Request combination from MAGE Server through XBee

Power On  
Initialize Settings

Wait for user to enter all 4 keys

Emit IR  
 Toggle Firing LEDs

Correct

Unlock Chest  
Toggle “Good” LEDs

Correct

Incorrect AND/OR Countdown is finished

Check Combination after 4th Key Inserted while countdown running

Incorrect

Check against MAGE Combo

Start Countdown Timer

Display Correct Number of Keys

Unlock Chest  
Toggle “Good” LEDs

Incorrect AND Countdown is still running