**Wireless Lock System**

**Abstract**

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Our project consists of designing a user-friendly security door system. The idea behind our project is to create a system that uses an electronic door lock with wireless communication module so that a person in the possession mobile device can get access to a secured area. Our project will be designed to provide security to the customer that will buy our product. This security is going to be in the form of an encrypted communication system that will make sure that you are authorized to be in a specific area. A mobile phone application or computer software will be used to display any important information and configure the system