IoT BASED LOCK & ACCESS CONTROL SYSTEM

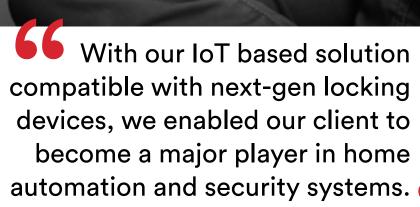**WEB DEVELOPMENT – SUPPORT & MAINTENANCE**

ABOUT PROJECT

In 2014, we were approached with an innovative concept by our client, leader in innovation of access control systems for homes. The idea required to build a robust solution for a key to access home and workplace using mobile phone that eliminates the use of physical key for home or work environments.

Our research and comprehension of the concept led to a solution that works for future innovations or updates in the access control systems. Not only that, but also a robust solution that is fully compatible with the currently installed system only with a few alterations.

THE REQUIREMENT

- IoT Based Lock & Access Control System
- Compatibility with Next Gen Devices
- Research & Analysis for Technology & Hardware
- Viability for Low Energy Consumption
- Scalable Software that Adapts to Various Systems
- Highly Secured & Easy to Use

> " With our IoT based solution compatible with next-gen locking devices, we enabled our client to become a major player in home automation and security systems. "

IoT BASED LOCK & ACCESS CONTROL SYSTEM

Industry
**Home Automation
& Security**

Technology
iOS | **Objective C**

WEB DEVELOPMENT – SUPPORT & MAINTENANCE

KEY FEATURES

- Secured Access System Integrated with Hardware
- Integration of a BLE (Bluetooth Low Energy) Chip
- Features to Edit Names, Access to the Keys
- Add Color for Active & Passive Keys
- Permission Access Management
- Simplified Functionality for Ease in Use
- Export Files to PDF or CSV Formats

THE EFFECT OF THE SOLUTION

Highly Scalable
System

Elimination of Traditional
Key-Lock System

Highly Secured Work &
Home Environments

Operate Remotely

HELIOS
SOLUTIONS