Adiel-Shaquille Batson (adiel001) - Public Page

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Limitations:

- You shouldn't create any other page in that namespace *user:adiel001*
- Only a superuser can add a picture

Building Optimization

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(AMC 2022 Project can be found here Building Optimization . Until the page is available, edits will be made here.)

1.0 Introduction

As the urgency to mitigate and combat climate change grows, more and more solutions are required to forder a more sustainable world. On the radar for these solutions, energy conservation and consumption reduction techniques comprise a significant measure in realizing greater sustainability in home & industry. However, one of the greatest limitations in realizing these developments is human contingent, for example forgetting to turn/off lights and heating. This project targets energy use optimization by smart control of lights and heating use in prototye designed to simplify a building.

By utilization of a microcontroller, a relay and two sensors to record, interpret values and automatically perform specific actions in order to minimize wastage of energy (O'Brien & Athienitis, 2015).

2.0 Material & Method

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