

## ABSTRACT

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*Gait analysis can help as a monitor of gait changes and balance changes or diagnose an illness, to be able to find gait analysis requires a gyroscope sensor that can take the necessary angular data. Data sensors can be used with a microcontroller and send the data to a smartphone that can facilitate monitoring in gait analysis. Therefore this final project is made so that it can facilitate the user in monitoring changes in gait that can affect body health.*

*Keywords: Arduino, Bluetooth, Gait analysis, Giroskop.*