Smart Receptionist with Smart Lock System – Review

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Abstract. Security and safety are popular, and their popularity is growing by the day, thanks to advancements made in the last decade and technologies designed to make our lives easier. In today's world, technology has become an integral component of society, so the security of one's house, office, or organization must be given first importance. As a result, the Smart Receptionist with a smart lock system is primarily created and developed for security system purposes. When the main door of the workplace or organization is closed, this smart security system is employed to observe a guest. The goal of this setup is to use a Raspberry Pi to operate the door lock. When a person enters the office door, the camera captures an image of the person, and the smart lock system sends the image to an Android application and database. Once the image has been uploaded to the Android application, the user will have the option of unlocking or locking the door. If the individual accepts the permission to enter, the system will unlock the door; but, if the person refuses the permission to enter, the door will stay locked.

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