

Design of an automatic water meter billing system applied to the dormitory of the University of Information and Communication Technology.

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Abstract: This topic focuses on designing and implementing an automatic water metering and billing system for student dormitories. This solution aims to address the issue of managing water usage costs efficiently and fairly among households in the dormitory of the University of Information and Communication Technology. Through research, the topic applies experimental methods to build an automatic water meter system based on IoT technology combined with management software. The system is expected to bring economic efficiency and convenience to students and the university, while also contributing to raising awareness about water conservation within the academic community.

Keywords: Automatic water meter, IT&TT; University dormitory, IoT, water management, automatic system