

Auto Garage Finder Android App

Yogesh Bhoje

E-mail id : bhovey840@gmail.com

Student

Guru Gobind Singh Polytechnic, Nashik

Bhaskar Gaikwad,

E-mail id : gaikwadbhaskar188@gmail.com

Student

Guru Gobind Singh Polytechnic, Nashik

Krushna Padvi

E-mail id : padvikrushna9@gmail.com Student

Guru Gobind Singh Polytechnic, Nashik

Mrs. Dhanashree S. Joshi

E-mail id:

dhanashree.joshi@ggsf.edu.in

Project Guide, Guru Gobind

Singh Polytechnic, Nashik

Abstract:

In this system, the Auto Garage Finder System allows the user to keep record of all garage operations. It is an android -based tool that allows the user to search the garage shop , check for repair estimates, and schedule deliveries, among other things.It that has been maintained and will be able to send service reminders to clients depending on the service dates. Admin access to the Garage Auto Garage Finder is restricted. The administrator will be able to keep records of various users such as supervisors,

receptionists, and principals, among others. It's a smart online Android based App that can help garage owners keep records of events that occur in the garage. Customers are served by Auto Garage Finder based on their servicing requirements. The major goal of this initiative is to eliminate manual labor. This application is capable of assigning engineers for their respected work.

Keywords:- Active garage, Android app, E-garage, Nearest garage list,.

1. INTRODUCTION

In today's developing era, the numbers of vehicles are increasing in almost all over the world. So

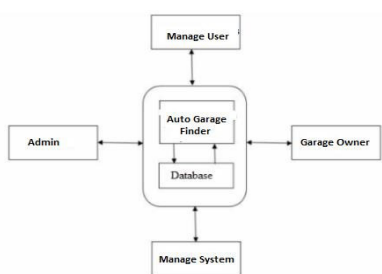
providing efficient service to each vehicle user is a challenging task for garages in future. And vehicle users have to stand in queues to get service. Using this application the user can locate the nearby active garages /mechanics and communicate with them to get service in need. The purpose of designing this application is to facilitate the user as well as service provider (i.e. garage) users will be benefited because they do not need to move the garage which ultimately saves the time, effort and money. On the other hand (for the garage) the number of users increases which increases the turnover and gives high return of investment. The proposed Android application is Android based, requires internet connection and will provide a platform for garage owner, customers. In this section we have demonstrated the various stages such as user have to register himself/herself on this application either as garage or vehicular user or customer. After signing up user can login to application by providing the user name and password. Then user will provide their vehicle number which will be verified by using an API, then user have to choose the problem form given list on basis of it user will be provided with the list of nearby active garage and services offers by them along with cost .User will have freedom to choose any garage from list as per his convenience and will send request to garage to get service. Garage can either accept or reject the request. Users will be provided service details such as estimated time, cost on the basis of it, users also have the

option to reject the response of one garage and can choose another. After acceptance from both sides, service will be provided and after completion of one services admin will be notified by garage and customer will give feedback about the service

2 . PROPOSED METHODOLOGY

1. Signup Module
2. Creating Profile
3. Admin
4. Garage Information
5. User

• Block Diagram



3.ADVANTAGES

1. saves time
2. It is user-friendly
3. Improved security.
4. Easy to integrate
5. It is the fastest method

4. DISADVANTAGES

1. Require Android Phone.
2. Require Internet Connection

5. FUTRE SCOPE

Most of the people are having vehicles but they don't have time to spend on vehicle service. They can use this platform to service their vehicle by a trusted service provider. Users will be able to search the garage and request them for service. Easily select the problem and garage and take service from that. Also provide the service at location from where the request has been made whether it is remote area or area under coverage, this can be widely used to facilitate users in all

over the country since there is no solution for it. It also promotes the provider business and increases the number of users and return of investment also. Future scope in enlarging the system we can add one more module where the user will be provided a rent based vehicle in case he/she cannot wait till repairing. Users can connect and inform each other wirelessly if they are passing close to each other so that users can also help each other in need.

6. Conclusion

To overcome the drawbacks of the existing system of automobile servicing, this application will provide a platform which facilitates users who wish to take services at its location as well as in emergency also and will increase its business value

.User friendly GUI and quick response will attract the user. It will increase employee opportunities.

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