SMART HOME BASED SECURITY SYSTEM FOR DOOR ACCESS CONTROL USING ANDROID

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ABSTRACT

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Most doors are controlled by the individual to open the door using a key, identification card, and fingerprint. The purpose of this paper is to assist users in accessing doors with automatic locks using android as a liaison and arduino as a locking device on the door. The connector used is a bluetooth chip (HC-05) which is installed on the arduino and the solenoid as a key on the door of the house. This system prioritizes security which can only be accessed by homeowners so this system is private.