

# ELECTRONIC DOOR LOCK VIA SMARTPHONE

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## **ABSTRACT**

This project is about designing a door that can be unlocked by using a smartphone. The title of the project is “Automatic Door Lock via Smart Phone”. This project works after we programmed the Arduino first, we will program what password that we wanted. The Arduino will store the data it. Later if we want to unlock the door, we just have to input the password that we programmed earlier. Study shows that people would rather have something few to take care of. Human will be more convenience if they have less responsibility. So we can reduce one the tool that people must carry around which is door key. Instead we make our very own smartphone as our key since we always carry it around wherever we go. Basically this project runs with the help of two very important components which are Bluetooth and Arduino. They help to connect the smartphone to the door lock.

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