# ABSTRACT

*Airsoft gun was an extreme sports requiring protective as special goggles and vest, in the game, it is not uncommon for players make rigged like keep playing attend although it has already hit.*

*Making the vest aims to detect shot given by the opposing player, and reducing the incidence of cheating in the game airsoft gun. So when a bullet BB about the vest, will receive vibration vest, and continued into microcontroller raspberry pi as an order to ignite led red, signifying the players hit. From the testing, got that when the vest hit, display led will turn red for 5 seconds and censorship piezo will resonate vibrator dc is constantly to led green light.*

*Keywords: Airsoft gun, vibration sensor, fairplay*