nocLock Requirements

# Must:

-Unlock with correct knock sequence

-Sense and differentiate knocks from non-knocks

-Store knocks in nonvolatile memory

-Box for locking

-Be able to be locked again

-Have power supply

-Be capable of visual and audio ques.

-Have 2-layer PCB with majority surface mount components.

# Should:

-Include enclosure for PCB

-Require user to confirm knock sequence prior to writing to EEPROM

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# May:

-Detect two discrete levels of knocks for added security.

-Have battery-back up capabilities.