

Effective Road Accident Monitoring and Alert System

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Abstract: Indian roads are undoubtedly the most dangerous in the world. In 2015, around 1,46,133 people were killed on Indian roads, states Ministry of Road Transport and Highways data. This translates in to 11 deaths per 100,000 people or one life snuffed out every 3.6 minutes. To reduce these alarming figures, the ministry of road and transport has earmarked Rs. 11,000 core to fix the 'black spots' or accident prone areas on the national highways yet the accidents are increasing on daily basics. Its only due to the unavailability of information about the road of our area or that we travelling. to overcome this scenarios we are going to developing a web portal, with the help of this portal every public can find out the accident prone region when they are travelling. In this portal we have administrator they may be handled by the road safety depart of our nation. Under that we have police station, they have the authority to add the road and routes of each district and they can add the accident zone with geo location. Try are the one who monitor the system when some accidents are happens. They can add accident information to the system regarding how the accidents are happens how many where killed, they status of each accidents, type of accidents. When it's happen etc these are details can be added by the police station. When traffic safety department login to the system they can view all the information about the accident details of each zones. When a public is travelling through any accident zone our system will gather the geo location and monitor with our accident zone when they enter any accident zone radius that is 1 km the system immediately send the notification that to the user that they are entering into a accident zone and they also view the percussion measurements that needed to follow in that route. Through this portal we can truly reduce the accidents and we can save lot of life's.

Keywords: HTML,CSS, Javascript, Effective road accident monitoring and alert

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