IoT Enabled Smart Door Locks

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Abstract: *Home security is one of the major challenges faced by individuals who are frequently out of home due to their work schedules. Percentage of thefts, robbery, lock picking, unnecessary intrusion and threat to personal belongings have substantially increased in the recent times. The advent of Internet of things (IOT), have found its use in the upgradation of things we come across in our daily life. Its application in lock system, provides a revolutionary means for home security and facilitates human kind for more automated locking and unlocking system for their residences. The paper gives an overview of the recent technology used for making the door locks accessible from a smart device (like a Smart Mobile Phone), and use of means like GPS tracking and Bluetooth Connectivity for an automated Door Lock System. Sensors, cameras, alert messages, visitor identification and other features make Smart Locks a step higher than the traditional key system people all across the world have been using for several generations. IOT foreshadows the future, where everyone and everything will be connected to the internet and Smart door locks are proving to be a part of it.*

Keywords: IOT, Digital, Smart, Door, Lock, Security, Internet, Home, Technology, Thefts, Keyless

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