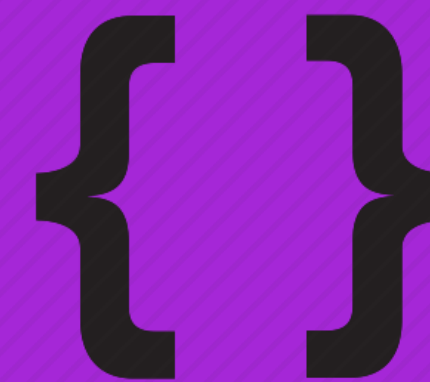


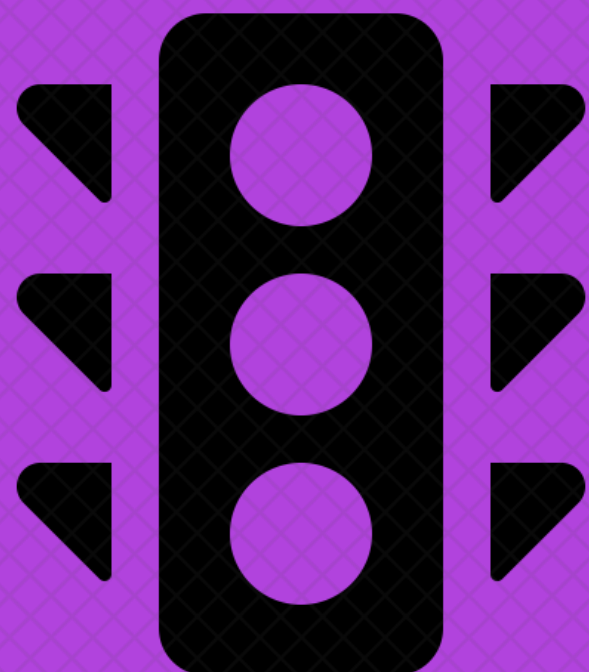
Ami



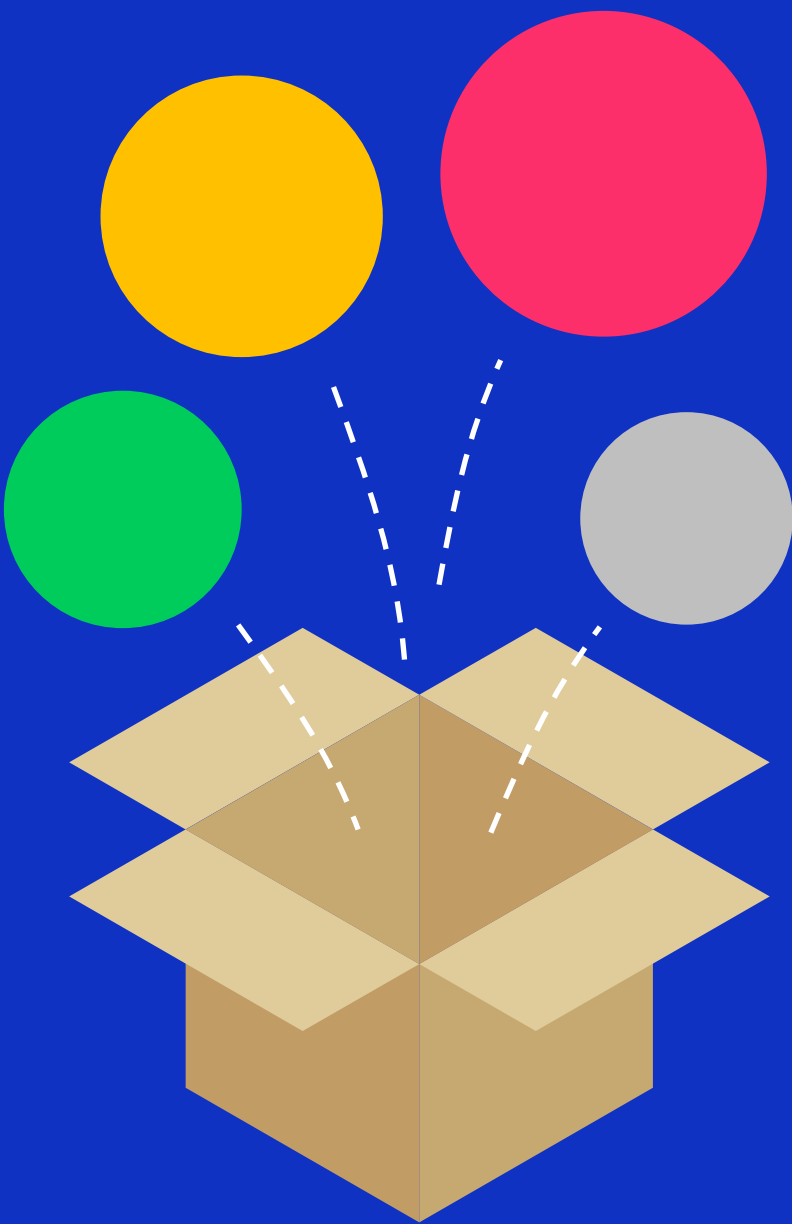
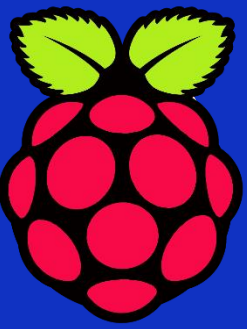
# ACCIDENT ALERT SYSTEM

*AMI Application*

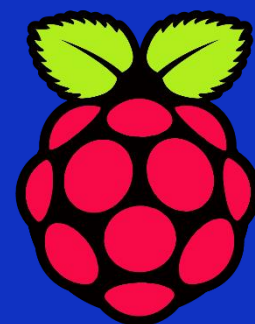
BY SUBHRANSU SOURAV PRIYADARSHAN (5302091)



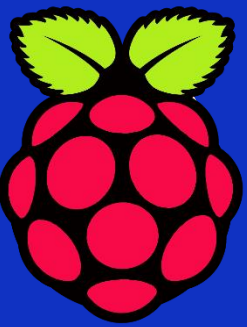
# Problem Statement



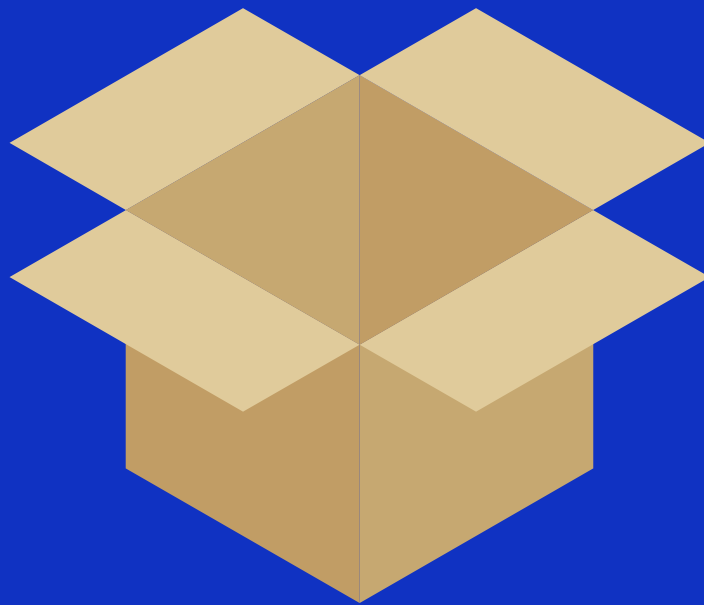
- In the modern world the rate of accidents is increasing day by day. Most of the accident deaths are caused due to ignorance and lack of sufficient remedial measures and timely action. All these facts point to an **efficient accident monitoring and vehicle tracking system**.
- Here an accelerometer sensor senses the change in acceleration caused by the shake or tilt. The detection of accident is done by the **microcontroller** after checking the output of **accelerometer**. When the accident is detected, the location is decoded from the output of a **GPS** module and this data will be push as notification to emergency authorities. By implementing this system, we are hoping to have better control over road accidents by the fast communication between the victim and the control center.



# HOW IT WORKS



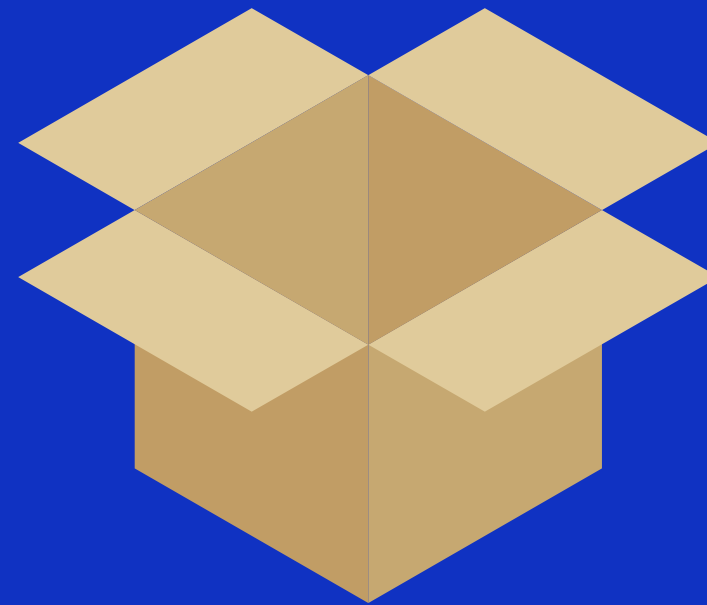
1



## Event

The application comes into play in case of any mishappening (or potential mishappening)

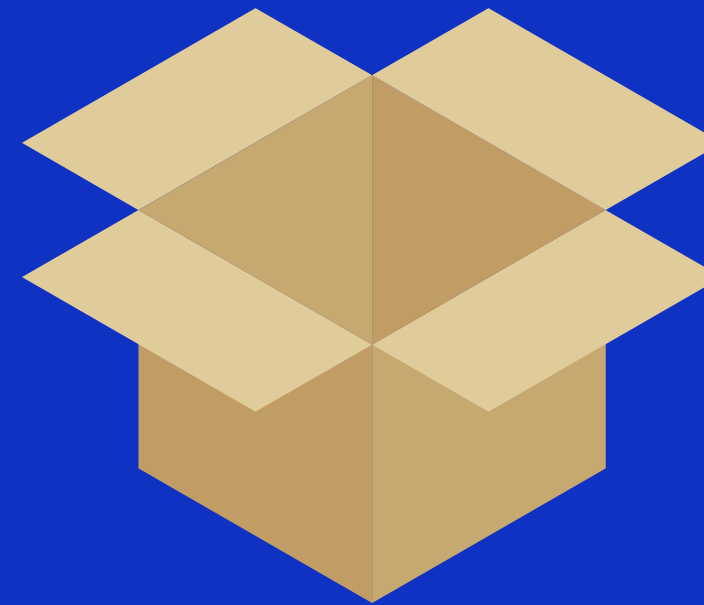
2



## GPS and Accelerometer

GPS sends the location when the output of accelerometer value is above the threshold value

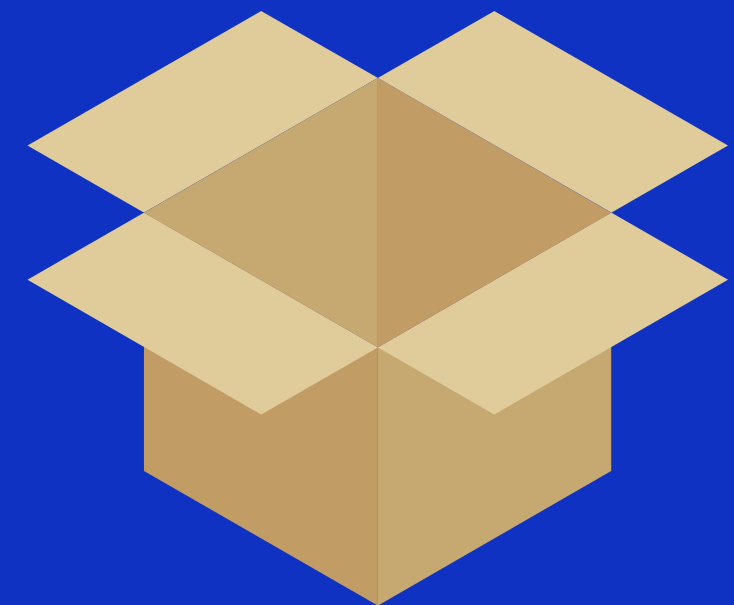
3



## The crucial task

The location of the driver is sent to the nearest hospital and to the emergency contacts of the individual

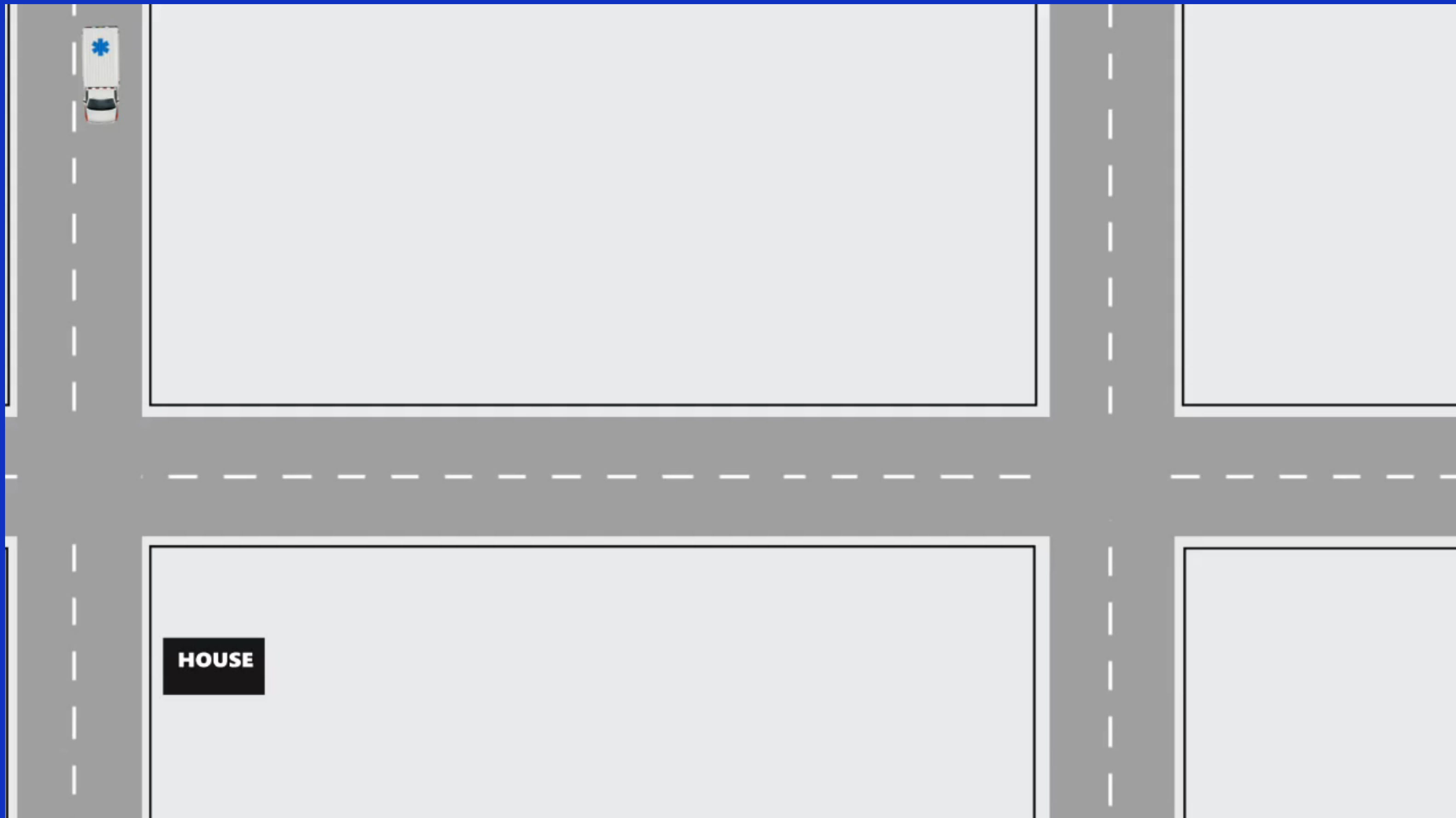
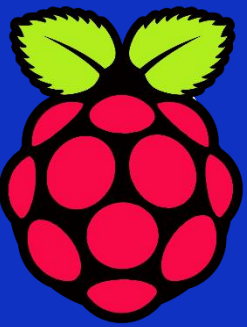
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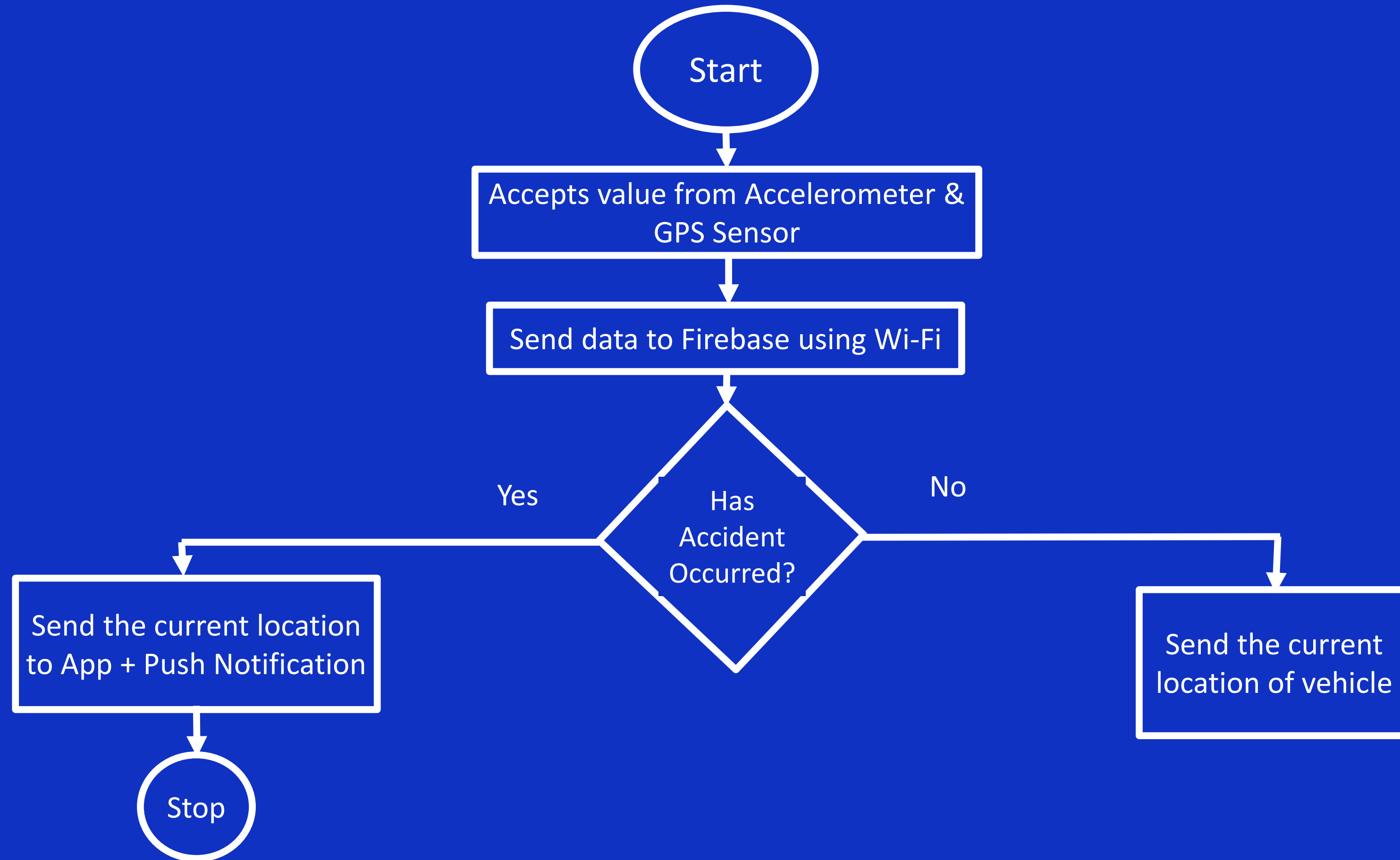
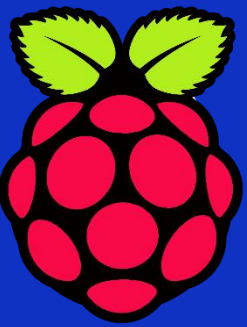
## Final Action

Concerned authorities take the required action

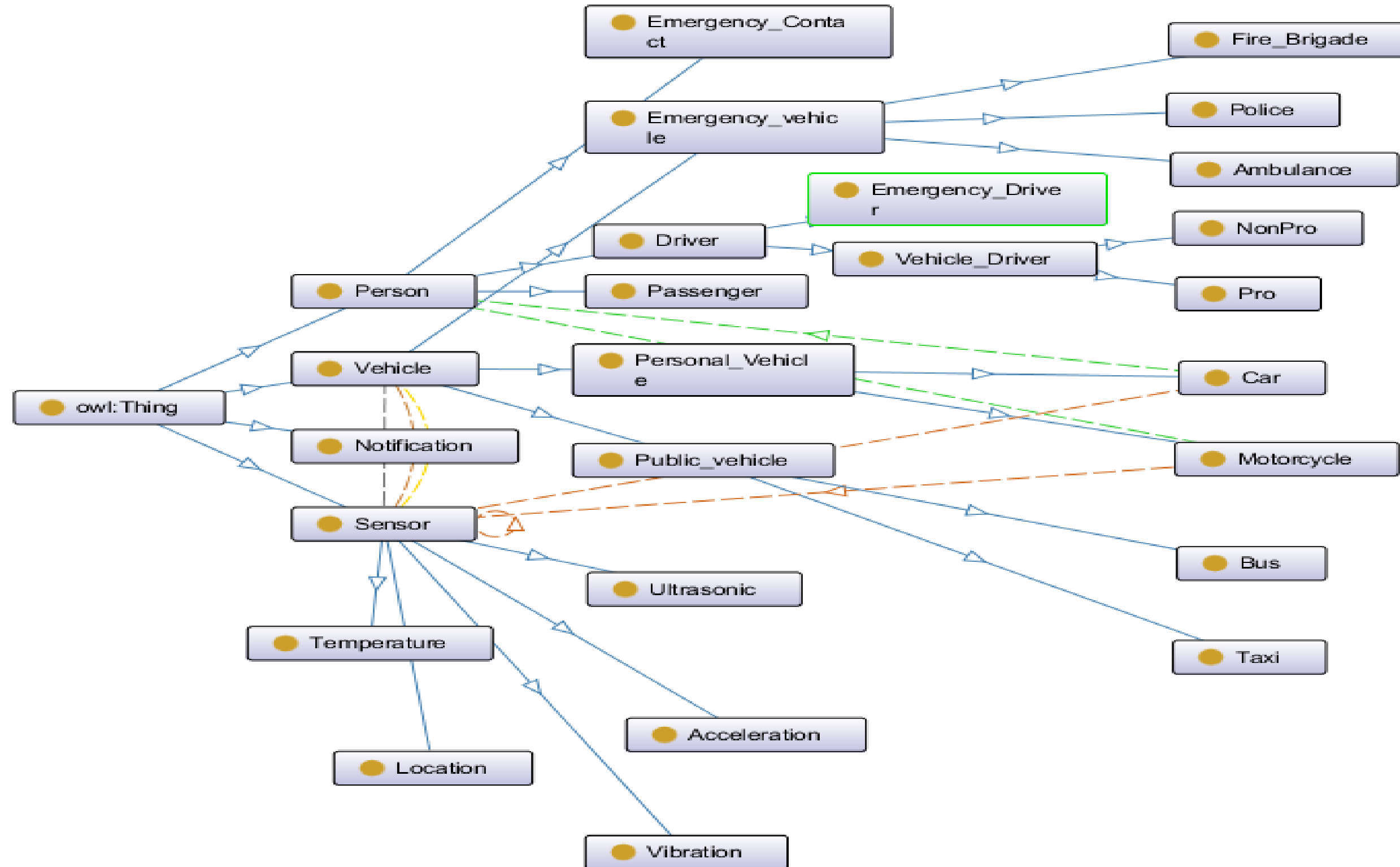
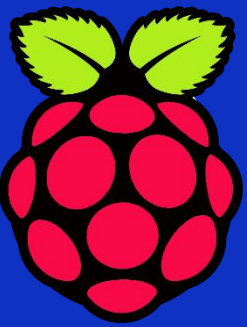
# Simulation

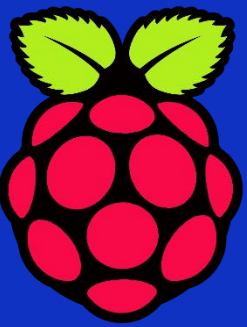


# Work Flow | Accident Alert System



# ONTOLOGY





# Thank You

