

# Biometric Attendance System

## Your Fingerprint, Your Passport to the System

This project addresses the need for a secure and efficient attendance tracking solution in both online and offline settings.

Our project utilizes fingerprint recognition technology to seamlessly record and manage attendance. It is integrated with Firebase for synchronization and can be controlled through a Telegram bot.

Main features:

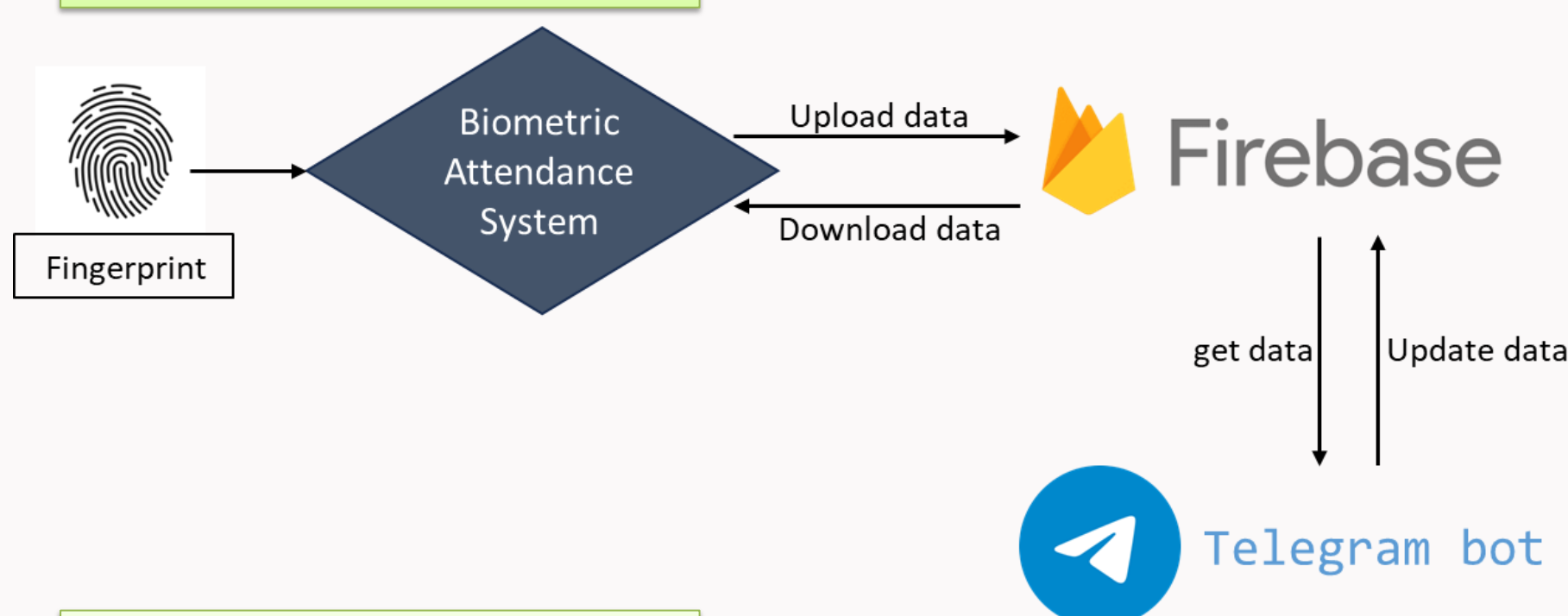
Fingerprint  
Authentication

Database  
Management

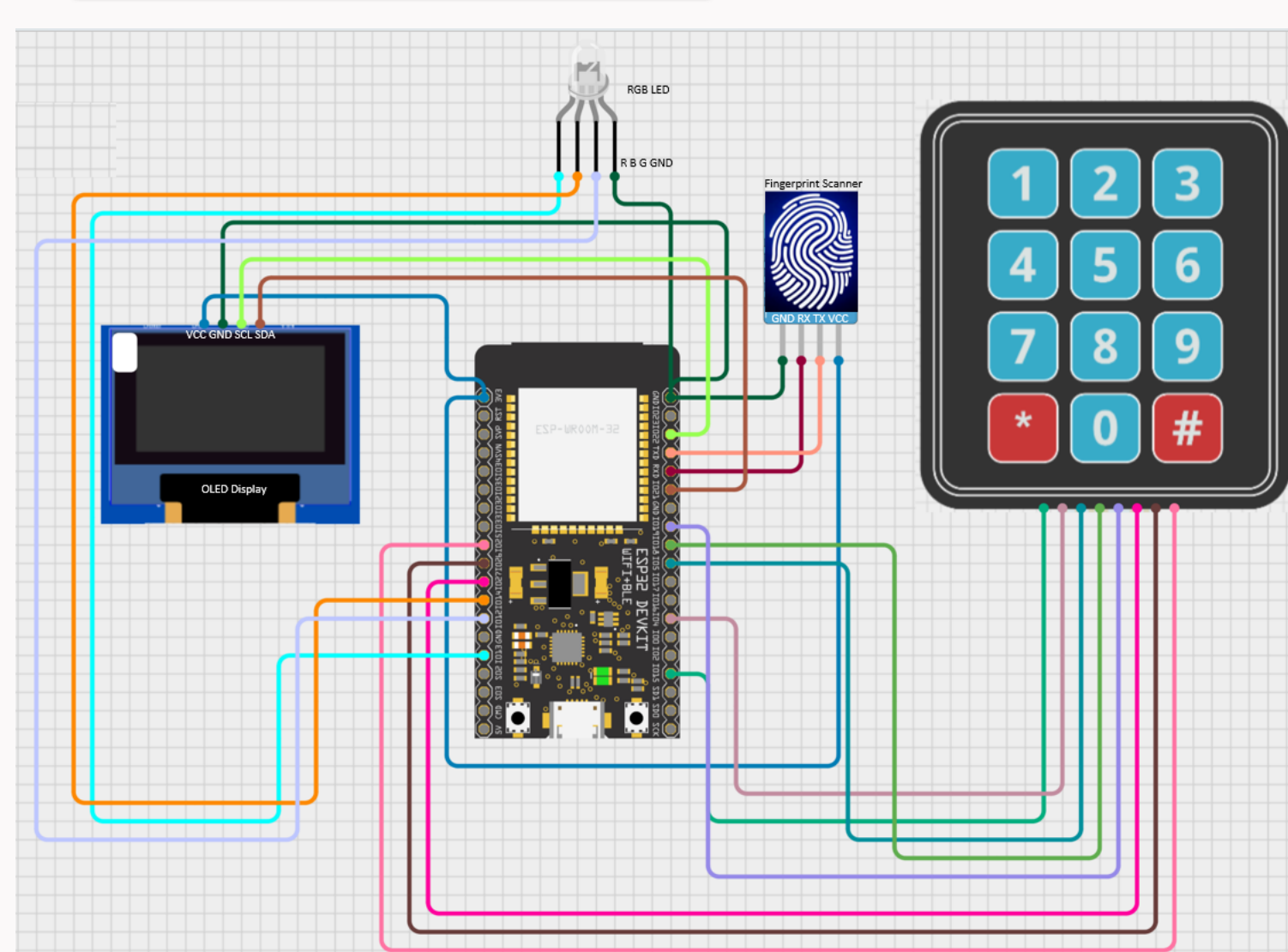
Telegram Bot  
Control

This project stands out by offering a comprehensive biometric attendance solution that combines offline and online modes seamlessly with enhancing both accessibility and security.

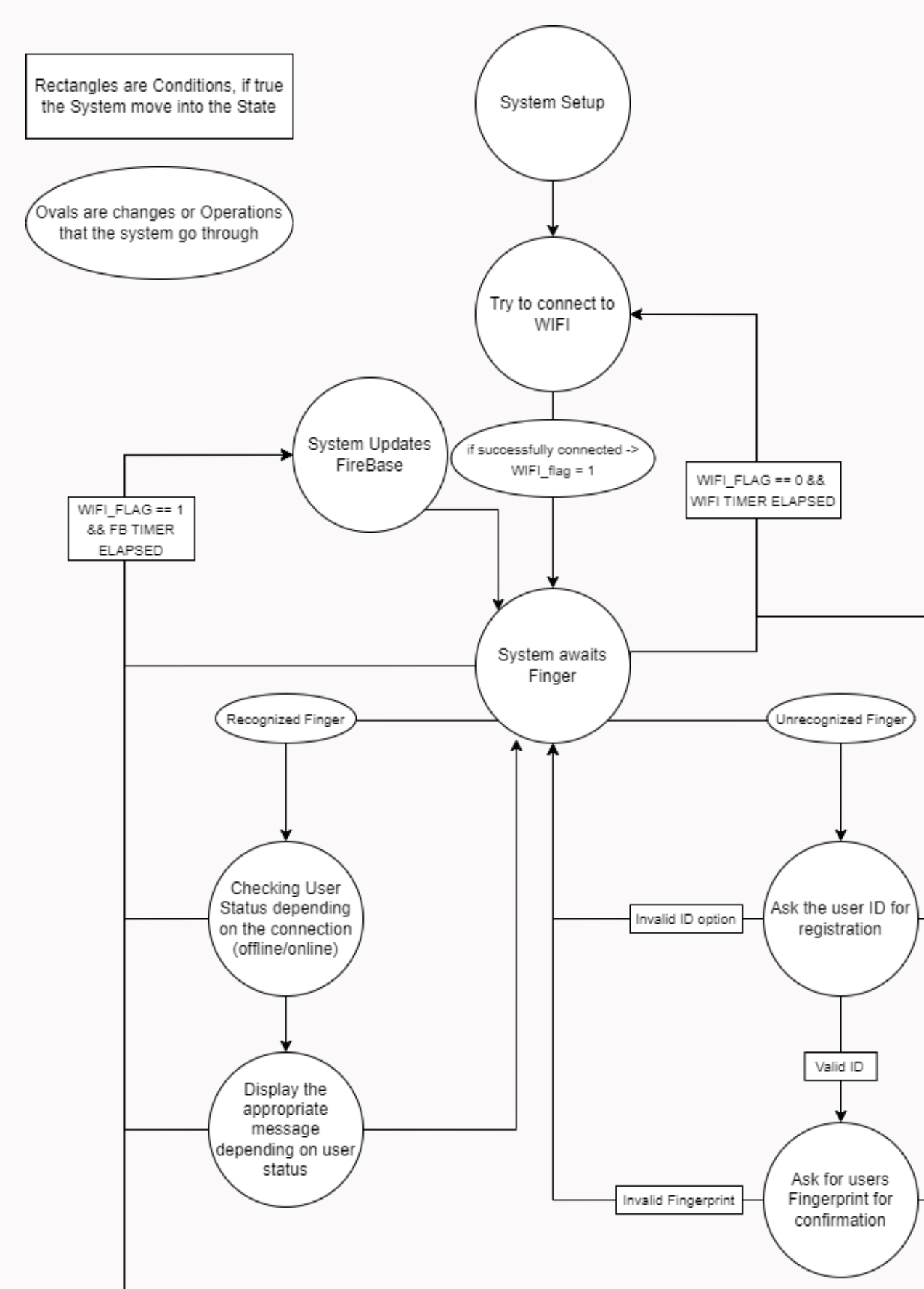
System Diagram



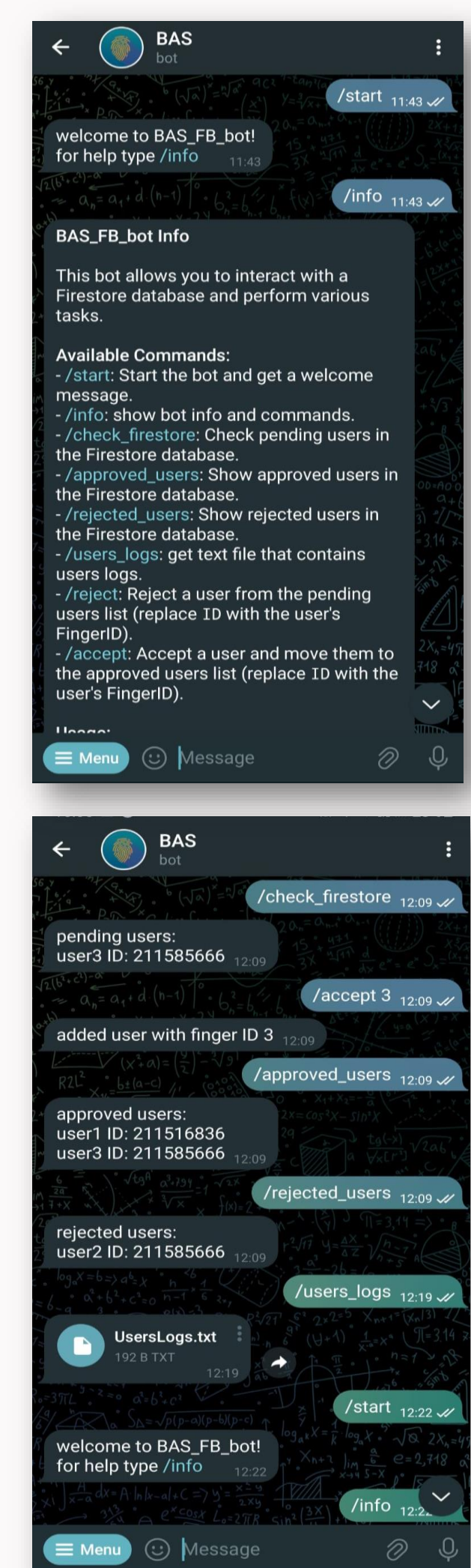
Hardware Diagram



System State Machine



Telegram Bot



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A Project in Internet of Things (IoT)