

Microprocessor Systems

Smart Locking Door

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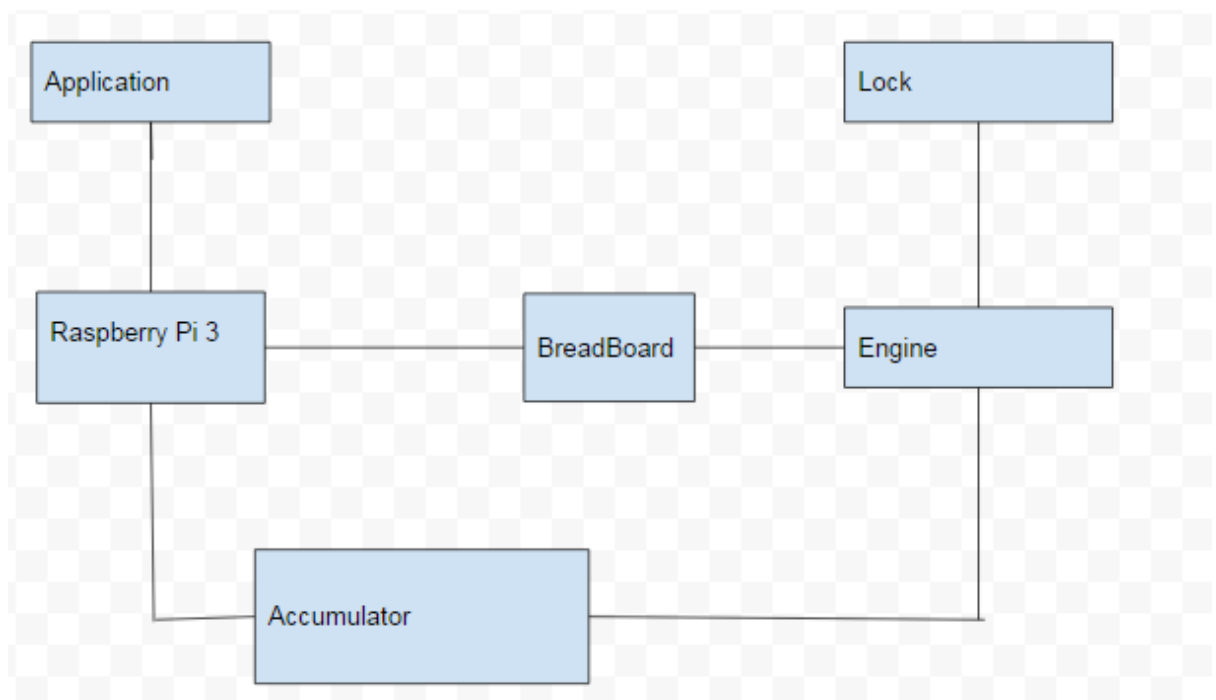
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User Requirements

This Smart Locking door project, makes your life easier, you can easily open your door for someone just by using a mobile application, or to lock it when you are too lazy to get up or if you leave your home and forget to lock it.

It is easy to use, you only have to attach it on the door and connect it to a power supply.

System overview



Application: This app allows you to control the switch, you can lock and unlock the door using this app.

Lock: This part of the project is the material part of the lock, is a metal lock that is used to lock and unlock the door, this is controlled by the Engine.

BreadBoard: This board is used for connecting the Raspberry and the Engine using jumpers.

Hardware design

