

# POWERED SMART ROOM

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## **ABSTRACT**

As our world is on their progressing to rise up the economy, there are so many inventions that had been created by the engineers and inventors for the electronic device and also for the electrical appliances which are made our life become more convenient. This project is about controlling the smart room that providing a complete automatic electrical appliance. Due to the weather in Malaysia that always changes, rotational speed of the fan was designed to be more convenient. The rotational speed controlled by the room temperature using Arduino Uno microcontroller and LM35. To make the LM35 act as a temperature sensor, a slot card is needed to operate the electrical appliances. LM35 will detect the room temperature and send the information to the microcontroller so that the fan will rotates at its certain speed. The rotational speed increased as the temperature increased.

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