ABSTRACT

Public facilities are an important aspect of daily life in order to support people's lives, as well as places where Mobile phone charging is often found in public places, a place like this must be one of the public facilities that are useful for the community.

Firstly, in principle, charging on a smartphone is by flowing the battery with an electric current continuously. With many people who need charging to keep their electronic devices awake while doing activities in public places, it also makes a lot of people stay in the charging place too long.

Secondly, the project was created because most smartphone users use charging too long and make a lot of people waiting in line. In addition, make it convenient for users who are waiting at the filling point. In fact, other users do not have to wait long in the queue because of the management of the charging location.

Finally, this project to improve management that is in the place of general charging with wireless, charger also programmable system mainly controlled by the microcontroller (ESP-01).

Keywords: ESP-01; Charger; Public mobile phone charging; Wireless

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