

# Comparison of Energy Consumption in Wi-Fi and Bluetooth Communication: A Case Study on Context Aware Building

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**Abstract**— Context awareness has been an interesting topic recently. Its ability to infer whether a person exists on a particular room or building is really important for smart building.

**Index Terms**—Context-aware, smart building, wi-fi, bluetooth low energy



## 1 INTRODUCTION

The rest of this report is structured as follows.

## 2 RELATED WORK

## 3 METHODOLOGY

## 4 RESULTS AND DISCUSSIONS

## 5 CONCLUSION

We have presented that Bluetooth is more energy efficient than Wi-Fi.

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