EXAMINATION ALARM WITH DISPLAY

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"I declare that this report entitled "Examination Alarm with Display" 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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ABSTRACT

Examination Alarm with Display is a timer with 7-segment as display. It was invented after realize sometimes by using normal clock, people didn't realize time was flying by and exceeds the limit. This project is attempted to overcome all the problems. It consist 2 main circuits, Timer Circuit and Siren Circuit. The purpose of this study is to alerting user from falling asleep while in middle of driving or doing any work. We include 7-segment display use as a sign display to show how much time is left. The time countdown can be set by using programming up to 3 hours. At the same time, if users didn't alert which is he daydream or fell asleep while the time counter reach zero, it will trigger the output which is can be selected to choose sound or zapper to wake users. It also suitable for used as countdown timer for any game or work. This project is inspired by people who having a trouble to wake up in morning. This circuit is using batteries as power supply which is can be a portable device and very simple to make.

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