

Abstract

Bags are an inseparable part of everyday lifestyle. Bags are needed to store all needs. But during busy activities, there are times when we feel worried about the safety of the bag we are carrying. A smart bag with a microcontroller and GPS-based security system is a useful use of Internet of Things technology. This device works by inserting the tool into the bag. This system works by sending notifications in the form of the coordinates of the location of the bag to the Android application on the user's smartphone when requested. This is intended so that users can know where is their bag while doing daily activities.

Keywords: Smart Bag, Android Application, GPS, Internet of Things
