

Project

Abstract

Prepared By:

Shajini k

MCA 4th SEM

Remote vehicle break down assistant

This android application is going to be a good solution for the people who seek help in remote locations with mechanical issues of their vehicle. The user can avail help by installing the application and get access to the nearby mechanic and get help from them.

Rvba will reduce user's time and cost

In an existing system there are users who have their own mechanic which is very minimal. It is not possible to find out the suitable mechanic for the desired service at remote locations. To maintain and search mechanics in rural areas is tough. More human effort is required. It is time consuming.

The proposed application helps to find mechanics easily and quickly. Users can easily find the nearby mechanics and find help from them. Only the licensed mechanics can get listed here while searching. And there are available mechanics who can come and repair the mechanical issues in the user's vehicle.

To develop a platform which improves the efficiency of mechanics and users. To build a common platform that connects with mechanics and is user friendly. admin will verify(approve/reject) mechanic after they register to the system. The required specifications are flutter and firebase.

Modules

Admin

- Login
- User management:
 - User accept / reject
 - View user profile

Mechanic management

- Mechanic accept / reject
- View mechanic profile
- View / delete feedback
- Send message (common)
- View payment
- Sign out

• Mechanic

- Registration
- Login
- View / edit profile
- Add, view and edit services
- view request from users
- Track user
- Add bill
- Receive payment
- View rating
- Sign out

• User

- Register
- Login
- View / edit profile
- View mechanics and services
- Send request
- View bill
- Payment
- Add rating/sign out

