ABSTRACT

The development of the world of technology today has a lot of positive impacts in the science of human and computer interaction (Human Computer Interaction), especially in the supermarket industry. currently in the supermarket industry moving goods purchased using a trolley, the use of a trolley in the supermarket industry is still manually, it is necessary to design (Smart Trolley) which can make it easier for consumers when shopping by moving automatically following the direction of consumers using (ultrasonic sensors) and (infrared sensor) and Smart Trolley can total the price of goods purchased using the (RFID Module), The purpose of Human Computer Interaction (Human Computer Interaction) is to produce a system that is useful, safe, comfortable, productive, effective, efficient and functional. This article explains that there is a need for technological developments and innovations, especially regarding the Smart Trolley so that it can run automatically and total automatic prices in order to make it easier for consumers when shopping.

Keywords: Smart Trolley word, Human Computer Interaction, Human and Computer Interaction, RFID Module, Ultrasonic Sensor, Infrared Sensor.