Motor

The Motor is what pulls the door handle downwards and unlocks the door. It will receive a message through the Arduino and then the Motor Shield.

Motor Docks-
The motor Shield can hold up to 2 motors.

Power

The Arduino and Motor Shield will use both separate power sources.

Computer

Once a barcode is scanned, the information is sent to computer and once that is accepted, the computer sends a message for the door to be unlocked.

Scanner

The computer is where we will program the Arduino and give it commands to open the door. On the monitor, it will also show the information of the person who represents the barcode.