False detected

Sending Location SMS to emergency contact

Fetch Location from GPS

If( Alarm == cancel )

No

Yes

Alarm for 30 seconds

Fig : Flow chart of --------

Yes

No

If(( Impact sensor data > Impact threshold && Sound sensor data > Sound threshold) **||** ( Tilt sensor data > Tilt threshold && Sound sensor data > Sound threshold))

Reading sensors data

Taking data from Impact, Tilt and Sound sensor