**Design/Block diagram**



Human entry

**PIR Sensor**: Senses the entry of human being and main gate open for 3 seconds. Person should entrer through the gate within the time.

**Ultrasonic Sensor**: It will wait for sensing the hand of person which should be down less than 50cm when sensor is placed in down , after sensing sanitization will happen for 2 seconds then the person should take the hand out. Then pass gate will open for 3 seconds.