

IoT Smart Bell Notification System : Design and Implementation

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Abstract—In this paper, We provide a security and security service that combines the functions of smart phone and home network system. It enables users to check real-time visitors remotely by utilizing the doorbell function of the existing entrance door. It provides not only the act of opening and closing the door by simple visit, but also the function of acquiring the evidence and reporting immediately when a crime occurs. While the existing doorbell system uses its own transmission protocol, Smart Bell uses a standard internet protocol.

Keyword—Bell, Home Network , Internet of Things



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