

# INDOOR SOCCER TRAINING GAME

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A project report submitted in partial fulfilment of the requirements for the award of the degree of Diploma of Electrical Engineering majoring in Instrumentation.


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“I declare that this report entitled “*Indoor Soccer Training Game*” 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

Indoor Soccer Training Game is a project that focuses on improving shooting skill. This project use motor, buzzer and LCD where these components are the main output of this project which controlled by Peripheral Interface Controller (PIC) that programmed by using MicroC Pro software. How this project can help people improving their shooting accuracy? This project can help people improving their shooting accuracy where this project has seven holes as the goal where each of the goals has different score. Within the time given in the game the player has to score goal where there is a wiper works as a goal blocker (keeper). The LCD is used to show the countdown timer and the score for each goal that the user score. The time provided for playing this game is only for three minutes. For each goal that the player get, buzzer will activate and the score that shown at the LCD will increase. Thus, the user will found that this project is very challenging and fun to play.

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