

Universiti Teknologi MARA

**Parental Control Application That Can Remotely
Access Using Short Messaging Service (SMS)**

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**Thesis submitted in fulfilment of the requirements for Bachelor of
Computer Science (Hons.) Data Communication and Networking**

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SUPERVISOR APPROVAL

PARENTAL CONTROL THAT CAN REMOTELY ACCESS USING SHORT MESSAGING SERVICE (SMS)

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This thesis was prepared under the supervision of the project supervisor, Siti Rahayu binti Abdul Aziz. It was submitted to the Faculty of Computer and Mathematical Sciences and was accepted in partial fulfilment of the requirements for the degree of Bachelor of Computer Science (Hons.) Data Communication & Networking.

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JANUARY 3, 2018

STUDENT DECLARATION

I certify that this thesis and the project to which it refers is the product of my own work and that any idea or quotation from the work of the other people, published or otherwise are fully acknowledged in accordance with standard referring practices of the discipline.

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ABSTRACT

There are a lot of existing parental control applications that are available in applications stores for mobile operating system. In every parental control has different features and its specifications. Every parental control applications have its own pros and cons. For this project which is differ than other existing parental control applications which it is aimed to create an application for android operating system. Although the existing parental control applications provide many restrictions but they do not offer a complete protection and security. As kids nowadays are clever and know how to make use of a smartphone. The Short Messaging Service (SMS) can entered command to control other phones. This project is using software development life cycle (SDLC) waterfall model. It involves five important phases. The results of this project will be done in functionality testing to make sure this project well developed. Therefore, this project has developed a parental control mobile device application on android operating system for children that using SMS command for the purpose of monitoring and controlling the children's activities. This project can be extended by develop application for parent's side that can send SMS by just touch a button and send message automatically.

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