



R.N.X.G. Technovation

Problem Statement

1. Software:

Approximately 1.3 million people die in road traffic related accidents every year. This is an alarming figure and we, as proactive engineers must come up with an effective solution to bring these figures down.

In order to ensure pedestrian safety and vehicle speed limits in areas with high pedestrian density/residential areas, design a system to detect the traffic density/ school areas/ residential areas and accordingly warn the driver about the speed limit for vehicles. The system needs to provide a warning to the driver, if the speed limits are breached.

2. Hardware:

In today's date, lots of countries are developing very fast with modern infrastructure.

Skyscrapers are a part of this modern infrastructure and among other maintenance services involved, cleaning the windows from the outside is one of them. Presently it takes a lot of time and money, and the task itself is very dangerous. We want you, as proactive engineers, to design a device/machine which can completely clean the skyscraper windows safely and on a low budget.