Research Paper Draft
Mobile Phones

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●Results: We tested the AndroidWrapper application on a Samsung Galaxy S mobile phone and captured temperature, humidity, and barometric pressure data using sensors such as accelerometer, gyroscope, and magnetometer. The data was then processed using GSN engine to generate an event stream which can be analyzed by other applications.

●Conclusion: This research work demonstrates how mobile phones can play a significant role in participatory sensing. By connecting sensors to GSN engine, we have generated an event stream that can be used for various purposes such as weather monitoring, environmental tracking, and urban planning. The AndroidWrapper application provides a simple way of capturing sensor data from mobile phones and processing it using GSN engine.

Reference (APA)

1301.0157v2.Capturing_Sensor_Data_from_Mobile_Phones_using_Global_Sensor_Network_Middleware (2024). Retrieved from https://arxiv.org