

## PROBLEM STATEMENT

- The purpose of mandatory traffic signboards is the smooth functioning of traffic on the road. If not followed, anyone could end up lost in an unknown area or could face heavy traffic to deal.
- The goal of cautionary traffic signs is to warn drivers of any potential threat on the road ahead, like road work, potholes, and speed bumps. While these things are not inherent, accidents could occur if one doesn't slow down their vehicle.
- Although said they are important, there are number of issues regarding these signs, first once fixed signs have to be removed again and replaced by a new sign, during road alterations, etc.
- Second, in remote areas there is no guarantee that the signs will be changed and this can cause problems.
- Third, most people tend to miss the sign often losing their paths, and also during bad weather and at night time, the signs only shines when is faced a light, i.e you cannot see the sign until last second which might be quite troublesome.
- In order to avoid these problems, this system which can change signs accordingly using IOT, and digitalized with LED light pannels to reach viewer's eyes from a very long distance for alerting and cautioning them.