**PROBLEM STATEMENT**

* On a survey ABOUT TWO WHEELER ROAD ACCIDENTS , WE CAME TO KNOW THAT UPTO 60% OF ACCIDENTS HAPPEN AT NIGHT TIME.
* MOST OF THESE ACCIDENTS AR LEAD BY PITS ,SAND, ROCKS AND OTHER OBSTACLES ON THE ROAD.
* DUE TO LOW VISIBILITY AT NIGHT TIME THESE OBSTACLES CAN’T BE SPOTTED BY THE RIDER.
* TO OVERCOME THE ABOVE SCENARIOS THERE IS NO EXISTING TECHNOLOGY .
* SO WE WANTED TO EXPLORE THIS PROBLEM THROUGH OBJECT DETECTION.

Abstract

* The main purpose of this project is to build a object detector in vehicles to detect the obstacles(such as sand piles ,pits and rocks )
* We want to indicate the obstacles by displaying obstacles on speed display meter
* To convey the details of detected object in form of text message along with a voice command.