

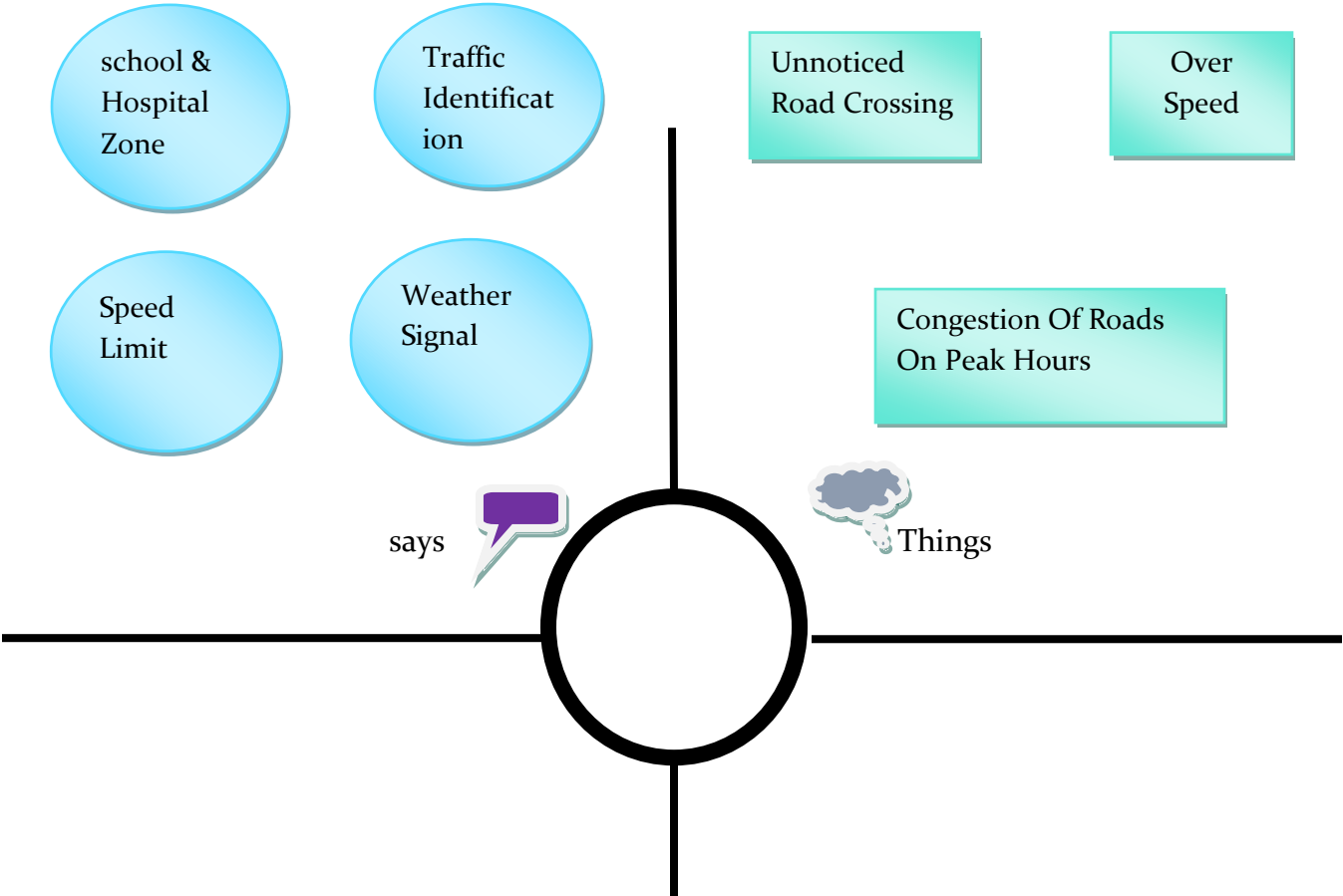
## **PROBLEM STATEMENT**

This project will replace the static boards to smart signed boards that will change the speed limits according to the weather climate and show diversion message if there is accidents in the road and hospital, schools or any road works.

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Empathy Map Canvas



Does



Indication Of  
Jammed Areas

Over Speed  
Detection

Indication Of  
Schools and

Feels



Ignore  
Jammed  
Roads

Save Life

Weather  
Warnings

## **BIG IDEAS**

High Level  
Sensors  
Classifies  
the Signal

Using  
Program to  
Identified

Monitoring  
Location  
Used Areas

Various  
Signs Are  
Used

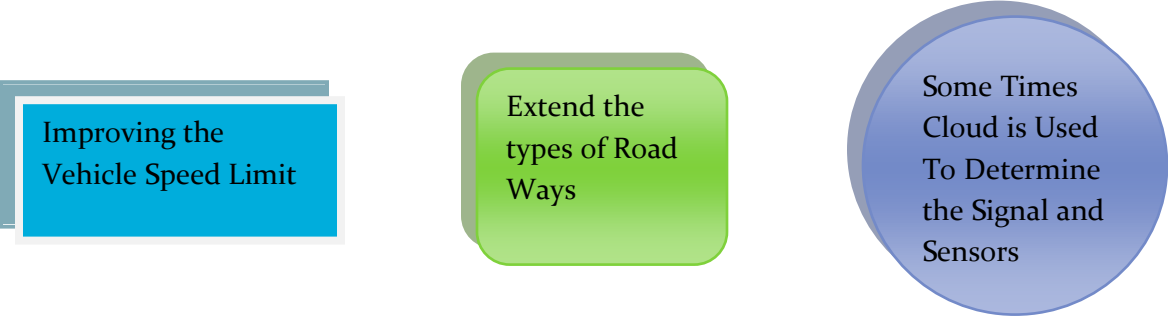
Following  
Rules to  
Decrease the  
Accident

Education  
Program is  
Needed

Computer  
and Sensors  
Monitor the  
Operation

Applicable the Types Of  
Sensors to Detect the  
Weather

Using Of IOT to  
Identify the  
Signal



Improving the  
Vehicle Speed Limit

Extend the  
types of Road  
Ways

Some Times  
Cloud is Used  
To Determine  
the Signal and  
Sensors

## NEED STATEMENT

Traffic  
Signals

Will Flow

The Rules and  
Management

so that

Accident can  
be avoided

A traffic signal, or stop light as it is also known, control vehicle traffic passing through the intersection of two or more roadways by giving a visual indications to drivers when to proceed, when to slow and when to stop.

# IDEA PRIORITIZATION

