

DOOR STEP BIKE AND CAR SERVICES WEB APP

ABSTRACT

while travelling in a car or bike most of the people are facing problems like lack of fuel or mechanical problems in remote areas and city/town limits. So, during these situations customers face problems in taking car to the nearest petrol and service stations. Main aim of the project entitles a direct connection between customers and service providers like fuel providing or any mechanical issues with an web application. The web application is user friendly and involves three key participants customer, service station, fuel station. The customer, service and petrol station providers has to register through the web application with valid credentials. whenever customer need a service, request the service based on their customer location by applying the shortest path algorithm request will raise a job sheet for the nearest service / petrol station. our model displays a list of several providers, which are filtered based on their rating and radius. The customer can choose the service providers from the list displayed by the model. These requests are raised to nearest service providers, the delivery time and cost is based on distance and services given by provider. After delivery the customer gives feedback to the provider.

OBJECTIVES

1. Provide service in such way that even middle class peoples can also utilize service without cost more and customers should be satisfy.
2. **Time Saving:** None of us really liked making effort of going to a fuel station and they waiting for the turn in order to simply get the car's tank filled. And with the arrival of an On-demand fuel delivery web app, we can save a lot of our time, energy and efforts by simply booking and ordering the fuel at our doorstep whenever required.
3. **Help for Emergency situations:** This is very helpful in emergency situations as the fuel delivery and mechanical services are available 24×7 to the customers.
4. Taking fuel from near fuel station will increase in revenue of particular fuel station (i.e So no problems are faced by dealers and distributors).
5. Customers can make Pre-Booking fuel in advance for Door step.
6. provide Job opportunities.

Prototype:

https://drive.google.com/file/d/1NHWcGiKzpfO5kudGFDU_pk1KBHwbhzVa/view?usp=sharing

Feature Improvements:

Present Website provides fuel and mechanical services, In future based on customer purchases and utilization of application service will provide a offer and also discounts.

New services also will added like

- Spare parts buy and selling
- Bike and car washing slot booking
- Painting Works