Abstract

The current development of the era that has entered into the industry 40 where all systems become automation and digitization. Industry 4.0 is highly indexed by the Internet Of Things (IOT) where any tool can connect through the Internet. The current research objective is IOT for Smart Home using the Home Controller Unit to control and monitor home electronic devices remotely with an Android-based Mobile Application.

In this study, wanted to realize the Home Controller Unit for Smart Home with Android-based application to control and monitor home electronic appliance. For controlling that is on the lamp, Solenoid Door Lock. Sedangan CCTV monitoring.

The Home Controller Unit application is intended to be able to remotely control and monitor home electronic devices and monitor home security efficiently. Which can be used commercially by all people's backgrounds. This application creation using Android Studio that can facilitate the creation of User Interface according to the needs of many people in general use.

Keywords: Internet Of Things (IOT), Smart Home, Home controller units, Android, Mobile Application