E-Kid

(Eye-Control My Kid System)

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ABSTRACT

The rapid technological development is a significant factor that improves man's awareness in its environment. For instance, the internet offers a lot of information in just one click. It is essential in terms of business, medicine, engineering, and other industries. But like other creations, if not used judiciously, it could lead to distractions. Technology today has been hazardous for children. It has a lot of drawbacks that can destroy a child's life. Examples are filthy sites on web and addictive games. Many parents have been busy with their personal careers that they cannot monitor their children at all times. If this scenario could not be stopped, it could lead to a troublesome society.

The developers of this study constructed the system with a general objective: to develop Eye-Control My Kid system- a mobile parental control system that will help parents in monitoring a child's activity over the computer and be able to control all sites accessed by the child when the parents are away. Specifically, this study aims to help parents monitor the proper use of computer, access to web sites and applications by their children using a mobile phone, limit the playing time of children with computer games by setting the systems access time, and limit access to malicious, filthy, and undesirable information in the web through the request permission of the system.

Theory is essential to support a study. Control theory is used as the core of the control feature of the system through the mobile phone. The mobile phone is the device where a parent can control the activities of a child over the computer. Control theory states that when one or more output variables of a system need to follow a certain reference over time, a controller manipulates the inputs to a system to obtain the desired effect on the output of the system.

The developers used the Iterative Model. It is a rework-scheduling strategy in which time is set aside to revise and improve the parts of the system. E-Kid needs to be updated and be maintained for there will always be new sites to be blocked and applications to be limited.

As the developers, we recommend that the user at least reach the minimum requirements needed for software and hardware specifications for best result.