

# Sensor Logger

In this app I have used a bunch of sensors present in the phone to get data from it and display it on the screen, I have also stored the sensor data in the sqlite database and whenever needed i can export the data in csv file, Which is stored in the phone memory.

I have used different listener for different sensor.

The sensors which i have used are:

1. Accelerometer
2. Gyroscope.
3. GPS sensor to get the coordinates.
4. Telephony manager to display the cell id of the cell in which the mobile phone is present.
5. And it also record the sound from the speaker.
6. Shows different wifi access points.

The sound is recorded in dB and i have used seperate thread for it by using multi threading.

Relevant screenshot:

1.

