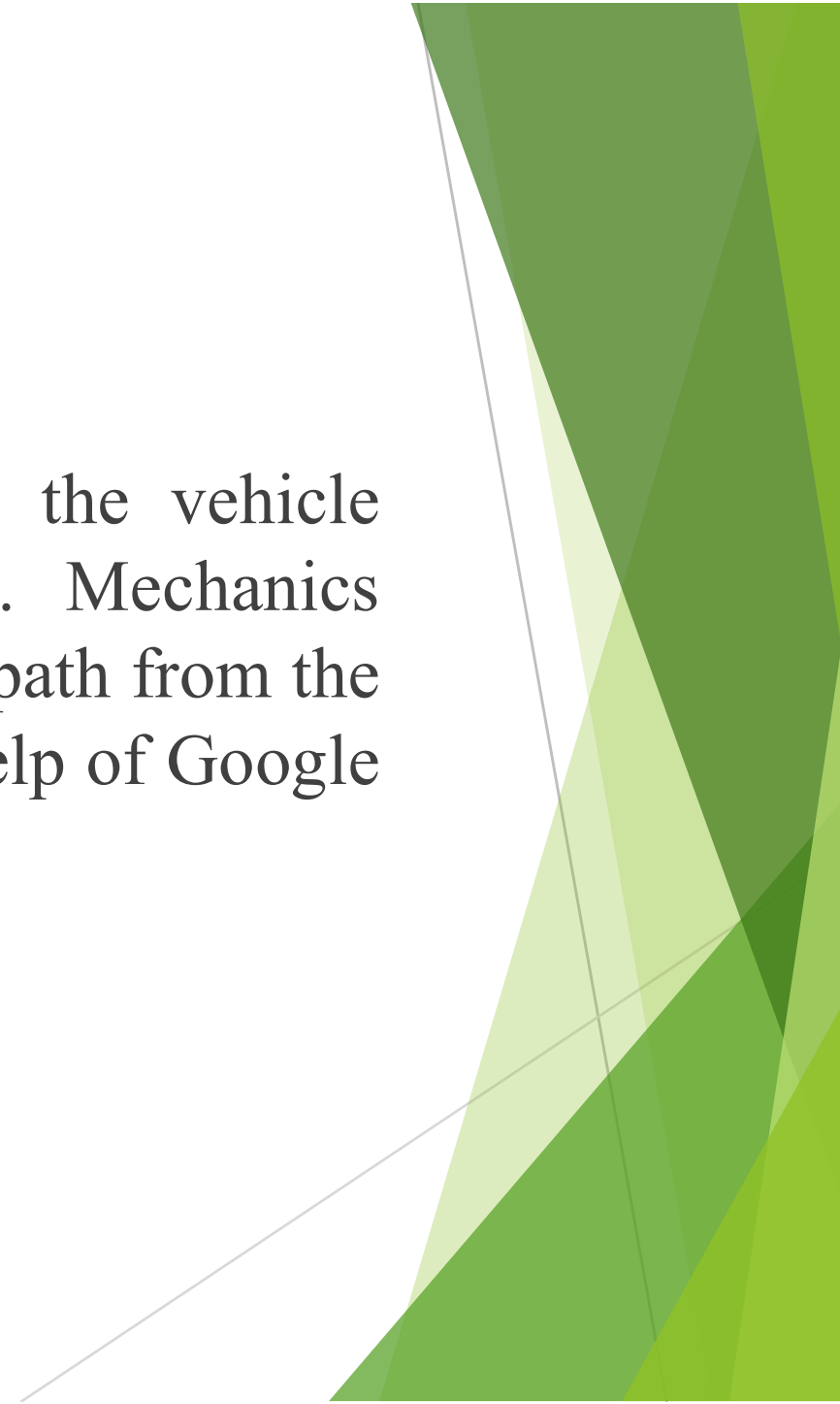


# Notification

► To gather the information about the vehicle details such as registration number, vehicle type, and malfunction on vehicle. After collecting the information notification will be send to all the mechanics

# Location Tracker

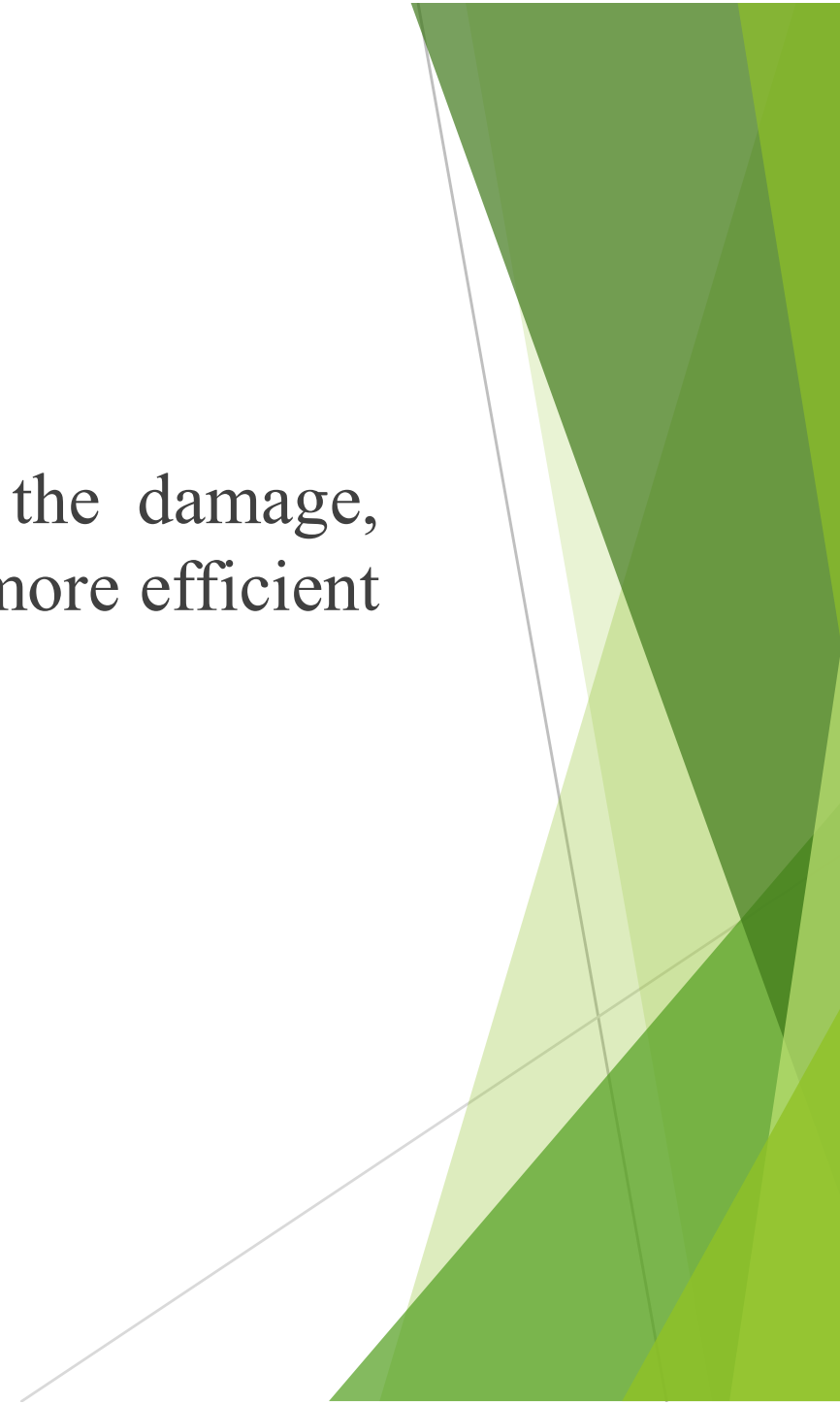
- ▶ Notification from the customer, contains the vehicle location and the place of breakdown. Mechanics receives notification and finds the shortest path from the current location to the customer with the help of Google Map API.





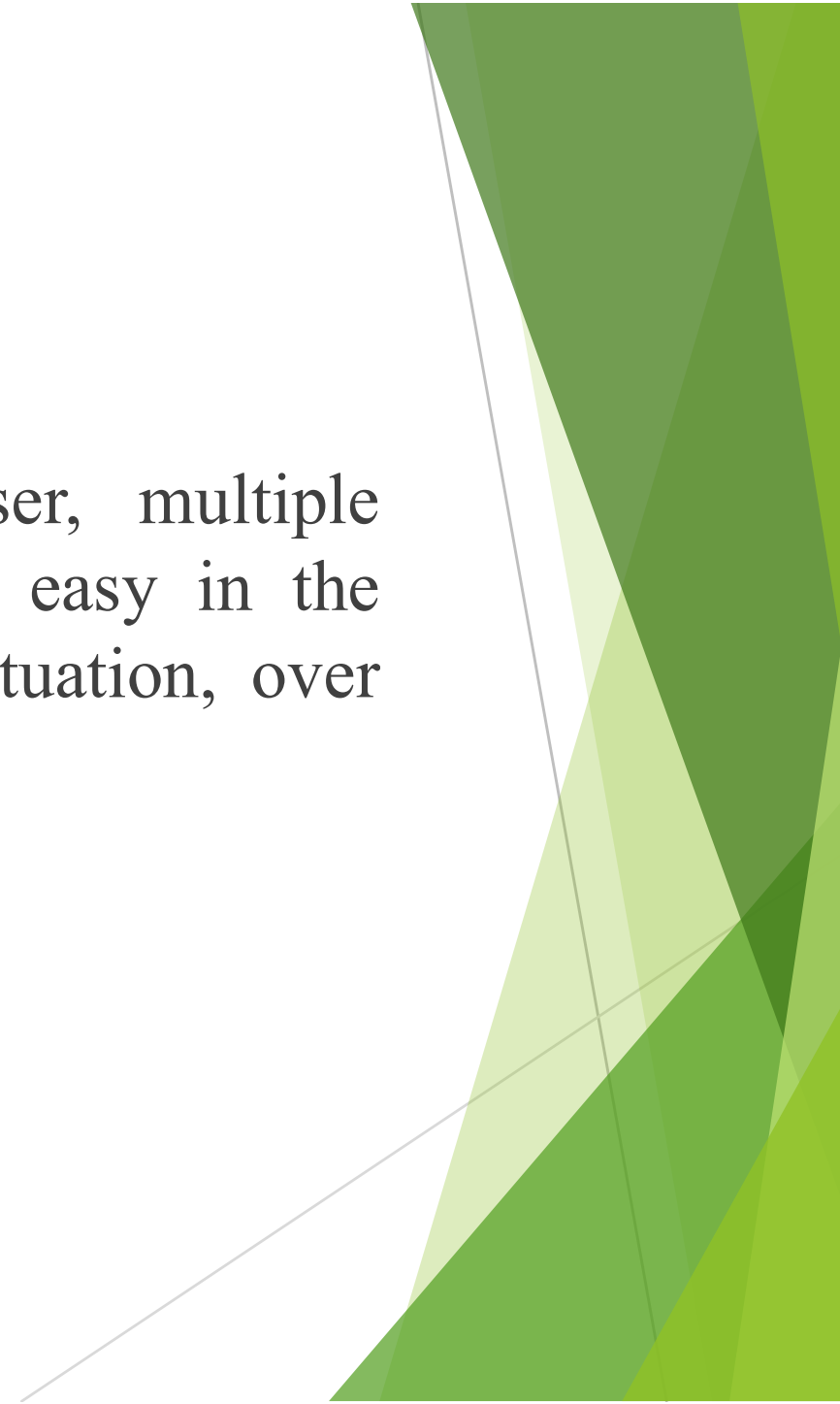
# Video/Audio Chat

- ▶ To provide the proper description about the damage, Video/Audio call Could be used, which is more efficient for the mechanics.



# Multi-Lingual

- ▶ For the easy understanding of the user, multiple languages are added, where it could be easy in the registration and also in the emergency situation, over 105 languages are present.



# Future Enhancement

- ▶ In future, the nearby petrol pumps, police stations and many Accessories shop may be found within the location of the user.



THANK YOU

