

Design and manufacture of automatic billing water meter for household use applying RFID technology

Nguyen Tien Dong

Abstract: In the modern context, managing and paying fees for domestic water services is becoming increasingly urgent. This project aims to address this issue by designing and manufacturing an automatic water meter with payment capability based on RFID technology. Through theoretical and experimental research, the objective of the project is to build an automatic water meter system capable of efficiently managing water flow and accurately calculating charges. The expected outcomes of this project not only improve user experience but also contribute to the development of IoT technology in the field of utility service management.

Keywords: RFID, automatic water meter, payment, IoT, utility service management