**IDEA EVALUATION WORKSHEET- Based on 5q by Prof.EdRubaesch**

Q1. WHAT’S THE PROBLEM ?

The problem is real in present . accidents are major source of death, injuries and property damage every year. These day road accidents are increased at the outskirts of the cities. Lot of people had died due to lack of information of the place where the accident has occurred.so there is no specific solution for this problem in present.

Q2. WHO HAS THE PROBLEM-customer identification

The person who travelled at night times. The vehicles which was moving in a high speed.

Q3. WHAT’S YOUR SOLUTION

The solution of this problem when an accident occurred an immediate sms with gps coordinaates is sent to ambulance and near by police station and emergency contacts in sim.so an immediate action is taken by them to reduce the severity in problem.

Q4. WHO IS COMPETITION

Self driving cars.

Q5. HOW IS IT MADE POSSIBLE-

* A vibration sensor is used. Where the vibration caused by accident activate sensor and gives electric signal to microcontroller(MC). MC switches GSM and GPS network by using DPDT switch.
* GPS receiver takes latitude and longitude through antenna.

GSM transmitter sends this information to control system where futher info is tramitted to respected people.

* The product is installed in vehicle.The cost of building and installation the product is 2lakh. And the customers who own a vehicle is our target customers.