



**Web Development**  
**Team name: HTMLites.**

**Team member details:**

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**Proposal 1:**

**Website Development.**

# Content:

## System Name:

- “The Rescue Company”
- “trc.com”

## E-Business Category:

- Business-To-Consumer(B2C).

## Possible users:

- Vehicle owners who are not insured.
- Individuals who are in need of roadside assistance and concierge services.
- Households in need of Liquid Propane Gas cylinders and refills.
- Customers who would like to purchase fuel when they are stuck on the road.

## Value Added:

- Provides an alternative to people who cannot afford the monthly premium for insurance.
- Creating employment opportunities for freelance mechanics.
- Convenience of having fuel and gas cylinders delivered to your door.
- Convenience to get fuel by just typing out help on our website at any place
- Safety of the consumers, since their cars will not be hijacked.

## Technologies:

- HTML
- CSS
- JavaScript
- SQL
- C#
- Libraries (dll)
- React
- Visual Studio

## Business case description:

### Executive Summary and Problem statement:

The name of the system is The Rescue Company ([www.trc.com](http://www.trc.com)) and is aimed at a global market of motorists and vehicle owners that require assistant but cannot afford the monthly premiums of a service plan and insurance. More people find themselves stuck especially those which are using personal cars to go to work, students who uses buses to go to campuses. The price of fuel is high and people spend a lot of money to just go and buy fuel as the fuel providers such as engine, Total, Are very far.

## Analysis of the situation:

As the price of petrol and mechanics rise, we are going to experience a lot of problems. More people will be facing difficulties when coming to work, Students will be delayed for their classes and on a high crime areas people will find themselves needing assistance and they can also get hijacked or even smuggled. Worker could lose their jobs for being late to work for several days. Students could find themselves struggling because of delayed busses.

## Options – Solution to the problem:

The system will assist motorists who require the services of a tow truck, emergency mechanic responder if the vehicle is stuck without fuel or engine coolant, a responder will be dispatched and sent to the customer's location to assist. Our goal is for the system dispatch a responder to the customer in 30 minutes, possibly less time in high crime areas. How we hope to achieve this is by linking our system and many mechanics and auto body shop, who must be sufficiently qualified, and background checked, and the system will find the closest mechanic to the customer to respond.

If a mechanic (responder) is for some reason rated low or late to the location, they will be banned from using the service for 30 days. The system will not only focus on motorists, as there will be fuel sources on sale for people who just want to buy Liquid Propane Gas cylinders that are filled or if they would like to stock up on diesel or petrol to avoid the ever-changing fuel prices. There are numerous risks involved with a system such as this, one of which being the transport of fuel and the gas cylinders. To combat this risk, we would need to purchase special containers and vehicles to transport the fuel safely to prevent any leakage accidents.

To ensure that there are no fake mechanics to act as responders, all mechanics that wish to work as responders will undergo a thorough background check to validate their company registration details with the CIPC and for individuals, we will check that they are sufficiently qualified, with an NQF level 6 qualification or equivalent anything related to mechanical technology. For any responder that is found to have counterfeit documents, us as the company will undergo legal proceedings to press charges against them.

## Initial costs:

- License to sell petrol: R1 000 once off R500 annual fee
- CIPC Company Registration: R1 980
- Addis Jerry Cans: (25l \* 100 \* R300) = R300 000 for 100 containers
- Petrol 95: R25.42 per liter
- Petrol 93: R24.99 per liter
- Diesel 0.05%: R24.52 per liter

## Remuneration:

- Mechanic Responders: R40 per hour + R20 per Kilometer
- Fuel Delivery: R25 per Kilometer

## Benefits:

According to News24, up to 70% of all registered vehicles in South Africa are not insured against accidents or damage. We are targeting these vehicle owners that are apprehensive about paying a monthly premium to ensure your car is covered from damage, including any excess that the customer is required to pay .





