

ABSTRACT

Technology development at this time has been very developed, so it provides a lot of convenience for users of the technology itself. One of them is the use of the Internet of Things as a current trend in everyday life. Not a bit also we as users of technology become the Internet of Things as a lifestyle that is due to its sophistication.

Automation of tools in this Final Project is one of the easy alternatives in using the Internet of Things to facilitate users in carrying out light control. With this automatic light tool can also make a new lifestyle more modern.

From this final project, an automatic light switch is made using the LDR sensor as automation for light intensity and AI server assistance for human habits. In this tool there are 2 rules that govern the automation of the Decision Rule and Priority Rule. From the testing of this tool, the two rules have shown an accuracy of 100%.

Keywords: automatic light switches, automatic human behavior