

CHILD GUIDE


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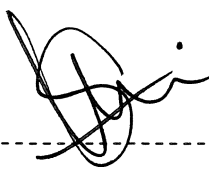
A project report submitted in partial fulfillment of the requirements for the award of the degree of Diploma of Electrical Engineering (Electronics / Telecommunications / Instrumentations / Computer)

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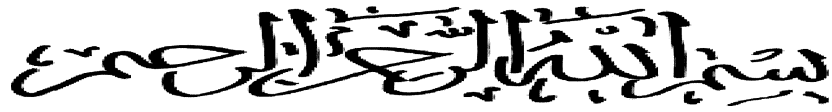
MARCH 2013

“I declare that this report entitled “**CHILD GUIDE**” is the result of my own group research except as cited in the references. The report has not been accepted for any degree and is not concurrently submitted in candidature of any other degree.”

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ACKNOWLEDGEMENT



In the name of ALLAH Most Gracious and Most Merciful.

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ABSTRACT

This project is about to create a device which can be used to solve kidnapping case called child protective device (“Child Guide”). This project can be used to prevent children separated from their parent especially at public place which is crowded. There are two part divided in this project which is transmitter and receiver. Infrared signal is used as sensor. Then, DC vibrator motor is connected to the receiver circuit and it work as indicator to the parents. The motor will vibrate as if the receiver cannot receive signal from the transmitter. Distance estimated when the signal not received is approximately 1 meter. The device is compatible device as it can be used as a watch or warped around belt like cellular phone casting.

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