ROAD ACCIDENT MANAGEMENT SYSTEM CASE STUDY

BACKGROUND

Management System is the set of policies, processes and procedures used by an organization to ensure that it can fulfil the tasks required to achieve its objectives. As a road accident is a mishappen that can occur anytime without any pre-knowledge or warnings With the help of this management system people can get the help as soon as possible. This also helps to safeguard people before they can meet an accident. All the probable risks that a person takes while driving are being identified by this system so this can also save life of a lot of people. The wrong practices that a person uses while driving are being rectified by this system. So this system is very helpful in the controlling of road accidents.

SOLUTION

Road Accident management system is a geographical information system (GIS) solution for identification of black spots, wrong driving practices, road infrastructure, vehicular defects, road types, damage to property, overloading issues, driver issues and other factors causing or related to road accidents. It is immensely helpful for policy makers, municipal bodies, road construction agencies, traffic and transport departments towards mitigation of road-safety related problems in the state.

BENEFITS

1. It helps to save the life of people.
2. It decreases the chances of road accidents as much as possible.

FEATURES

Road Accident Management System is important so as to safeguard the life of people. The Geographical Information System is used to manage capture analyse and present all the types of geographical data. It is used for visualization of data in the spatial environment. It maps where the things are, maps the quantities, maps the densities, maps what is inside etc in this way this system works.