USER MANUEL

**For indoor testing:**

1. Connect system to power supply.

Power supply details: 5V and 800mA to 1000mA (micro USB charger)

1. Connect Raspberry Pi to display device using HDMI cable.
2. Connect android phone and Raspberry Pi in same network. Use Wi-Fi dongle for Raspberry Pi.
3. Run server\_socket.py in lxterminal of Raspberry Pi.
4. Run droidgpspush.py on android phone in Qpython app.
5. Run sendsms.py in lxterminal of Raspberry Pi.
6. Now tilt accelerometer till it reaches threshold.
7. SMS will be sent on cell phone of given contact number.
8. For Ultrasonic sensor testing put obstacle in front of Ultrasonic sensor.
9. Run speaking.py in lxterminal. System will speak out distance when obstacle distance is less than 10cm.

**For outdoor use:**

1. Connect system to power supply.

Power supply details: 5V and 800mA to 1000mA (micro USB charger)

1. Mount the system in a car. Mount ultrasonic sensor in the front and back side of car.
2. System will start automatically when car is started by user.