# PROJECT REPORT

**on**

**Vehicle Maintenance**

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### Statement about Problem

### This project aims to make people carefree about the maintenance of their vehicle. Finding a reliable and honest automobile repair garage can be tough, so there’s a need of a source to provide us with reviews of garages. At times, we are short of fuel and the location of a nearby fuel pump is required.

### Objective

### Objective of my website is to provide the user with all the best local garages, service centers, fuel pumps, showrooms and accessories shop in his area and reduce the manual work to go places in search of the best service available.

### Users can search a service center/local garage according to the locality, pin code or the name. User can filter his results according to his desires. User will be provided with all the details about the shop (name, picture, address, map, contact number, rates, reviews etc.).

### Scope of the Project

### My project can further be expanded to cover each and every city to have a wide range to select from. Further it can also be expanded to a country-wide level.

### It can also be incorporated with several websites providing guides and apps for some other use such as cab service etc.

### Process Description

### The project will comprise of different modules. Those modules can be:

### Home Screen: This will be a welcome/home page to the website which will comprise the different options like search for a service center, search for a showroom etc. It will also include a logo of the website along with an animation to be more user friendly using CSS, JavaScript and tools like JQuery. It will include About and Contact Us modules along with side menu.

### Sign-Up Module: This module will allow user to create their IDs on our website which will be needed for posting their reviews or ratings about a particular service and forums.

### Login Module: This will provide user the facility to login to their accounts by providing correct usernames and passwords. Login will be required to add their garages, service centers or showrooms.

### User Dashboard: This will provide user the facility to search and filter services according to their needs. List of shops along with information about them will be saved in a SQL database which will be retrieved according to the query submitted by the user.

### Review/Rating: Users can provide their reviews and ratings for every showroom or local garage that they come across in our website.

### Register Shop Module: This module allows the shop owners to get registered with us. Any shop/service center that wishes to register should provide correct details about themselves. Once the details are approved after verification, that shop/local garage will officially be registered.

### Self-Repair Module: The purpose of this is to provide information that can help you diagnose and understand common automotive problems so you can decide the best repair approach. It will include some relevant videos as well.

### Resources

### Software Requirements:

### Apache Server

### WAMP/XAMPP Server

### Platform to edit PHP Code (Notepad++, Dreamweaver, etc.)

### SQL Server (for database)

### Other Requirements:

### Internet Connection

### Web Browser (Chrome, Firefox, Opera, etc.) with HTML5

### 1 GB RAM or above

### Processor Speed 1.0 GHz or more

### Operating System

### Windows XP/7/8/8.1/10

### Technology Used

### HTML/HTML5

### CSS

### Bootstrap

### JavaScript

### JQuery

### AJAX

### PHP

### SQL

### WAMP/XAMPP Server

### Contribution that project will make

### This project would make a significant contribution in the day to day life of all vehicle owners. They would no longer have to worry about car broke down at an unknown place, our site will provide all the contact details of nearby repair shops.

### Limitations

### Internet Connection is required. Database storage. Each service center or local garage shops might not be covered in the website.

### Conclusion

### This vehicle maintenance website will be a very helpful resource for all those people whose lifestyle is dependent on some or the other vehicle.

### This project with the use of technologies like HTML, CSS, Javascript, JQuery and AJAX will provide the best User Interface possible for the end users.