ABSTRACT

Speed detector has been used for many applications. This device is usually used in vehicle speed detection. It used to reduce some human errors. Sensors that used for this device are various.

In this under graduated thesis proposal, there will be some implementation from device that has been used for golf. The speed detector will combined with the distance detection from speed detector. Which the detection result will be processed in parabolic equation method. First, sensor will detect the speed which produces from golf swing. In golf there are some criteria about stick that we used to. First type is wood, this type produce further distance. Meanwhile, the iron type produces shorter distance than wood. All of these cases are related to one problem. The loft golf club. Loft is an angle of the golf club. This part will affect distances for our golf swing.

The goal from this research is to help any golfer knows their distance and speed of their golf swing. From this device, every golfer will know those criteria above much easier. I also concern about the power this device will consume. Last word, this device will make every golfer practice more effective.

Key Words : Golf, speed detector, distance detector, parabolic method