

## **DRIVER ALERT**

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## **ABSTRACT**

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The goal of this project is to build and design to measure the time taken by the user also the average time taken by the user. All this process and instructions are controlled by a microcontroller. This time measuring device is a very convenient device which can be user anywhere at any time.

The function of the circuit as well as the circuit operation will be explained further in this report. Data sheet will attached together on order to give a clearer view or information about that PIC16F627, BC184L transistor and decoded chip 4511B.

PIC16F627 supports both assembly language and HEX code but because the assembly language is not abstained HEX code is used. There are difficulties in searching for programmer for this micro controller as it is a brand new chip.

Circuit diagram as well as the block diagram of the circuit and flow chart of the programming is added in order o give a clearer view and easier to understand it.