

ABSTRACT

Estimote is a sensor tool that uses BLE (Bluetooth low energy) technology in communicating. Consumers are all individuals and households who purchase or acquire goods or services for personal consumption. The consumer reserves the right to obtain true, clear, and honest information about the conditions and warranties of the goods or services purchased. For information search for goods, consumers should search with it without being assisted by an application that causes the consumer to take a long time to find the goods. From the above problem, it was set up a smart guide system in the search for goods. With this system, consumers will be facilitated to show the location of the desired goods. The system detects and shows the coordinates using the Bluetooth based Android mobile app connected to the Estimote. The results are inaccurate, this is due to create coordinates using manual.

Keywords: Consumers, Android Application, Estimote