Abstract

In the medical world, tools to determine the level of human health is very diverse, one of them is a gait detector. But so far the tools to monitor gait are only available in indoor laboratories so they cannot be used in daily activities. With gait monitoring devices that can be used daily, the data collected can be useful for further needs such as shoes for pregnant women and the elderly, alarm devices for diabetic patients, and so on. Thus in this study a tool to monitor gait was implemented in a pair of shoes, , which can test gait based on sample data that can be used to analyze healthy gait behavior.