**TRAFFIC CONTROL**

**PROBLEM**

This system was designed to help and manage the traffic on the major highways for long distance truck drivers who suffer from traffic and delayed delivery hence incurring losses from the goods they transport. Long distance bus drivers too suffer from low ratings and poor roads and unindicated hence causing accidents.

For our public transport drivers in the matatu sector who always suffer from traffic along major highways and streets during the ferrying of people to their places of work during rush hours

**FEATURES**

The features of this system comprises of the Google maps to show routes of places they are heading to and a GPRS navigation system to help the vehicle owner to trace the movement of the vehicle.

The system comprises of a mechanical checkup option for the vehicle that is digitally designed to notify you whenever there is something wrong with the vehicle.

The system also has the speed control option where by the driver can just monitor and control the speed of the vehicle without any supervision of the police officers.

The system also notifies the vehicle owner whenever the vehicle carries excess passengers.

**HOW TO SOLVE IT**

This system will facilitate the control of roads from the palm of your hands or from the systems mounted in the vehicles using tablets and touch pads.

This will reduce the congestion on roads where traffic police have to be there to take some bribe to allow vehicles to pass.

**UML SYMBOLS**

|  |  |  |
| --- | --- | --- |
| Symbol | Name | Use |
|  | Arrow | Show the flow |
|  | Rhombus | Shows decision of the system (yes or no) |
|  | Oval | Indicates the start of the and end of the program |
|  | Rectangle | Indicates the process |
|  | Parallelogram | Used to show the data or output |