

"YOUR VEHICLE'S MANAGER"

My Drive Care

AN APP TO MANAGE YOUR CAR
MAINTENANCE

Team 4

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THE INNOVATION GUYS

Introduction

- Decreased efficiency of cars due to busy lifestyle of people and carelessness towards car servicing.
- Vehicle Maintenance is necessary for smooth functioning of a vehicle. But it skips out of most people's mind due to their busy schedule. A mobile app that allows the owner of the vehicle to fill in timely information about the services done can be a boon for the situation.
- The app uses augmented reality (AR) in sync with machine learning (ML) algorithm to keep in check with the functionality and performance of each parts of our vehicle.
- Based on the input received, the app will be able to detect what other parameters need service, when the next service is due, what parts need replacement, and so on.

Functionality

So, **My Drive Care** is a life savior for people, the app consists of various functionalities which are as follows:

AR Assessment

It uses AR Technology to analyze your car's condition. The high-level AR kit comprises of almost all sort of parts of various companies. It will help you to know how different colors, or wheel alloys or other editing will embrace your car as you can use MDC to incorporate that particular change on your car through AR functioning. It can even be used to get the final result of your car after a particular type of service. Isn't this fun?

ML Model

The efficient ML model of MDC will help the user to grade a particular part of car just by scanning it. Select your vehicle part and use your mobile camera to scan and upload the photo of your car's part. The MDC ML model will grade it and will tell you, whether it needs your attention or not.

RFID

The app consists of an RFID Tag, as soon as you enter the service station the RFID Tag receiver will scan it and then your car's details will be passed on to the service station. Such that making it easy for the station to work on your car.

Smart Reminders

The app will remind the user for frequent services. The app shares data with trust worthy stations (to whomsoever you agree to share data) to have a constant eye on your car's functioning.

Bills and Payments

MDC takes care of all your payment history, from small services to large modifications, MDC will look into everything.

Application

Every day, we are so busy with our lives that almost every time we forget to service our Vehicle, especially the tyres.

Tyres, even though most important, are the most ignored.

Our software will keep checking on the quality and the functioning of tyres and other parts as well.

Once any of the parts' quality happens to fall below a certain threshold or does not meet the quality check, the software prompts us about the need of servicing.

This will help us with a safe and comfortable drive, and increases the life of our car.

This also allows us to take one thing off our worry list, as the M.D.C will take care of it for us.

Payment Bills too, MDC takes care of your all payment history, even from small services to large customization, MDC will look upon everything.

It's a WIN WIN situation everywhere!!!