



Face recognition



Controller for IoT devices

Initial

currentHash = F1
sendHash = ""
receivedHash = ""

currentKey = hash(F1) = F2
sendKey = ""
receivedKey = ""

First
request

currentHash = F1
sendHash = hash(F1) = F2

POST request

currentKey = F2
receivedKey = sendHash = F2

IF currentKey = receivedKey:

- + unlock()
- + sendKey = hash(currentKey) = F3
- + currentKey = hash(sendKey) = F4

RESPONSE

currentHash = sendKey = F3

Second
request

currentHash = F3
sendHash = hash(F3) = F4

POST request

currentKey = F4
receivedKey = sendHash = F4

IF currentKey = receivedKey:

- + unlock()
- + sendKey = hash(currentKey) = F5
- + currentKey = hash(sendKey) = F6

RESPONSE

currentHash = sendKey = F5