**ALGORITHM**

Algorithm for the working of the system:

1. Start
2. First of all, the system is powered with the proper amount of power supply.
3. After the system is on, alcohol sensor detects if the driver is drunk or not. If  
   he/she is over drunk the system provides warning and the engine of the vehicle  
   stop functioning.
4. If no alcohol is detected then the vehicle starts properly or does not stop running.
5. Eye blink sensors detects whether the driver is drowsy or not. If the driver is  
   asleep the system warns him with alarm and red light alert.
6. Continuously Temperature sensor helps us in detecting the heat of the engine  
   and if the engine is overheated then that of a normal condition, driver gets red  
   light alert else keeps moving.
7. If accident occurs, accelerometer detects the occurrence of accident and sends  
   signal to the microcontroller for further functioning.
8. GPS module finds the location and GSM module sends message with latitude,  
   longitude and link of google map to emergency numbers of ambulance and  
   police.
9. Once the system is on, it continuously checks all the sensors by the help of  
   microcontroller (Arduino Uno) in order to perform all the prevention, detection  
   and reporting works.

