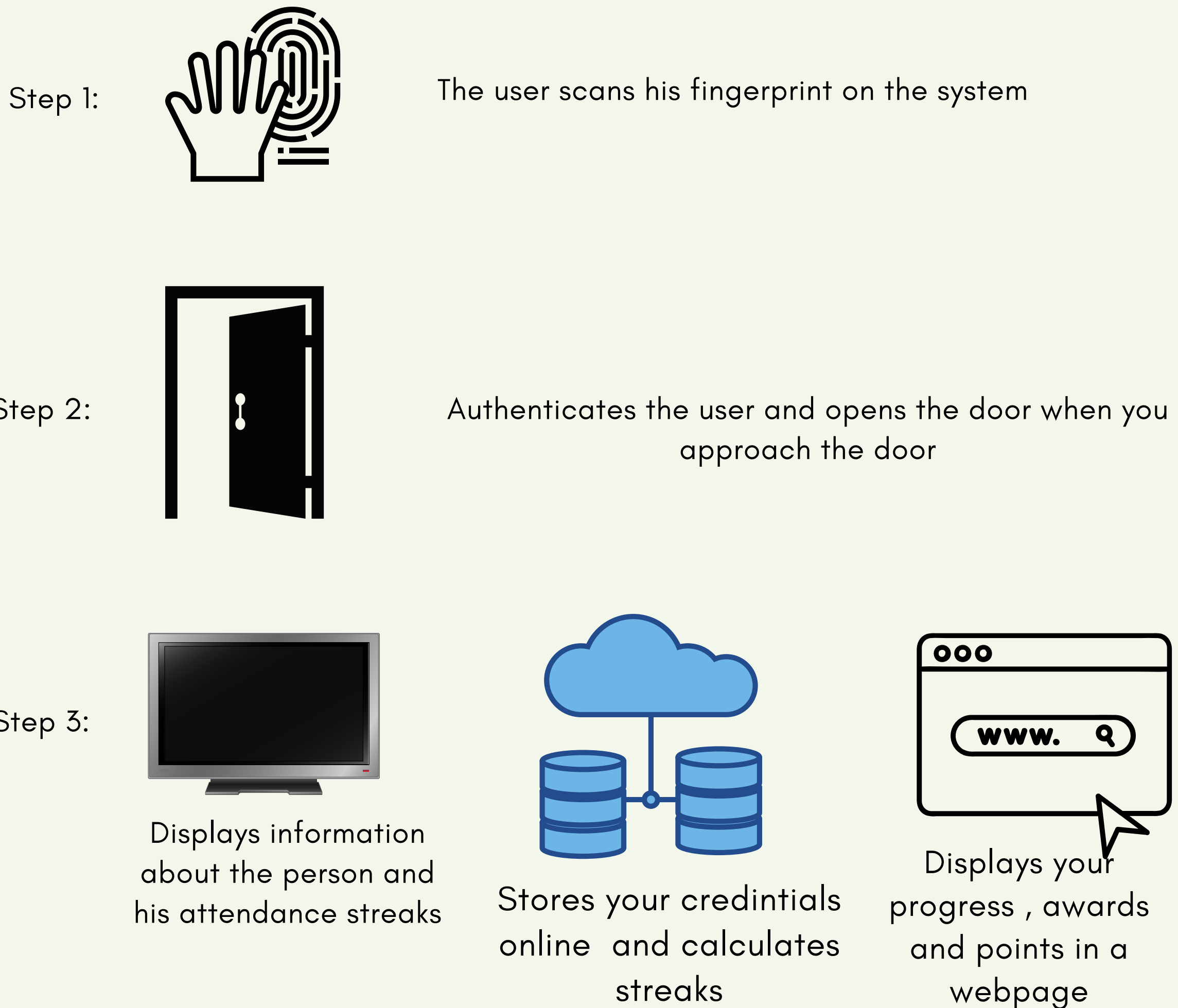


# SMART ATTENDANCE SYSTEM

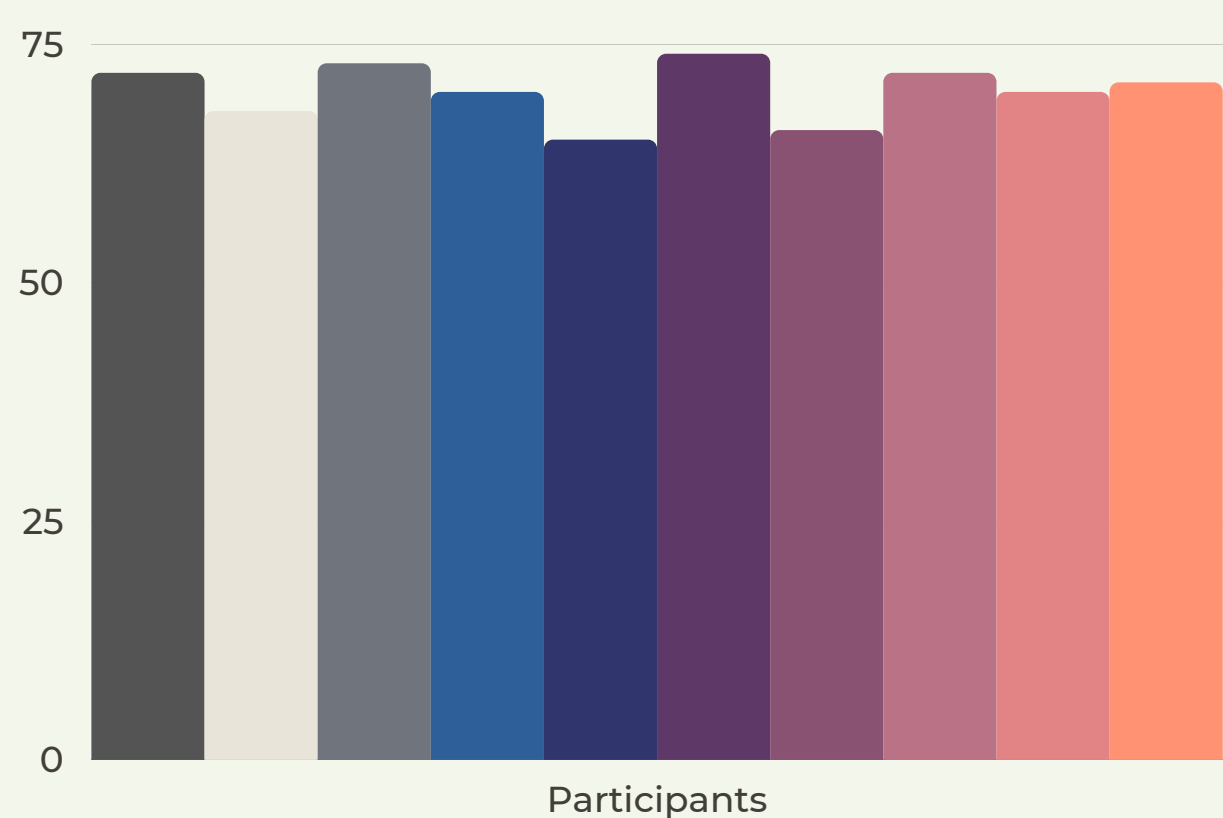
## Abstract:

A smart attendance system that uses biometric or NFC card reader-based authentication to track employee attendance in real time, authenticate them and control the access to the door. Employee attendance data is displayed in a website where a podium system ranks employees based on their attendance streaks. In addition, the system can be used to award badges and rewards to employees who achieve certain milestones.

## Methods:



## User Study: Average time taken to enroll a new fingerprint



## Hardware/Software used:

- ESP8266
- NFC reader
- Fingerprint sensor
- LED
- Buzzer
- Ultrasonic sensor
- OLED
- Servo Motor
- Google sheets
- Arduino IDE