KEELER-3.0 User Manual

Version 01.01.10

Delphian Systems, LLC | 975 Weiland Rd. Suite 150, Buffalo Grove, IL 60089 | (847) 305-8076 | www.delphiansystems.com

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1. General Description

1.1. Introduction

This document provides detailed information regarding SecuRemote® KEELER lock, functionalities and features, supported SR Portal and smartphone application.

1.2. Purpose

This document provides installation, configuration and operation information for the *SecuRemote®* KEELER device using iOS devices and Android devices.
Note: The application will run on mobile devices that support Bluetooth Smart. The application will also run on iOS 6 and Android OS version 4.3 onwards.

- iPhone 4S & onwards
- iPad 3rd Generation & onwards
- iPad Mini
- iPod 5th Generation & onwards

Supports smart phone for Android™ OS 4.3 and higher operating system version.

- Motorola®
- HTC®
- Samsung®
- Google™
- Dell®
- Android™ Tablet*

1.3. Scope

This document covers all information required for a user to operate the SR KEELER.

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2. Definition(s) and Abbreviation(s)

Abbreviation	Definition
SR	*SecuRemote®*
SR Device	Device which used *SecuRemote®* Technology
App (app)	Application
SR KEELER	*SecuRemote®* KEELER device
Admin	Administrator
LED	Light Emitting Diode
SR Smart	*SecuRemote®* Smart
UDI Portal	UDI Portal (Online Server)
BT	Bluetooth®
m sec	Millisecond
Sec	Seconds
Async Event	Asynchronous Event

Table 1 Definition(s) and Abbreviation(s)

3. Reference(s)

Document #	Title

Table 2 Reference(s)

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4. Installation of SR Keeler

4.1. Tools Required

Refer to Keeler *SecuRemote®* enabled Mortise lock installation instructions for tooling requirements, which has been received with the lock

4.2. Safety

Refer to Keeler *SecuRemote®* enabled Mortise lock installation instructions which has been received with the lock

4.3. Install SR Keeler

Refer to Keeler *SecuRemote®* enabled Mortise lock installation instructions which has been received with the lock

4.4. SR KEELER detail for different buttons and LED's

- **LED Indication:**
    - **Blue LED –** Blinks when smartphone is connected to SR KEELER
    - **Green LED –** Glows as operation performed successfully
    - **Red LED –** Glows as **operation is failed**

Note: For more detail refer Chapter # 21 LED Indication of SR Keeler.

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5. Symbol Explanations for SR Keeler

	The SR Smart App is performing an operation
	Press this button to check the status of the selected device
	The device is “Unlocked”
	The device is “Locked”

Table 3 Symbol Explanation

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6. SR Keeler Overview

SR KEELER represents a new era of user-friendly security, control and convenience. It will provide many smart features that are not possible with standard conventional door lock. Here is a list of key features that are provided by the SR KEELER.

- Operate SR KEELER using SR Smart application installed in iOS or Android devices. User can operate it within radius of up to 80 feet from SR KEELER without obstacles in Local Mode.
- User can operate device from remote location.
- User can operate device by Keyfob within 40 feet range of SR Keeler.
- Provide access to other users.
- Notification alerts are triggered when you have forgot to lock the door and moved a mile away from the SR Keeler location. (NOTE: Location based services must be enabled. Location needs to be saved during setup)
- Audit trail shows last 255 operations in smartphone with detail about each operation executed by any user.
- Configure user PIN so it prompts user to enter PIN every time user operates SR KEELER.
- User can upgrade firmware from SR Smart app.
- User can manage other user and device access settings from *SecuRemote®* Portal.

How it works

The *SecuRemote®* Smart app uses unique technology to transparently deliver powerful communication, authentication and functionality. The communication process begins when the primary User pairs his/her smartphone with a SecuRemote® device. The device will register the first users as an "Administrator".

The Administrator can add 10 users (total of 10 users including Administrator/Keyfob) from his/her smartphone. Each user will receive a text Message with a link to download the App. Users can operate device within range of 80 feet in Local Mode depends on obstacle and Remote Location also.

6.1. Local Mode

In this mode the communication between an SR Keeler and a Smartphone is direct (between the two devices) using enable Bluetooth. Communication distance can be up to 80 feet depending on communication obstructions or the product application. This mode also supports Administration (Users are stored on the device itself), and Notification within Bluetooth range.

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6.2. Remote Mode

This mode offers all the previous benefits, but it also add the ability for an SR device to be connected to SR online portal all the time, thus allowing a remote operation through SR online portal and event monitoring even when a user's Smartphone is not present. This mode requires the use of the SR Bridge device. The SR Bridge comes in two form factors that enable Internet access. One version provides an Ethernet port which can be connected to a router port. The other version operates over the Sprint cellular network using a CDMA modem. The SR Bridge setup and configuration are automatic.

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7. Download SR Smart App for iOS

The SR Smart App will operate any SR devices. Upon selecting the SR device user wants to operate the app will automatically display menu features and functionality for the selected device. The app is available for download through the App Store on your Smartphone. Search for "SecuRemote" or "SR Smart" or "*SecuRemote®* Smart" word. The user should always download the SR Smart App directly from your smartphone's store as this practice ensures future automatic app improvements/updates.

Note: Data Services must be turned on in Settings before accessing the App Store.

7.1. Download the SR Smart App through App Store

1. Click on "App Store" Icon to open app store. Refer Figure 1.
2. Search "securemote" keyword to find *SecuRemote®* Smart application. Refer Figure 2.
3. Click on "GET" it will prompt for an Apple ID and password to begin SR Smart application download. Refer Figure 3.

Figure 1 Smart Phone Home Screen

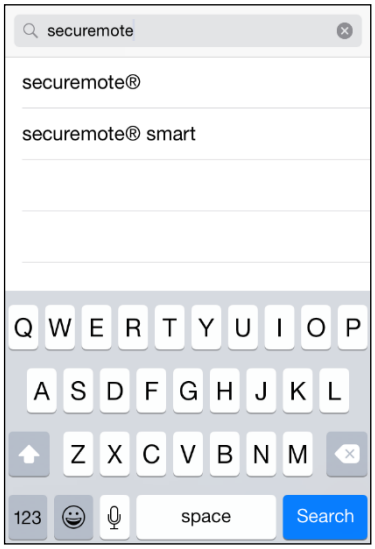

Figure 2 Search for SR Smart App

Figure 3 App Store Search Screen

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4. Click on “INSTALL”, to start installation of SR Smart application. Refer **Error! Reference source not found.**.
5. By default, the “SR Smart” App icon will be placed in the first available spot on your home screen. Refer Figure 5.

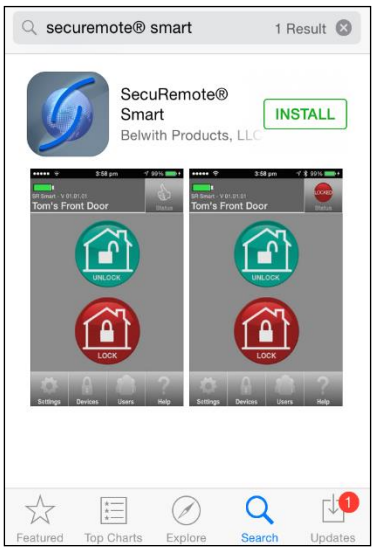

Figure 4 Installation Screen

Figure 5 App Icon in Home Screen

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8. Download SR Smart App for Android

The SR Smart App will operate any SR devices. Upon selecting the SR device user wants to operate the app will automatically display menu features and functionality for the selected device. The app is available for download through the Google Play Store on your Smartphone. Search for "SecuRemote" or "SR Smart" or "*SecuRemote*® Smart" word. The user should always download the SR Smart App directly from your smartphone store as this practice ensures in future app will automatic require improvements/updates.

Note: Data Services must be turned on in Settings before accessing the App Store.

8.1. Download the SR Smart App through Play Store

1. Click on "Play Store" icon to download SR Smart App. Refer Figure 6.
2. Search "securemote" keyword to find SR Smart application. Refer Figure 7.
3. Click on "FREE" to begin SR Smart application download. Refer Figure 8.

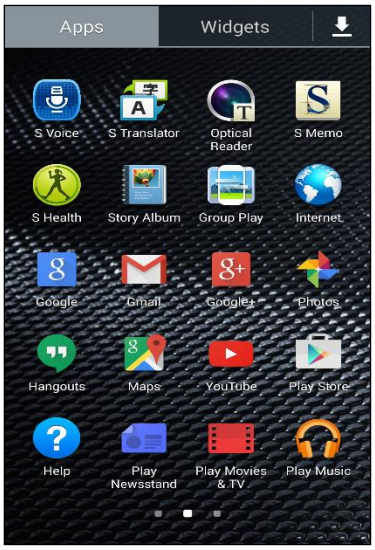

Figure 6 Smart phone Home Screen

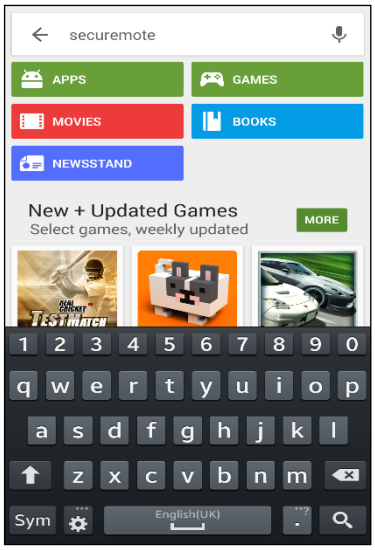

Figure 7 Search for SR Smart App

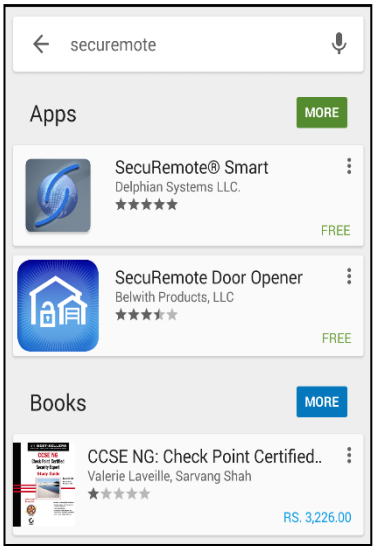

Figure 8 App Store Search Screen

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4. Click on “INSTALL”, to start installation of SR application. Refer Figure 9.
5. By default, the “SR Smart” App icon is placed in the first available spot on your home screen. Refer Figure 10.

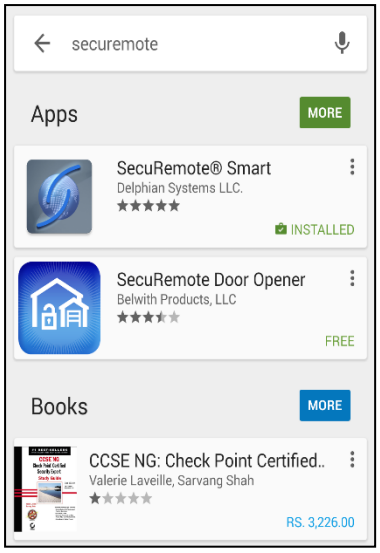

Figure 9 Install SR Smart App

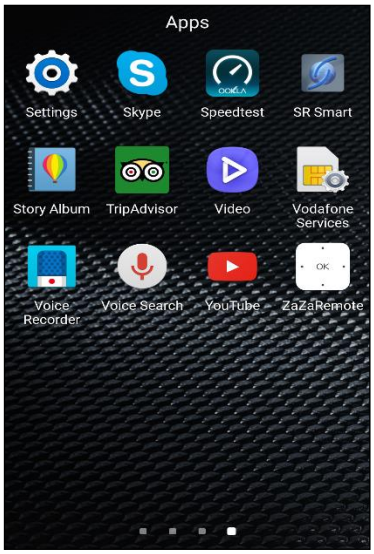

Figure 10 Installation Completed

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9. Register and Operate SR Keeler

After successful installation of “SR Smart” app, SR Smart app icon will appear on smartphone home screen. User can register SR device using “SCAN QR CODE” or “Enter SR # manually” options, after successful activation user can pair and operate SR KEELER.

Note: Turn on data services and Bluetooth service before accessing the app store.

9.1. Register Devise using scan QR code

1. Click on the “SR Smart” app icon to launch the SR Smart app. “ADD SR DEVICE” screen will open. Refer Figure 11.
2. Click on “SCAN QR CODE” option to add device, “Scan QR Code” will launch Camera to scan SR # from user manual or interior part of SR KEELER. Refer Figure 12.
3. After QR Code is scanned successfully, SR Device information will fill automatically in “ADD SR DEVICE” screen. Enter “SR Device Name” manually and click on “Create New Account” option. Refer Figure 13.

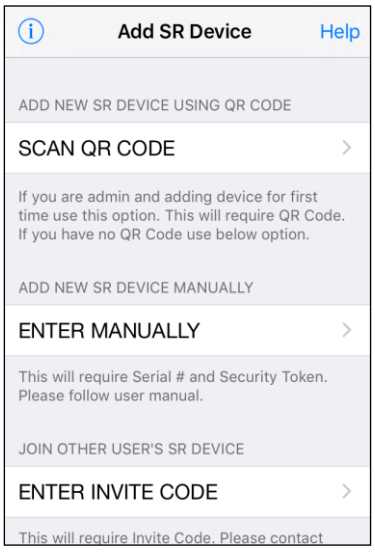

Figure 11 Add SR Device

Figure 12 Scan QR Code

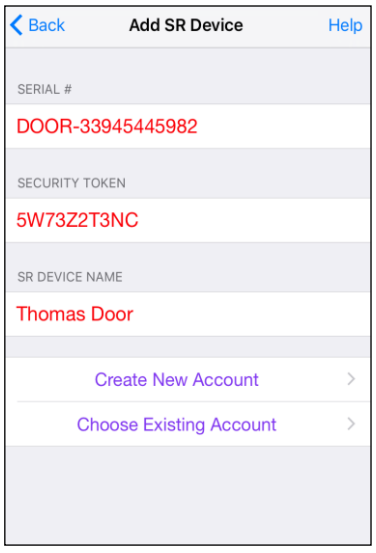

Figure 13 Add SR Device

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4. Enter all mandatory information in “Create SR Account” screen and click on “Register SR Device” option. Refer Figure 14.
5. It will display “Registering SR Device” activity message in “Create SR Account” screen. Refer Figure 15.
6. After device is registered on server it will redirect to app home screen and display toast message like “Keeler is paired successfully, you can start operate it.” Refer Figure 16.

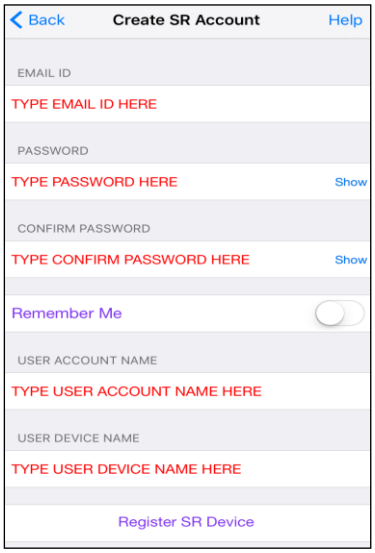

Figure 14 Create SR Account

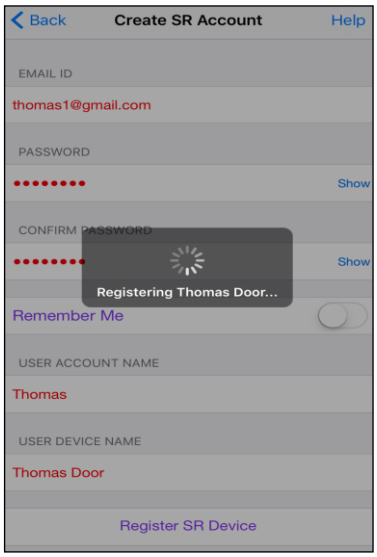

Figure 15Registering SR Device

Figure 16 Home Screen

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9.2. Register Device Manually

1. Click on the “SR Smart” app icon to launch the SR Smart app. “ADD SR DEVICE” screen will open, click on “Enter MANUALLY” option to add device manually. Refer Figure 17.
2. It will display “ADD SR DEVICE” screen. Refer Figure 18.
3. Enter all require SR Device information and click on “Create New Account” or “Choose Existing Account” option to add SR Device information. Refer Figure 19.

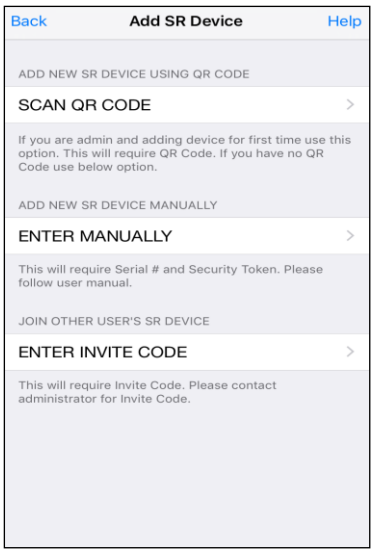

Figure 17 Add SR Device

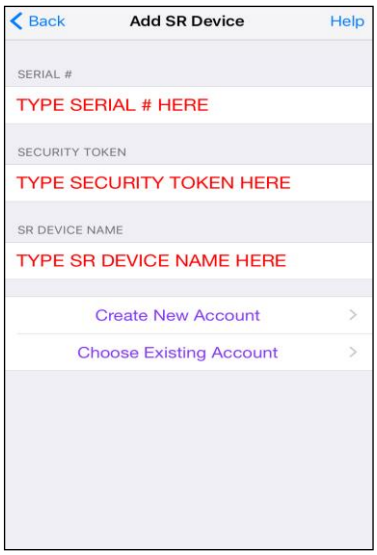

Figure 18 Add SR Device

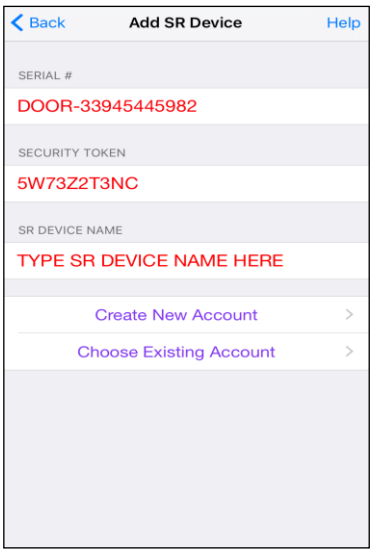

Figure 19 Add SR Device Detail

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4. It will display “Create SR Account” screen. Refer Figure 20.
5. Enter all require SR Account details and click on “Registering SR Device” option, it will appear “Registering SR Device” activation message. Refer Figure 21.
6. After device is registered on server it will redirect to app home screen and display toast message like “Keeler Lock is paired successfully. You can start operate it now.” Refer Figure 22.

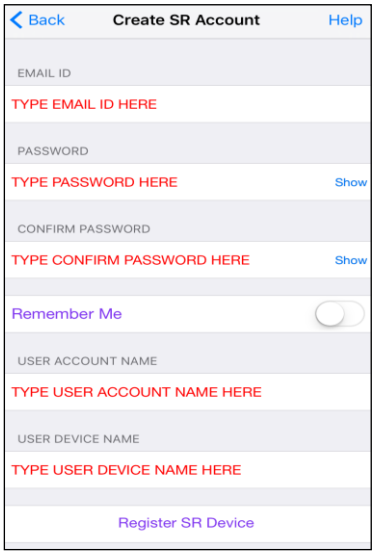

Figure 20 Create SR Account

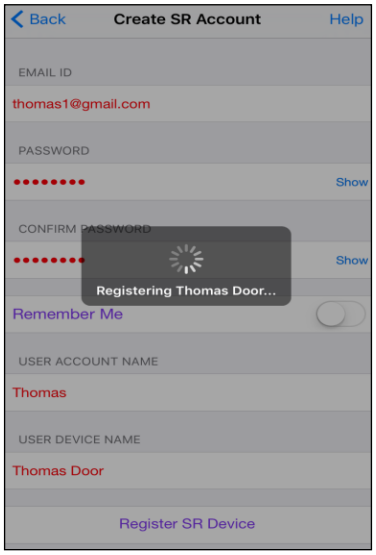

Figure 21 Registering SR Device

Figure 22 Home Screen

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9.3. Choose Existing Account

1. Click on the “SR Smart” app icon to launch the SR Smart app. “ADD SR DEVICE” screen will open. Refer Figure 23.
2. Click on “SCAN QR CODE” option to add device, “Scan QR Code” will launch Camera to scan SR # from user manual or interior part of SR KEELER device. Refer Figure 24.
3. After QR Code is scanned successfully, SR Device information fills in automatically in “ADD SR DEVICE” screen. Enter “SR Device Name” and click on “Choose Existing Account” option. Refer Figure 25.

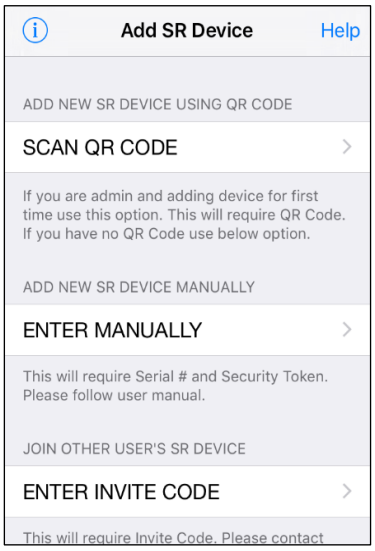

Figure 23 Add SR Device

Figure 24 Scan QR Code

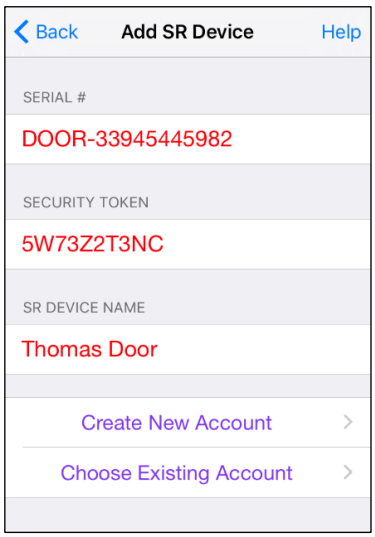

Figure 25 Add SR Device

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4. Searching device screen will be displayed. Refer Figure 26.
5. It will display “Administrator Details” screen. Fill detail and click on “Validate Details” option. Refer Figure 27.
6. It will display “Validating Administrator” screen. Refer Figure 28.

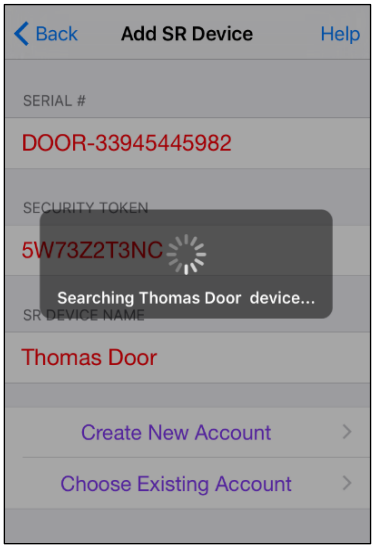

Figure 26 Searching SR Device Screen

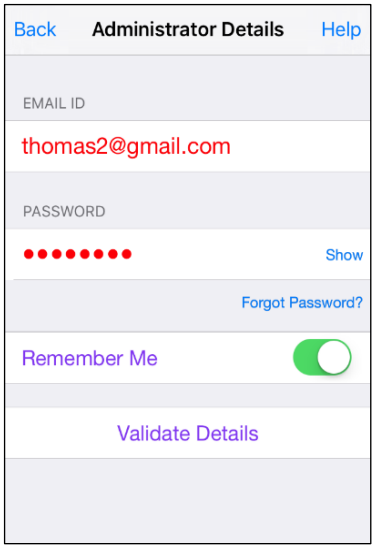

Figure 27 Administrator Details

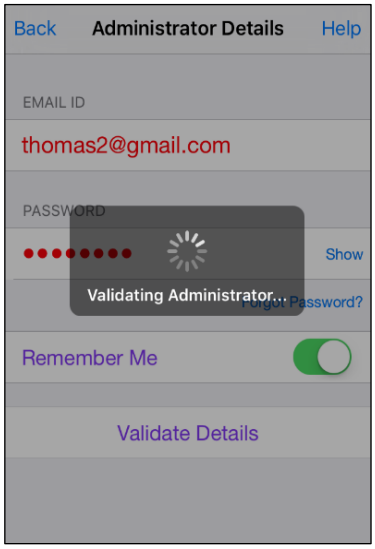

Figure 28 Validation Screen

7. Existing Account screen will be displayed enter User Device Name and click on “Register SR Device” option. Refer Figure 29.
8. Registering device screen will be displayed. Refer Figure 30.
9. Device home screen will display after pair with device. Refer Figure 31.

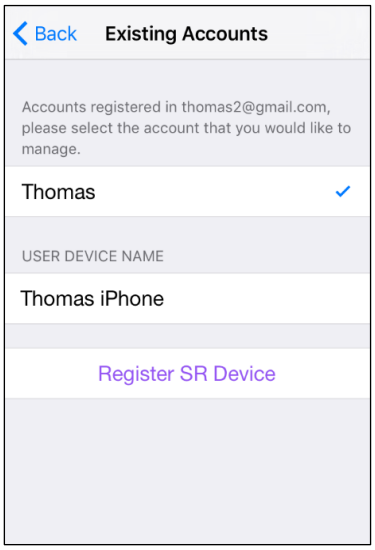

Figure 29 Existing Account

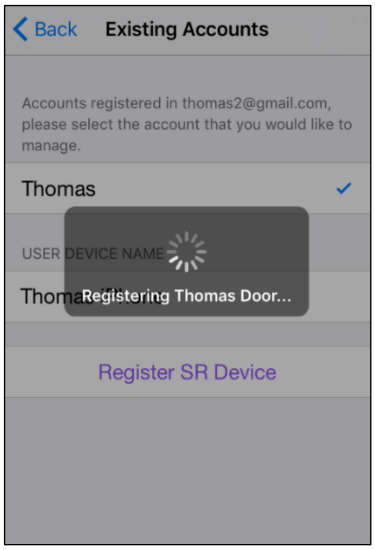

Figure 30 Registering Screen

Figure 31 Home Screen

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10. Operate SR Keeler using SR Smart App

1. Device Home Screen when device is not connected. Refer **Error! Reference source not found.**
2. Click on the “Lock” button to lock the Door, it will display toast message like “Door is Locked”. Refer Figure 33.
3. Click on the “Unlock” button to unlock the Door, it will display toast message “Door is Unlocked”. Refer Figure 34

Figure 32 Home Screen

Figure 33 Locked message

Figure 34 Unlocked Message

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11. Check Status of SR Keeler

1. If the door is Unlocked, then “Unlocked” will be indicated Green Color in Status. Refer Figure 35.
2. If the door is locked, then “Locked” will be indicated Red Color in Status. Refer Figure 36.

Figure 35 Unlocked Status

Figure 36 Locked Status

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12. Setting Management

Admin user can set any SR KEELER parameter using this option. Go in “SR Device Settings” from “Settings” option to change settings.

12.1. SR Device Settings

1. Click on “Settings” from Home screen and click on “SR Device Settings” option. Refer Figure 37.
2. It will display “Administrator Details” screen, enter “email id” and “password” of your SR account. Refer Figure 38.
3. It will display “SR Device Settings” screen. Refer Figure 39.

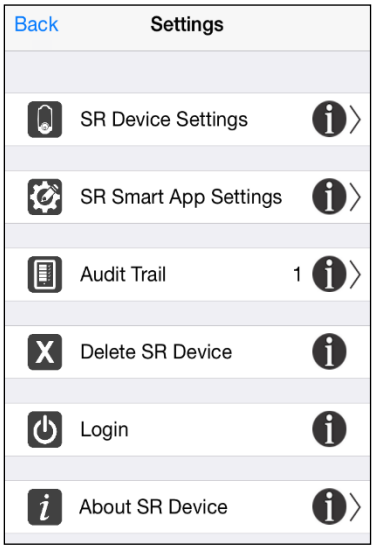

Figure 37 Settings Screen

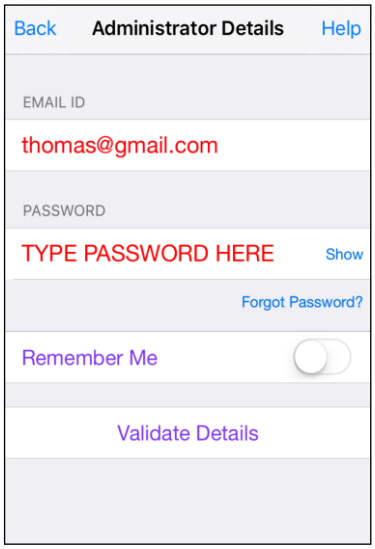

Figure 38 Admin Validation

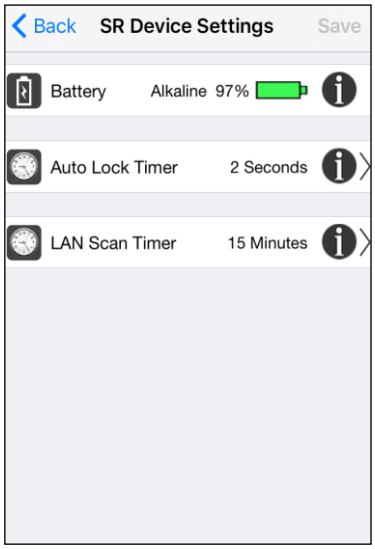

Figure 39 SR Device Settings

Note: After changing all the settings, click on “Save” option to change settings.

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12.1.1. Battery

1. Click on “Settings” from Home screen and the current “Battery” status of SR Keeler device will be displayed in first option of “SR Device Settings” screen. Refer Figure 40.

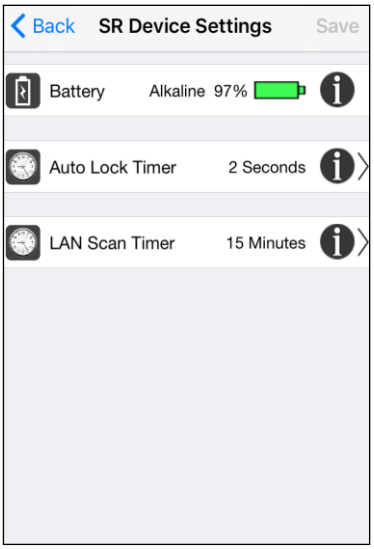

Figure 40 Battery Information

Note: “Lan Scan Timer” option will display when device added in SR bridge.

12.1.2. Auto Lock Timer

1. Click on “Auto Lock Timer” from “SR Device Setting” screen. Refer Figure 41.
2. Select desired time to auto lock SR Keeler device. Refer Figure 42.
3. Click on “SAVE” option, it will display toast message “SR Device Settings is changed successfully”. Refer Figure 43.

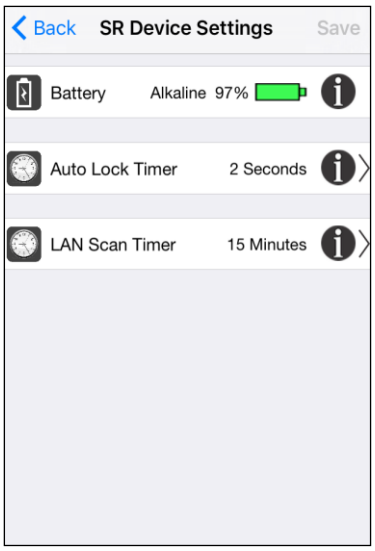

Figure 41 SR Device Settings

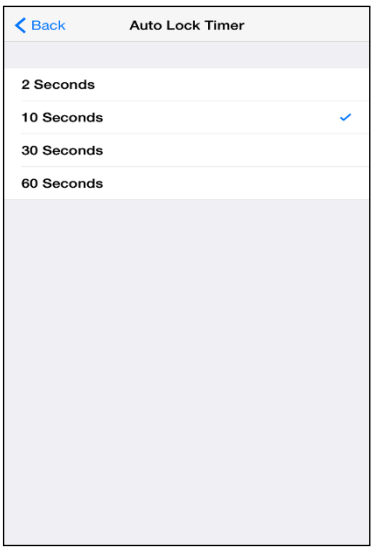

Figure 42 Auto Lock Timer

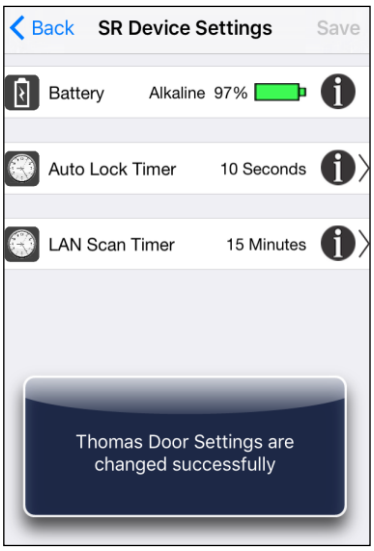

Figure 43 Confirmation Message

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12.1.3. LAN Scan Timer

This option allows user to specify the local area network scan interval time. SR Device will stop its scanning within Protocol layer/Master Device after this much of time and will go in sleep mode. This feature will help to increase battery life of your SR device by avoiding needless scanning.

1. Click on “LAN Scan Timer” screen from “SR Device Settings”. Refer Figure 44.
2. Choose time “LAN scan time” from given time option. Refer Figure 45.
3. Click on “SAVE” option and it will display toast message like “SR Device Settings is changed successfully”. Refer Figure 46.

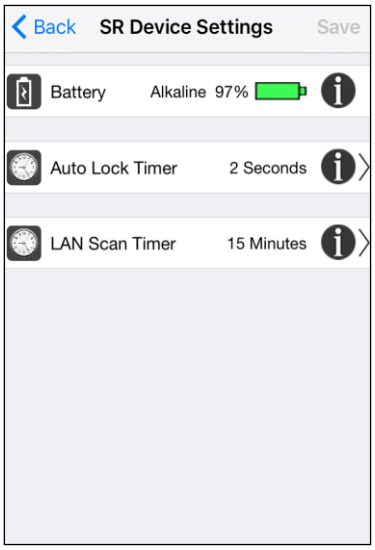

Figure 44 SR Device Settings

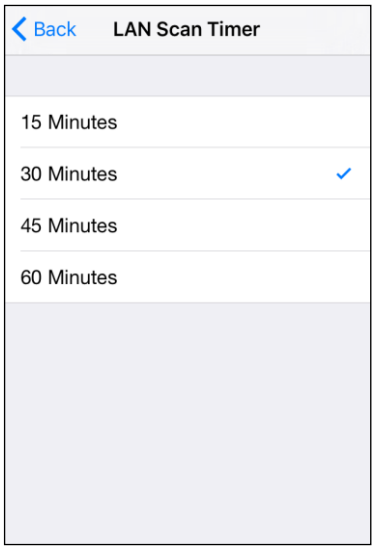

Figure 45 LAN Scan Timer

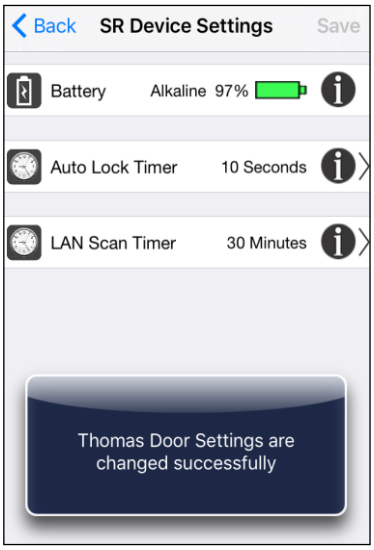

Figure 46 Confirmation Message

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12.2. SR Smart App Settings

12.2.1. SR Device Name

1. Click on “SR Device Name” from “SR Smart App Settings” option. Refer **Error! Reference s ource not found.**.
2. Enter the desired device name and click on “SAVE” option. Refer Figure 48.
3. It will redirect to “SR Smart App Settings” screen. Refer Figure 49.

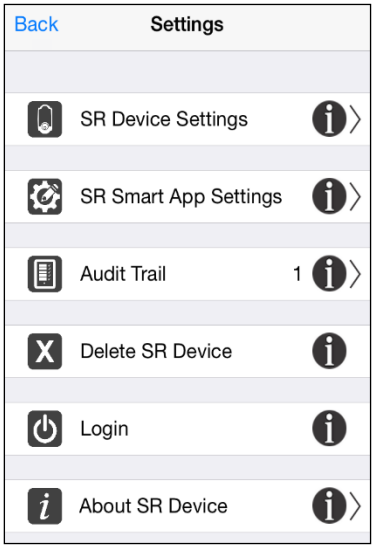

Figure 47 Settings Screen

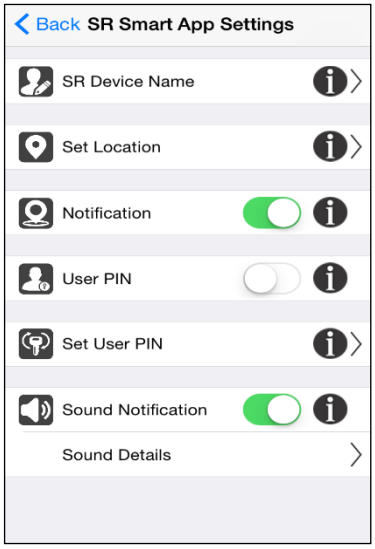

Figure 48 SR Smart App Settings Screen

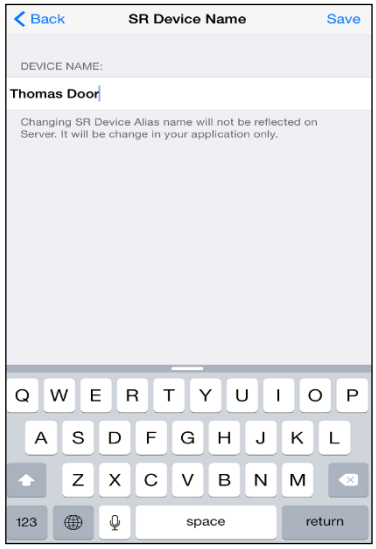

Figure 49 SR Device Name

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12.2.2. Set Location

This feature is used to set the Current Location of your SR KEELER, which is necessary to enable "Notification" feature of SR KEELER.

1. Click on "Set Location" option and make sure your smartphone is at a location closest to the SR KEELER. Refer Figure 50.
2. It will pop up one message to ensure that you are at the SR Device location. Refer Figure 51.
3. Set Location Message will pop up with "cancel" and "Set Location" options, click on "Set Location". Refer Figure 52.

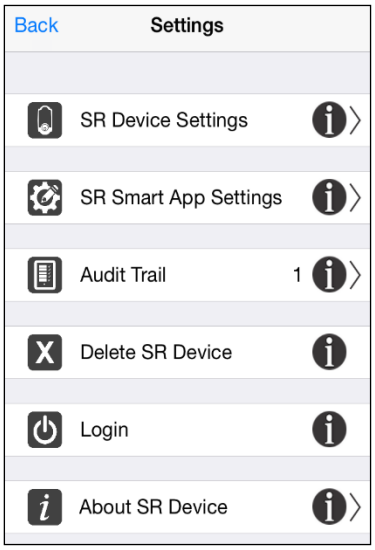

Figure 50 SR Device Settings

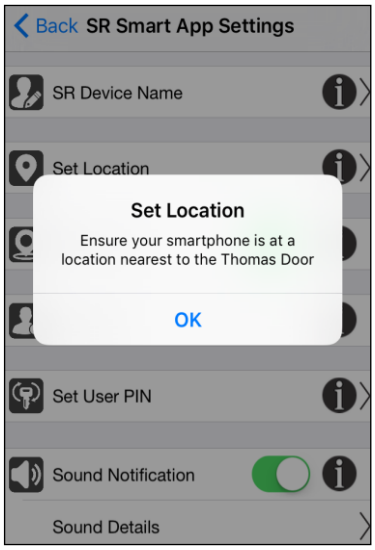

Figure 51 Location Setting Screen

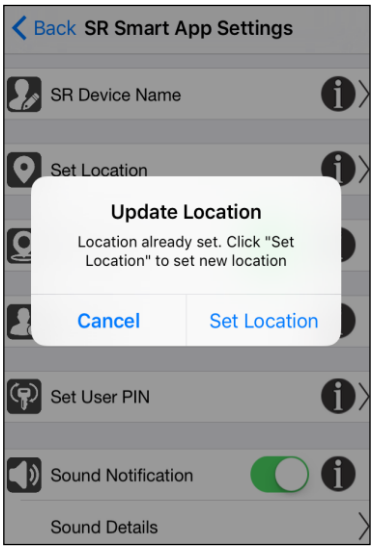

Figure 52 Set Location Message

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4. It will display “fetching current location” message. Refer Figure 53.
5. It will display “Device Location is set successfully. Region monitoring is enabled” message with “OK” Button. Refer Figure 54.

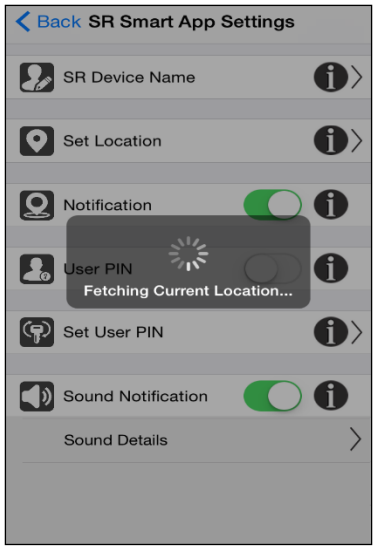

Figure 53 Location Setting Message

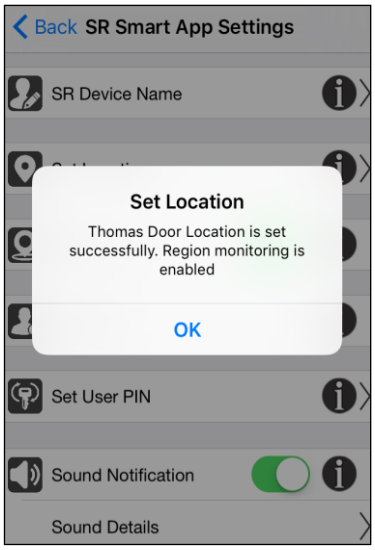

Figure 54 Set Location message

12.2.3. Notification

Notification alert will be triggered if you forgot to close the door and are greater than 1 mile away from the door location. This will be accomplished using your smartphone's Location Services.

1. Click on SR Smart App Settings it will display SR Smart App Settings screen. Refer Figure 55.
2. Enable/Disable “Notification” by using toggle button. Refer Figure 56
3. Notification message will display in smartphone notification screen. Refer Figure 57.

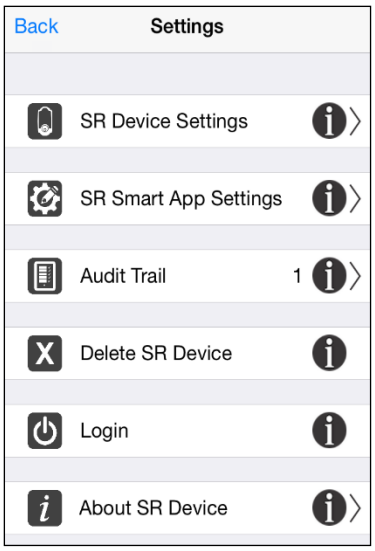

Figure 55 Settings Screen

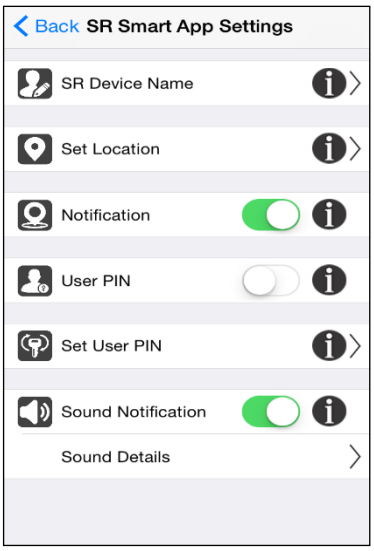

Figure 56 SR Smart App Settings Screen

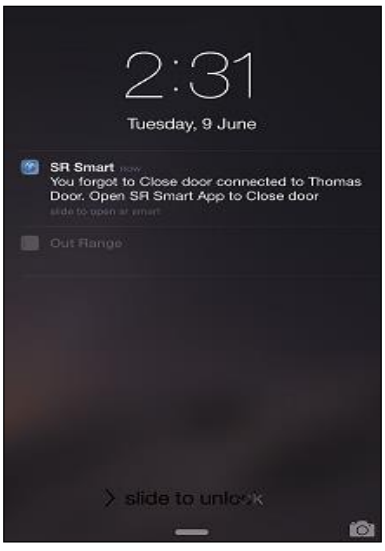

Figure 57 Notification

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12.2.4. User PIN

Configure user PIN so it prompts user to enter PIN every time user operates SR KEELER.
This feature is used to Enable/Disable User Pin.

1. Click on SR Smart App Settings it will display SR Smart App Settings screen. Refer Figure 58.
2. Enable/Disable “User PIN” by using toggle button. Refer Figure 59.

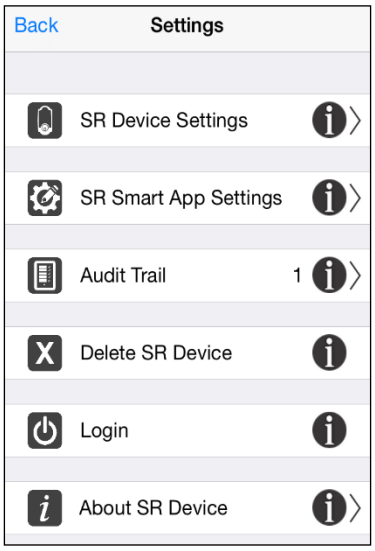

Figure 58 Settings Screen

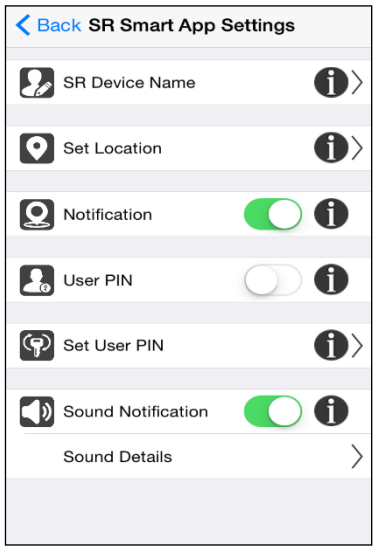

Figure 59 SR Device Settings

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12.2.5. Set User PIN

This option allows the user to change the User PIN. The User PIN is a minimum of four alphanumeric characters and provides additional security. If enabled, the User PIN must be entered every time when user initiates the lock or unlock operation.

1. Click on “Set User PIN” from SR Smart App Settings screen. Refer Figure 60.
2. It will prompt existing “User PIN”; enter default “1234” as User PIN. Refer Figure 61.
3. User PIN screen will display. Refer Figure 62.

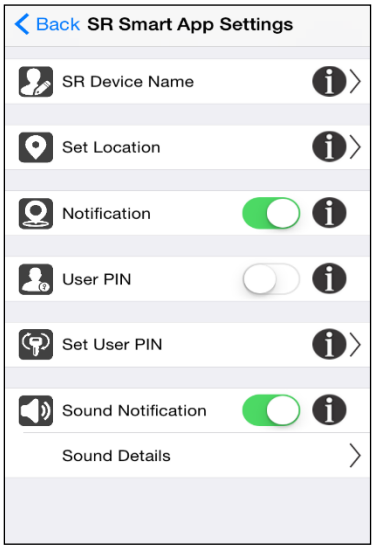

Figure 60 SR Smart App Settings Screen

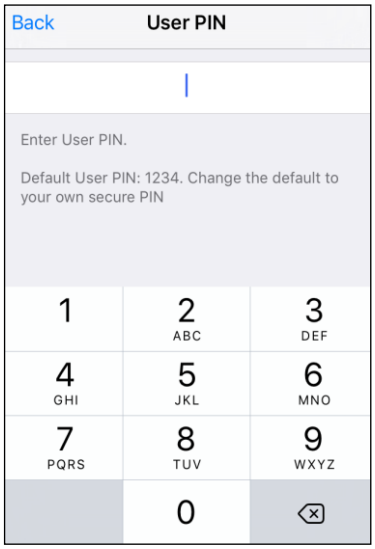

Figure 61 User PIN

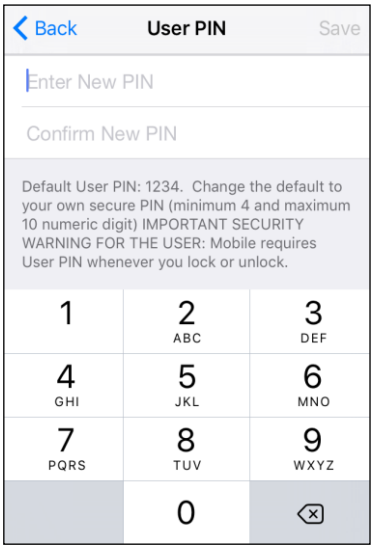

Figure 62 Set New User PIN

4. Enter “New PIN”, “Confirm New PIN” and click on “Save” button. Refer Figure 63.
5. It will display “User PIN changed successfully” message. Refer Figure 64.

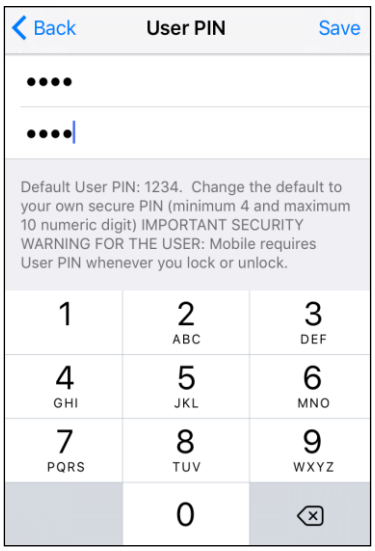

Figure 63 Set New User PIN

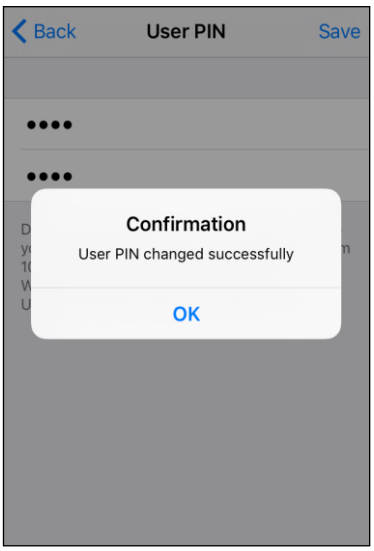

Figure 64 Success Message

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Note: In order to change User PIN, user must know current User PIN. Default User Pin is “1234”. User PIN is stored to smartphone so each user can set any User PIN. If the user forgets the User Pin, user needs to reinstall the *SecuRemote®* Smart Application.

12.2.6. Sound Notification

The SecuRemote® Smart Application plays different sounds upon Connecting, Disconnecting and any failure event. User can enable/disable this setting.

1. Click on SR Smart App Settings it will display SR Smart App Settings screen. Refer Figure 59.
2. Enable/Disable “Sound Notification” by using toggle button.

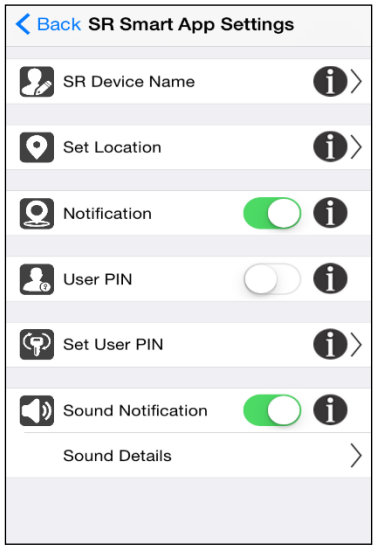

Figure 65 SR Smart App Settings

12.2.7. Sound Details

The *SecuRemote®* Smart Application plays different sounds upon Connecting, Disconnecting and any failure event. The App plays sounds for different operations like lock, unlock etc.
This is listing of various sounds played by application while performing different operations. You can click on each sound and check which sounds to be played.

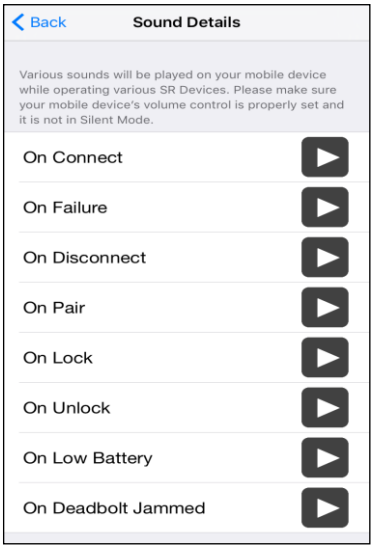

Figure 66 Sound Details

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12.3. Audit Trail

This option records and displays the last 255 operations performed.
Each entry has following details:

- Time, Date and Day
- Type
- Status
- User Name

1. Click on “Audit Trail” option from “Settings”. Refer Figure 67.
2. All the local mode operation will display in “Audit Trail” screen. Refer Figure 68.

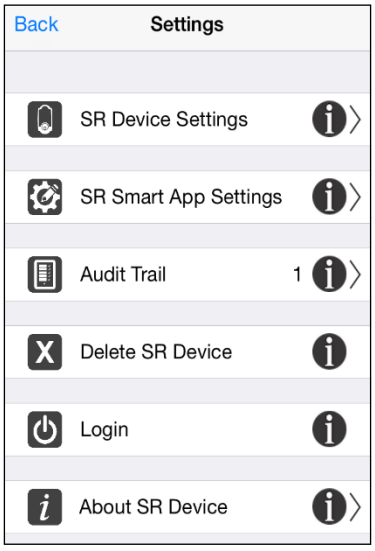

Figure 67 Settings Screen

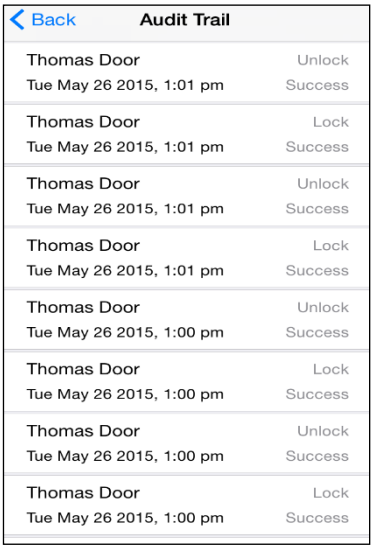

Figure 68 Audit Trail Screen

Note: For operations performed via the Smart Button or Keyfob, the Time, Date and Day will not be available. “Keyfob” will display as User name.

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12.4. Login

This option is used for user to login once for their SR account. SR Smart App will not ask admin details again if user has enabled “Remember Me” option. User also can log out using this option. This button will be converted to “Logout” option once user is logged in once.

1. Refer Figure 63 for Login.
2. Refer Figure 64 for Logout.

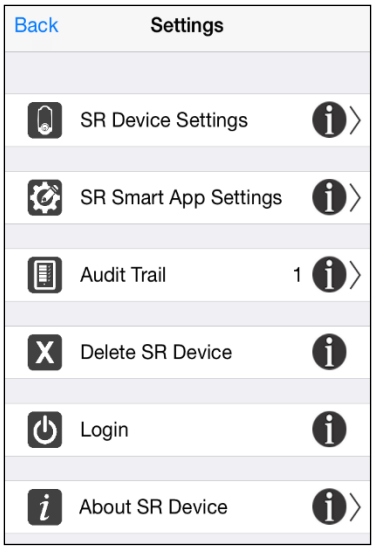

Figure 69 Login Screen

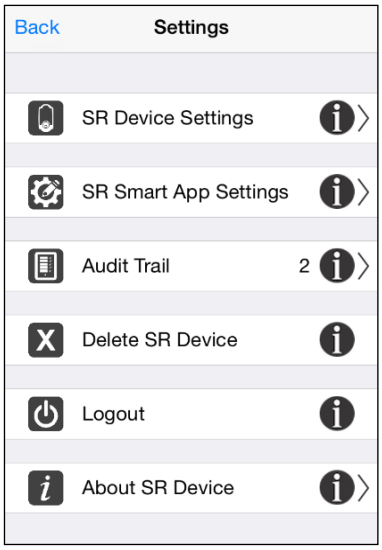

Figure 70 Logout Screen

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12.5. About SR Device

It provides details on Serial Number, Manufacturer's Name, Model Number, Hardware Version and Software Version of the SR KEELER.

1. Click on "Settings" from Home screen and click on "About SR Device". Refer Figure 64.
2. It will open "About SR Device" Screen with SR KEELER details. Refer Figure 65.

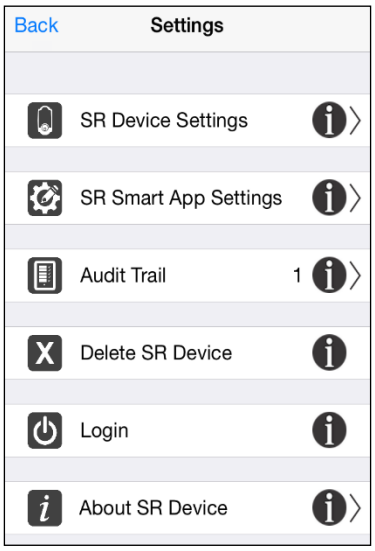

Figure 71 Settings Screen

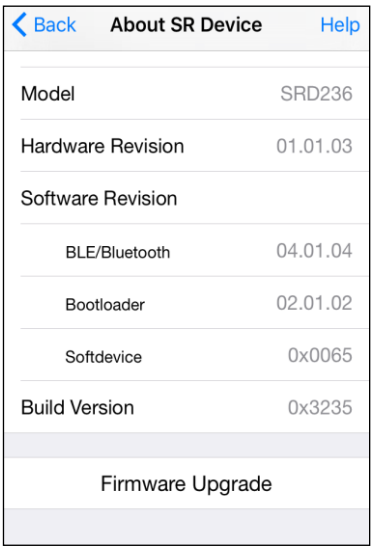

Figure 72 About SR Device

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12.6. Firmware Upgrade

Using this feature user can upgrade Firmware from SR Smart App over the air (OTA).

1. Click on “Settings” from Home screen and click on “About SR Device” option. Refer Figure 73.
2. It will display “Firmware Upgrade is in progress…” Refer Figure 74.
3. New firmware available message will display, click on “Yes” to upgrade the new firmware. Refer 75.

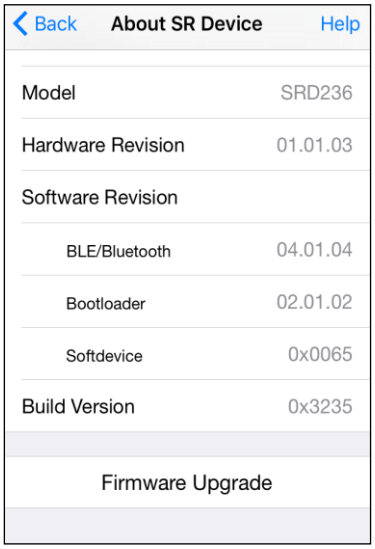

Figure 73 About SR Device Screen

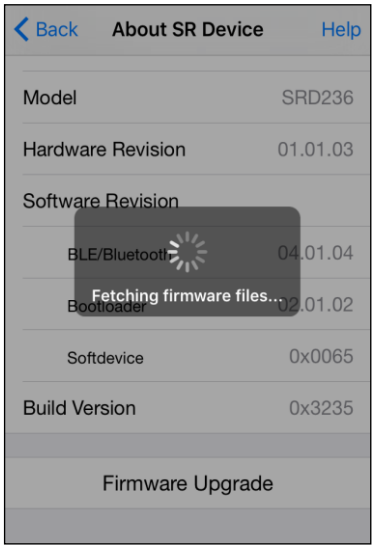

Figure 74 Admin Validation Screen

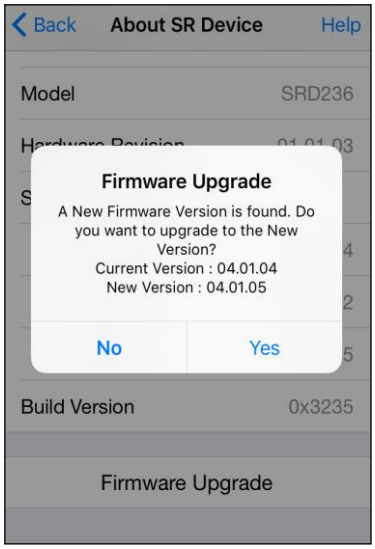

Figure 75 Firmware Upgrade Message

4. It will search SR Device for firmware update. Refer Figure 76.
5. After getting searched, SR Device is ready to upload new firmware. Refer Figure 78.
6. It will automatically start firmware upgrade. Refer Figure 79.

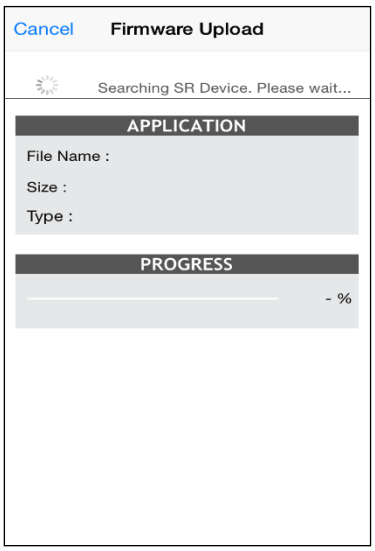

Figure 76 Search SR Device

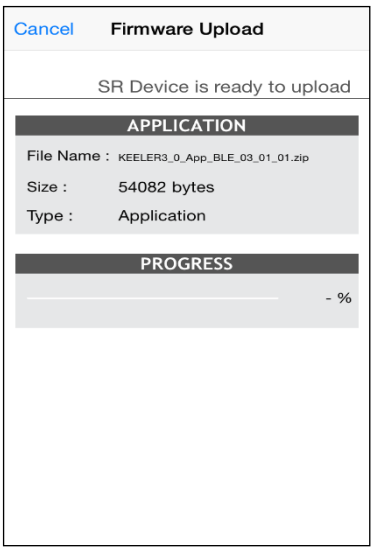

Figure 77 SR Device Ready to upload

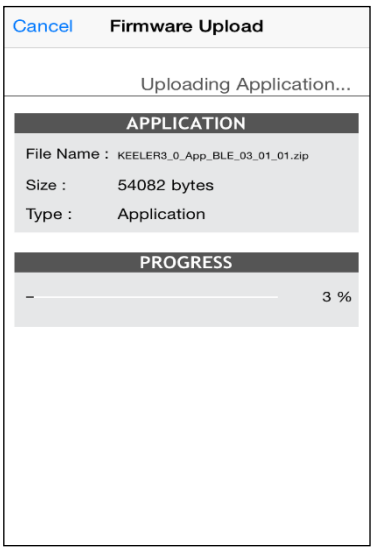

Figure 78 Firmware Upgrade in Progress

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7. Wait for Complete 100% progress bar. Refer Figure 79.
8. Firmware “Finished upload” message will be displayed with “OK” button. Refer Figure 80.

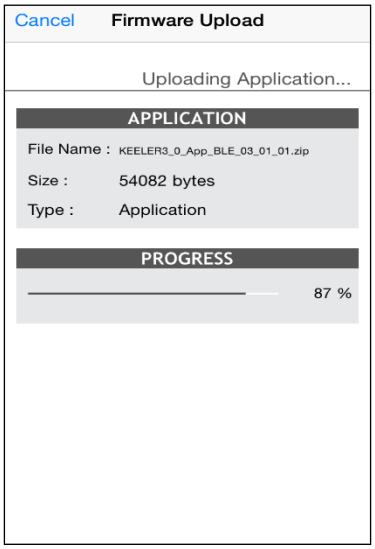

Figure 79 Uploading Firmware

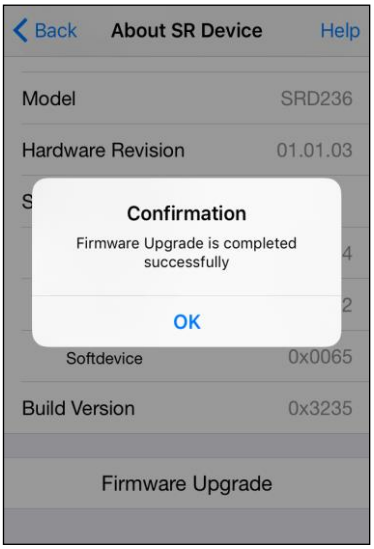

Figure 80 Finished Upload Message

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13. Device Management

The user can click on “Devices” option from SR Smart App Home Screen to display, add, delete, rename or check status of all installed SR KEELER controlled by this iOS/Android device.

13.1. Add Device

To add new SR device user can use this option.

1. Select Devices option from Home Screen. Refer Figure 81.
2. Click on Add SR Device to add new device. Refer Figure 82.
3. In Add SR Device user can add device using available options. Refer Figure 83.

Figure 81 Home Screen

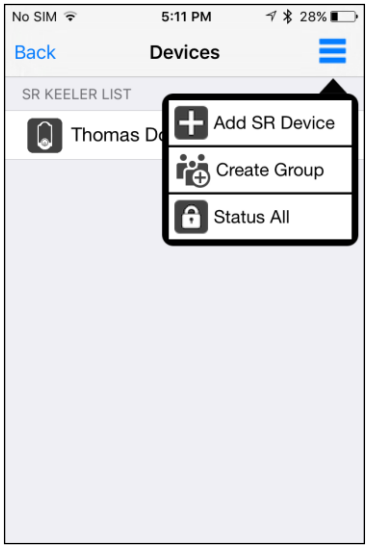

Figure 82 Device Screen

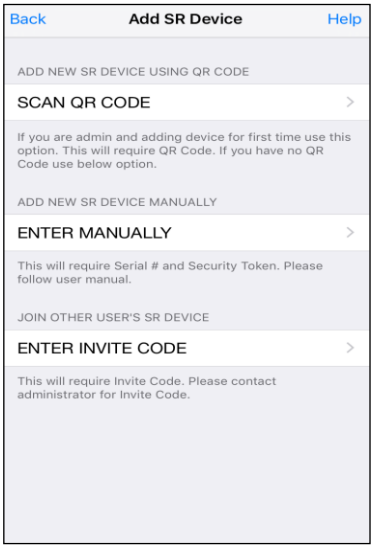

Figure 83 Add Device Screen

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13.2. Create Group

User can manage group, Rename Group and Delete Group from Devices screen.

1. Click on Devices option from home screen and devices screen will be displayed. Refer Figure 84.
2. Tap on menu icon from Devices screen and Tap on “Create Group” option. Refer Figure 85.
3. Create Group screen will be displayed. Refer Figure 86.

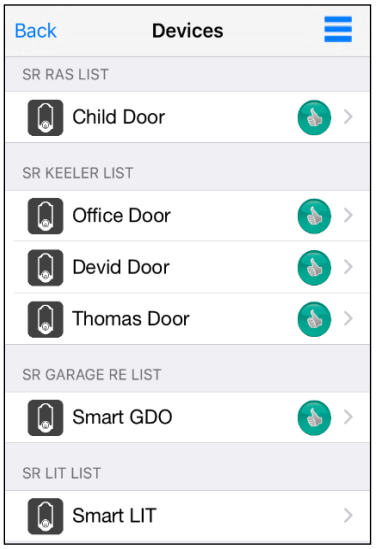

Figure 84 Device Screen

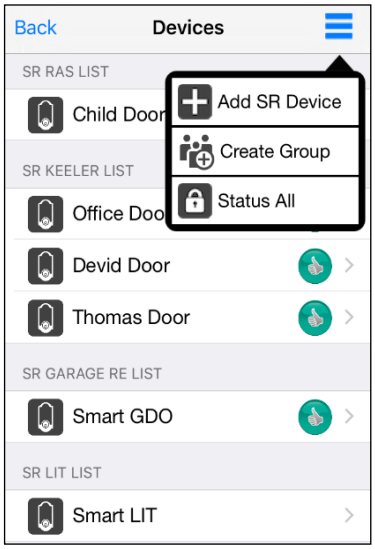

Figure 85 Device Screen

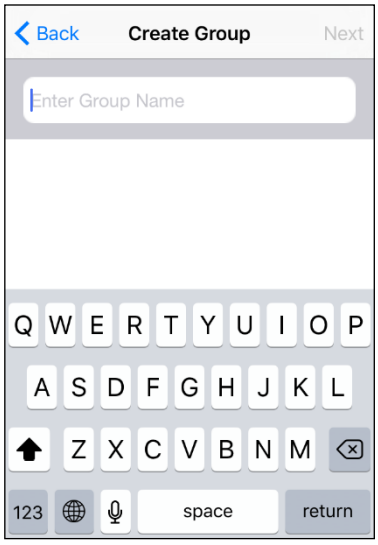

Figure 86 Create Group Screen

4. Enter Group Name and click on “Next” option. Refer Figure 87.
5. It will display “Add Device” screen with list of device. Select device which you want to add in group and click on “Done” option. Refer Figure 88.
6. Devices screen will be displayed with created group list. Refer Figure 89.

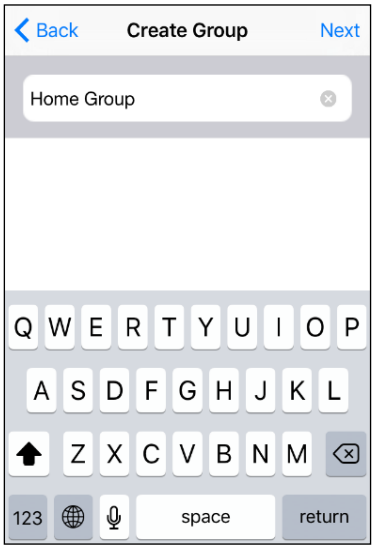

Figure 87 Create Group Screen

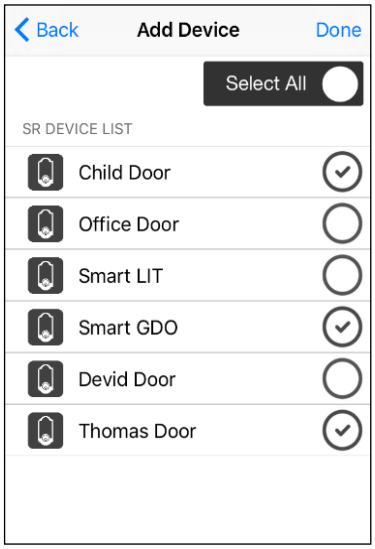

Figure 88 Add Device Screen

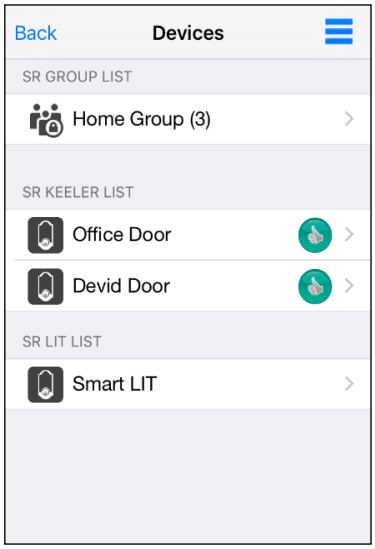

Figure 89 Devices Screen

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13.3. Manage Group

1. Tap on the group name from devices screen. Refer Figure 90.
2. All the Devices will be display which was added in group and tap on menu icon from group screen. Refer Figure 91.
3. Tap on Manage Group option from device group name. Refer Figure 92.

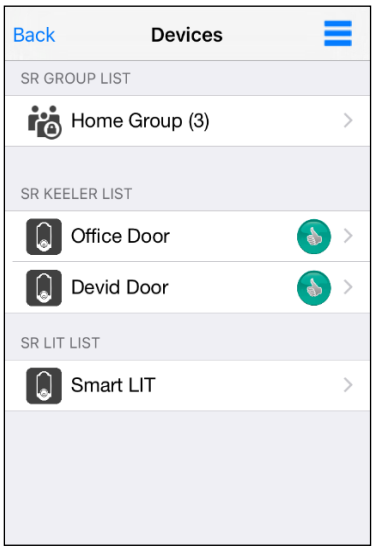

Figure 90 Device Screen

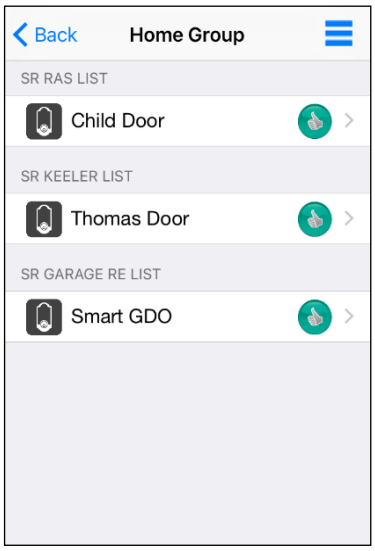

Figure 91 Group Screen

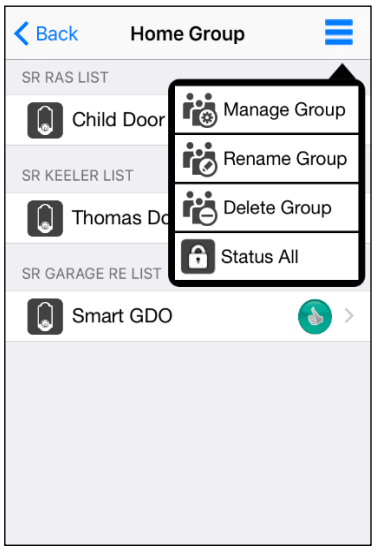

Figure 92 Group Screen

4. It will display “Add Device” screen with list of device was added in group. Refer Figure 93.
5. Select device which you want to add in group and click on “Done” option. Refer Figure 94.
6. New devices list will be displayed under Group and do back. Refer Figure 95.

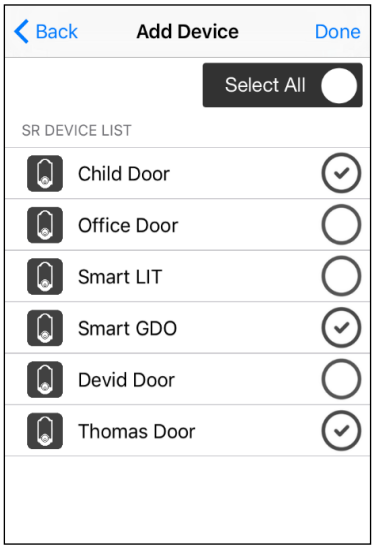

Figure 93 Add Device Screen

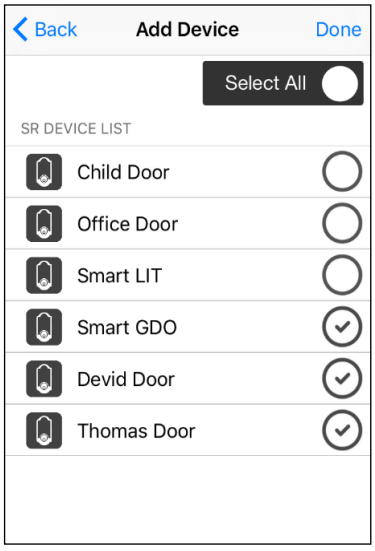

Figure 94 Add Device Screen

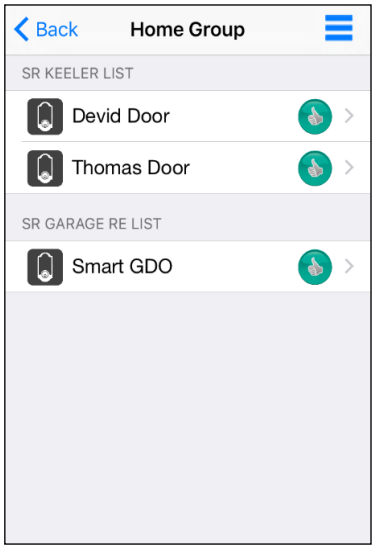

Figure 95 Group Screen

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13.4. Rename Group

1. Tap on the group name from devices screen. Refer Figure 96.
2. All the Devices will be displayed which was added in group and tap on menu icon from group screen. Refer Figure 97.
3. Tap on Rename Group option from device group name. Refer Figure 98.

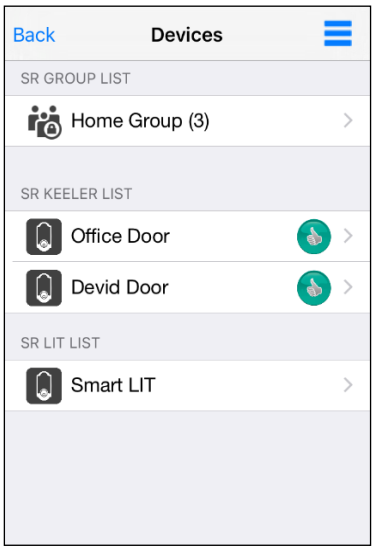

Figure 96 Device Screen

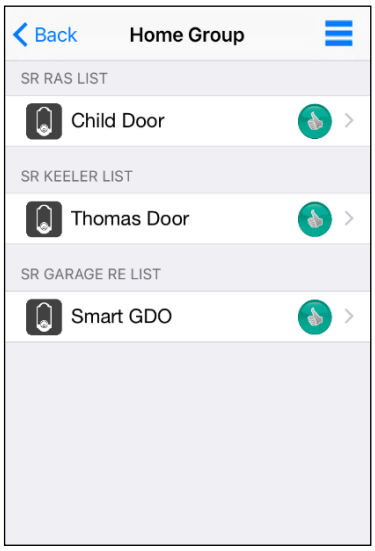

Figure 97 Home Group Screen

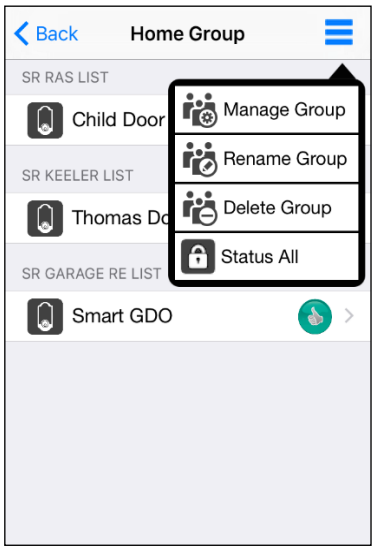

Figure 98 Home Group Screen

4. It will display “Rename Group” screen. Refer Figure 99.
5. Type the name you want to rename and click on “Done” option. Refer Figure 100.
6. All devices will be displayed under new group name. Refer Figure 101.

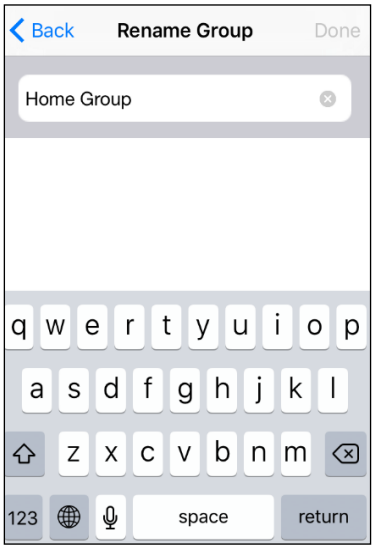

Figure 99 Rename Group Screen

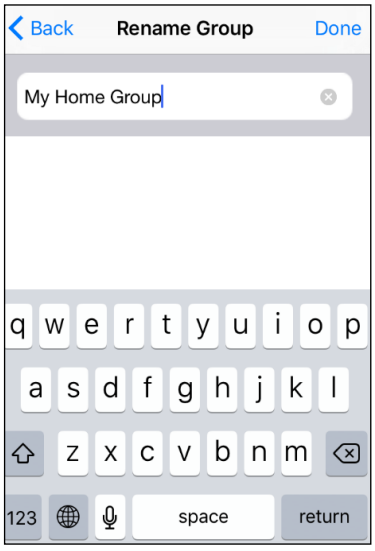

Figure 100 Rename Group Screen

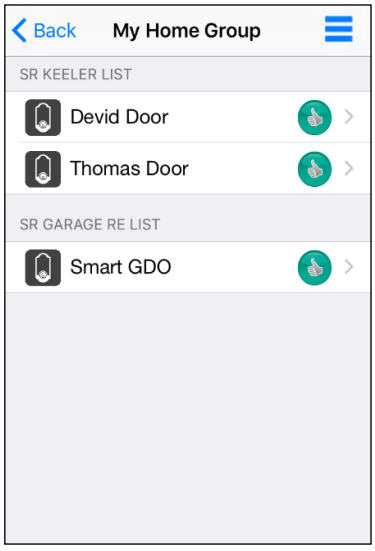

Figure 101 Home Group Screen

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13.5. Delete Group

1. Tap on the group name from devices screen. Refer Figure 102.
2. All the Devices will be display which was added in group and tap on menu icon from group screen. Refer Figure 103.
3. Tap on Delete Group option from device group name. Refer Figure 104.

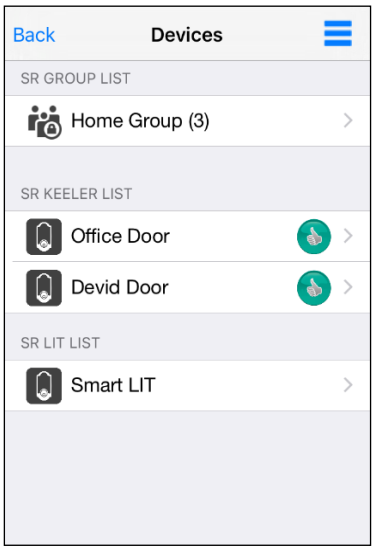

Figure 102 Devices Screen

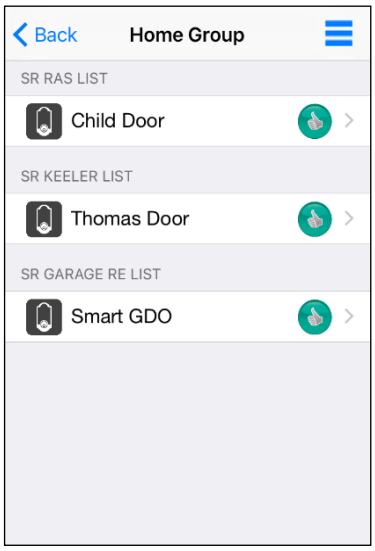

Figure 103 Home Group Screen

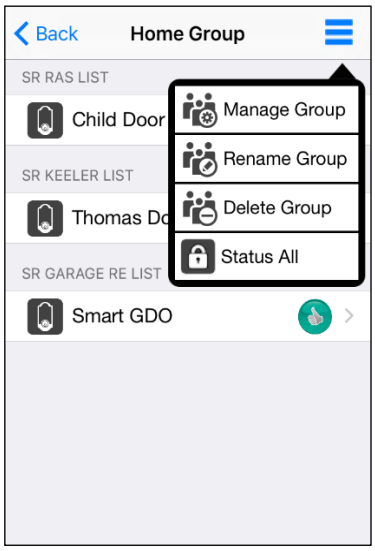

Figure 104 Home Group Screen

4. It will display Alert message “Do you want to delete group My Home Group? With Yes and No” option. Tap on “Yes” from alert message. Refer Figure 105.
5. It will display “Devices” screen with all the SR Device. Refer Figure 106.

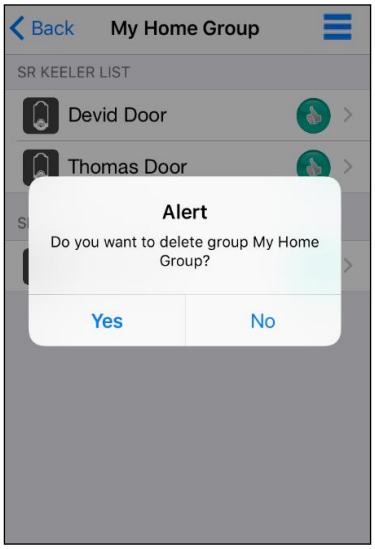

Figure 105 Confirmation Message

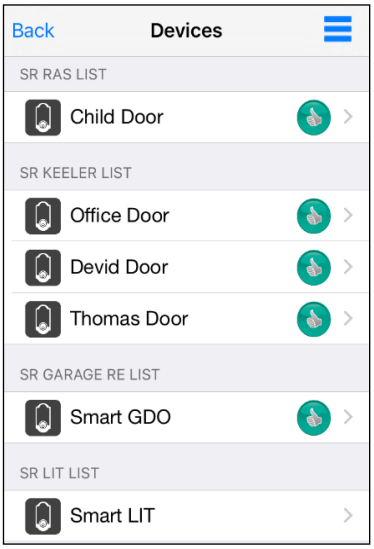

Figure 106 Device Screen

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13.6. Status All

1. Tap on the group name from devices screen. Refer Figure 107.
2. All the Devices will be display which was added in group and tap on menu icon from group screen. Refer Figure 108.
3. Tap on “Status ALL” option. Refer Figure 109.

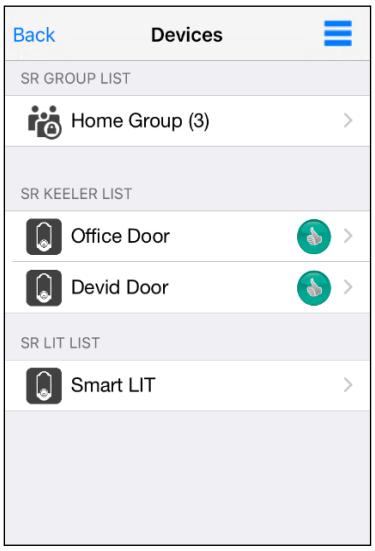

Figure 107 Device Screen

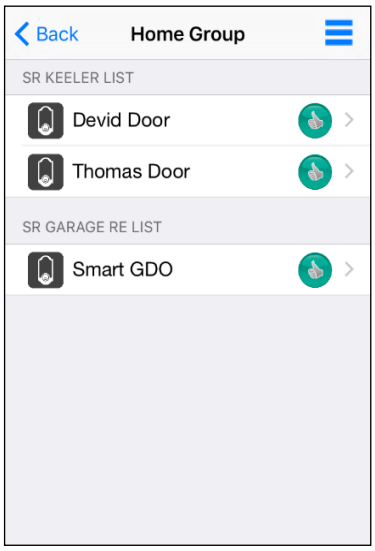

Figure 108 Home Group Screen

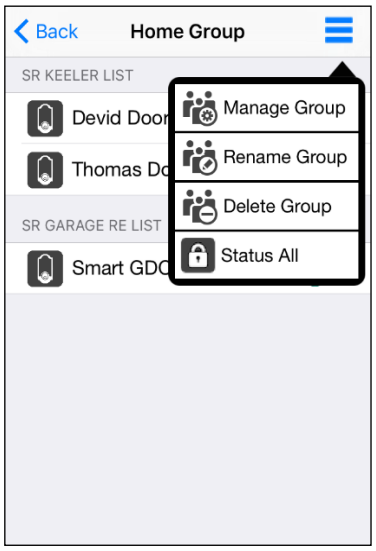

Figure 109 Home Group Screen

4. It will start to take status of all devices. Refer Figure 110.
5. All the operable device status will be displayed. Refer Figure 111.

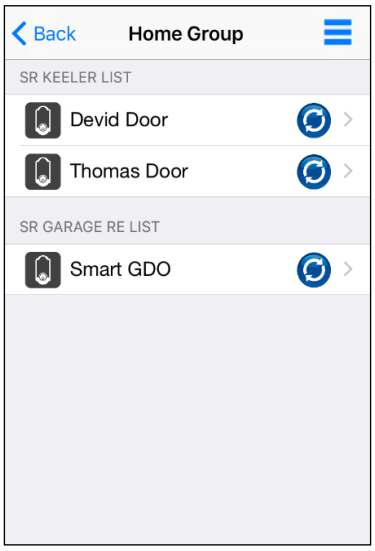

Figure 110 Status All in Progress

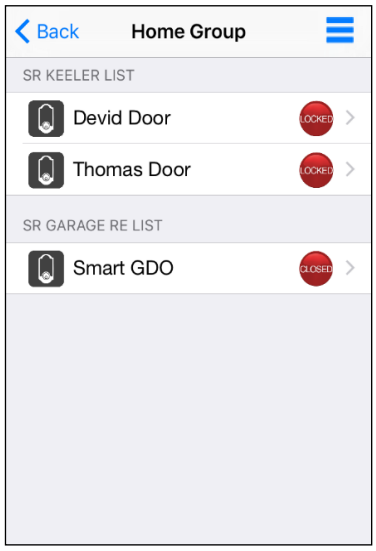

Figure 111 Device Status Screen

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13.7. Rename Devices

In this option use can change SR Device name.

1. From Home Screen select existing name of the device. Refer Figure 112.
2. It will redirect to SR Device Name screen and provide new name. Refer Figure 113.
3. Click on “Save” button and it will change new name. Refer Figure 114.

Figure 112 Home Screen

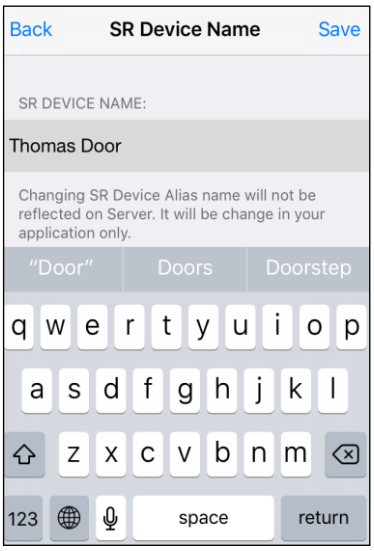

Figure 113 SR Device Name Screen

Figure 114 Name Changed Screen

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13.8. Delete Device

The Admin user only can delete any SR KEELER Device by clicking on “Delete SR Device” option from “Settings” screen. Click on “Delete SR Device” button to delete that device. Confirm the action by clicking on Yes to complete the process:

1. Click on Settings from home screen. Refer Figure 115.
2. Click on Delete SR Device. Refer Figure 116.
3. It will ask user to enter Administrator Details. Refer Figure 117.

Figure 115 Home screen

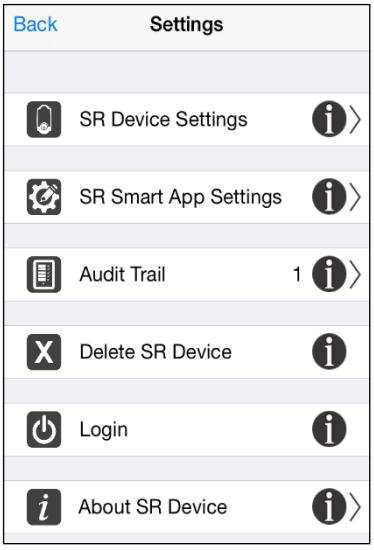

Figure 116 Settings Screen

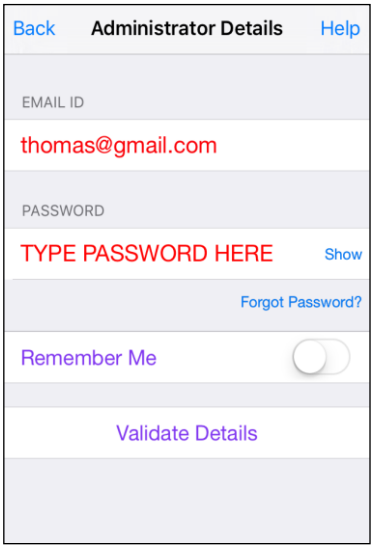

Figure 117 Administrator Details

4. Enter Proper Details and click on Validate Details screen. Refer Figure 118.
5. It shows Removing SR Device. Refer Figure 119.
6. After Removing SR Device, it will redirect to Add SR Device Screen. Refer Figure 120.

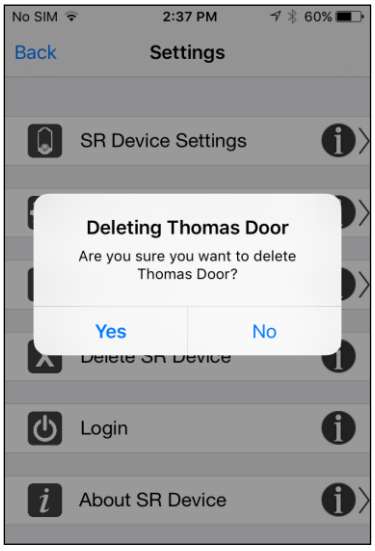

Figure 118 Confirmation Message

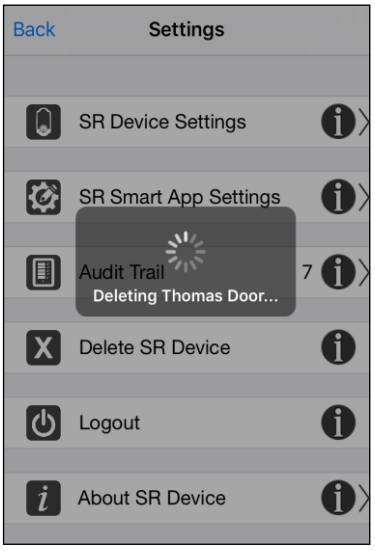

Figure 119 Removing Device Screen

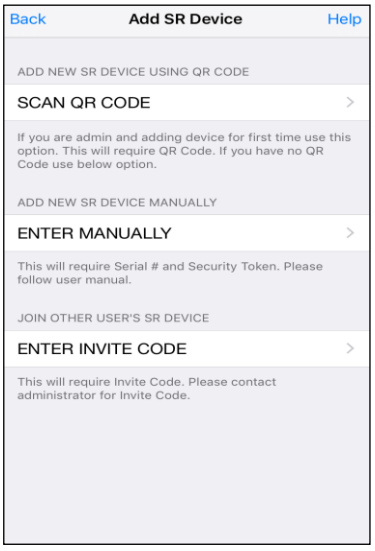

Figure 120 Add SR Device Screen

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13.9. Status All

This option lets user retrieve the current status of all connected SR Devices managed by this application.

1. Click on Devices Screen. Refer Figure 121.
2. Click on Status All. Refer Figure 122.
3. It will show status of all devices. Refer Figure 123.

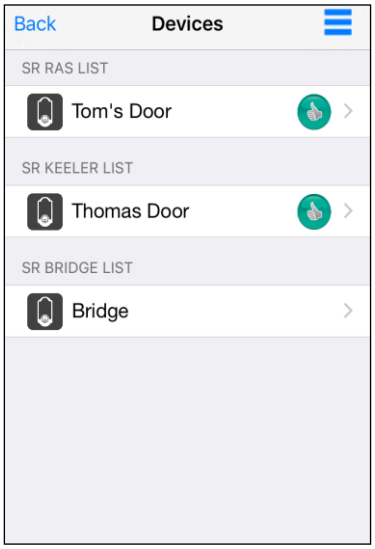

Figure 121 Devices Screen

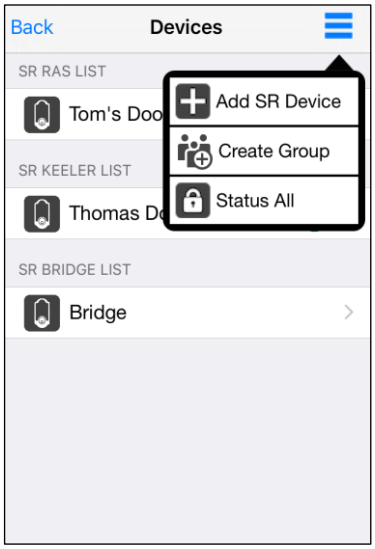

Figure 122 Status All Option

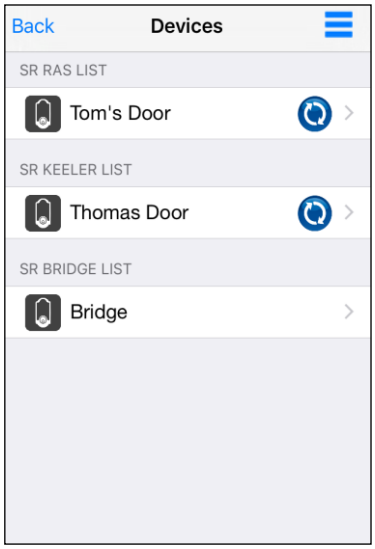

Figure 123 Device Screen

4. It will show status of all devices. Refer Figure 124.

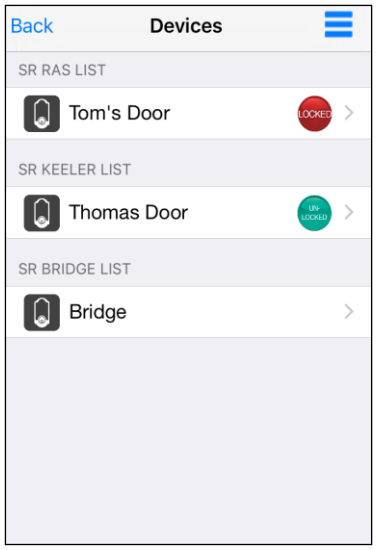

Figure 124 Status All Screen

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13.10. Switching Between Devices

The SR Smart® app is capable of managing and controlling multiple devices. To switch between your SR KEELER and other SR devices, go to the "Devices" menu at the bottom of the *SecuRemote®* App home screen. All managed SR Devices will be displayed, and you can select which SR Devices they want to operate.

Example: The user has two SR devices, "Thomas Door" (Keeler) and the "RAS" device. To operate the "Thomas Door," the user selects that name from the listed devices. The selected SR KEELER's Home screen will appear on the home screen of the SR Smart® app.

1. Click on "Devices" from Home screen. Refer Figure 125.
2. Select Device from "Devices" screen. Refer Figure 126.
3. It will display selected device in "Home" screen and confirmation message will display. Refer Figure 127.

Figure 125 Home Screen

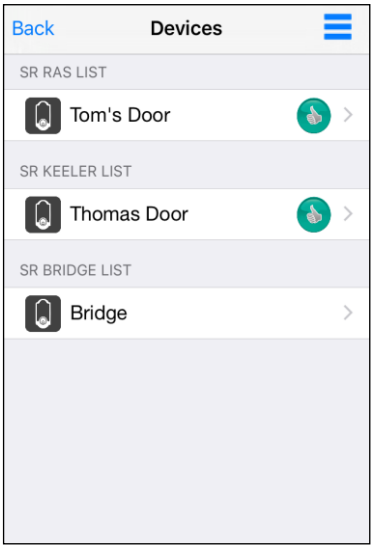

Figure 126 Devices Screen

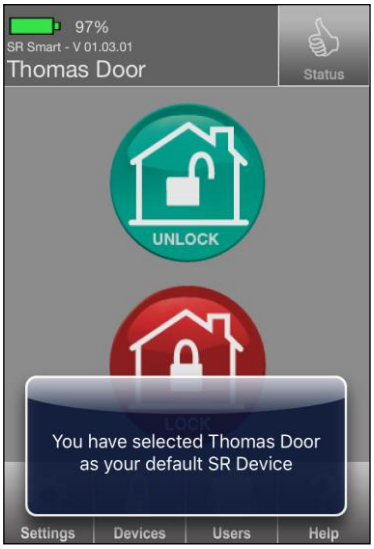

Figure 127 Change Home Screen

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14. Users management

User List provides the following functionality for each selected user:

- Add/Delete users
- Send SMS and Email to a User

This option allows the admin to invite, delete user. Access to this option is protected through the Admin Credential.

Once invited, the Admin can share the Invite Code with the new user through: Email or SMS

Email	This option will have sent email with new invite code using email address provided for the new user. The new user then enters this Code and serial number of the SR KEELER when this new user installs and launches the SR Smart Bluetooth Application and tries to pair with the SR KEELER device.
SMS	This option will have sent SMS with new invite code using phone number provided for the new user. The new user then enters this Code and serial number of the SR KEELER when this new user installs and launches the SR Smart Bluetooth Application and tries to pair with the SR KEELER device.

Table 4

14.1. Add User from Contact Book

The Admin can invite other users by clicking > 'Invite User' on the Users screen. Choose the invitee from the Contacts list, or enter the invitee's name, email address, and mobile number. Next, choose the access type. Finally, click "Get Invite Code" to generate the invitee's access code.

1. Click on "Users" from Home Screen. Refer Figure 128.
2. It will display "User Devices" Screen, now click on "Invite User". Refer Figure 129.
3. It will display "Administrator Details" Screen for user validation. Refer Figure 130.

Figure 128 Home Screen

Figure 129 User Devices

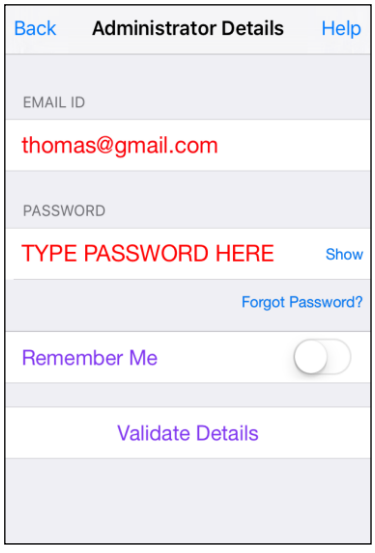

Figure 130 Admin Validation

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4. Enter Administrator details and click on “Validate Details”. Refer Figure 131.
5. It will display “Invite Users” screen with an option to select from Contacts and Field to enter user name. It also displays options to send User alert via email or SMS for the selected user. Click on “Select from contacts”. Refer Figure 132. You can directly enter name as per your choice as well.
6. Phone Contact list will appear. Select any contact from phone book. Refer Figure 133.

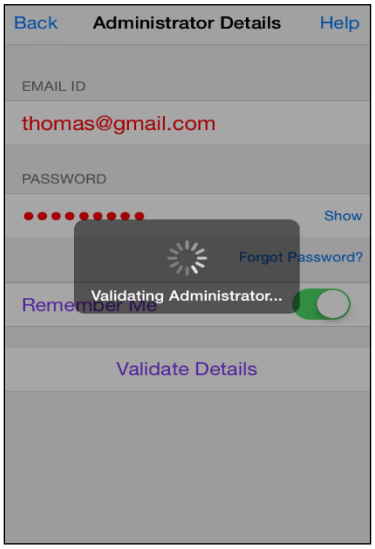

Figure 131 Admin Validation Message

Figure 132 Invite User Screen

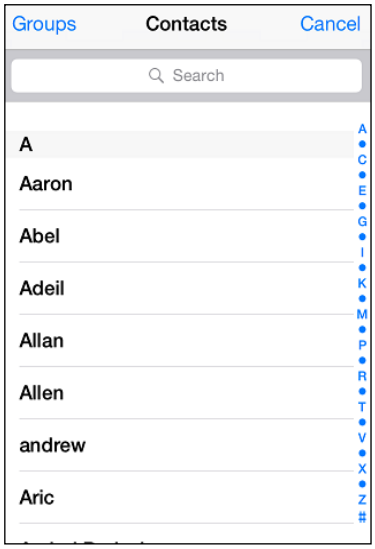

Figure 133 Phone Contact Book

7. It will display selected contact from the contact list. Click on contact number. Refer Figure 134.
8. It will display “Invite User” screen with option to send User alert via email or SMS. Refer Figure 135.
9. Click on Check boxes and fill mandatory information then click on “Get Invite Code”. Refer Figure 136.

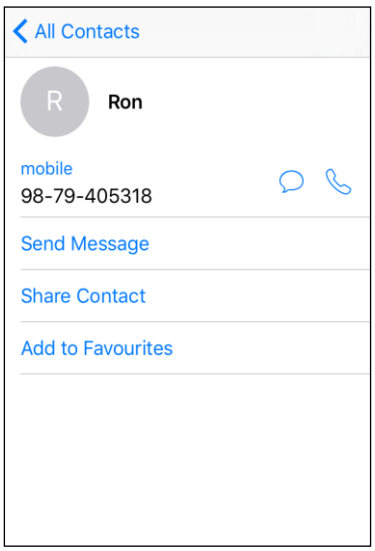

Figure 134 User Detail

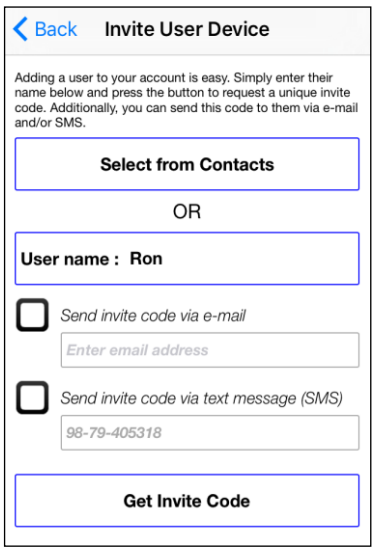

Figure 135 Invite User Screen

Figure 136 Invite User Screen

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10. It will display “Inviting User” activity message. Refer Figure 137.
11. Invite code is generated with a display message to “Notify User” through the chosen mode with “YES” and “NO” option. Select desired option. Refer Figure 138.
12. It will display added user name in “User Devices” screen. Refer Figure 139.

Figure 137 Inviting User Message

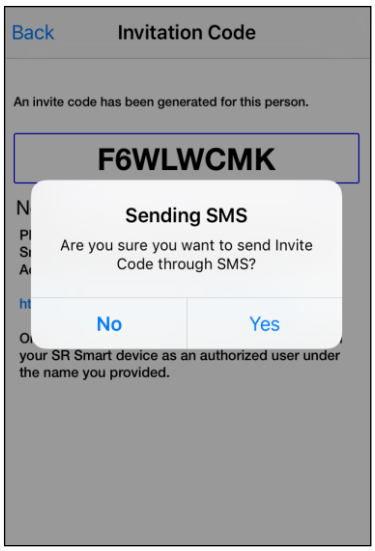

Figure 138 Notify User

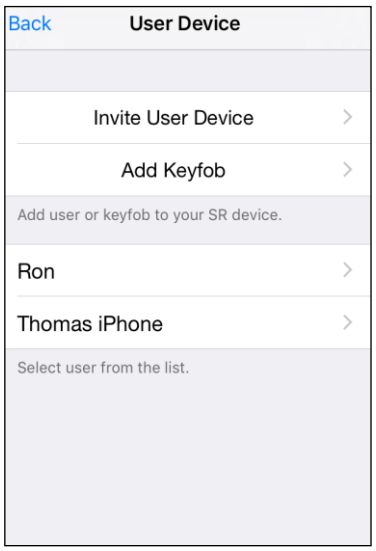

Figure 139 Changed Picture

Note: To add a user, using phone’s contact list, click on ‘Select from Contacts’. The new user’s details will automatically appear, and the Admin can just click on ‘Get Invite Code’ to add that user to the users list.

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14.2. About User Device

User can view list of all user and detail in “About User Device” screen.

1. From “User Device” screen click on “Ron “. Refer Figure 140.
2. It will display “User Device” screen, Click on “About User Device” option. Refer Figure 141.
3. It will display “About Device” with user’s Smartphone details Refer Figure 142.

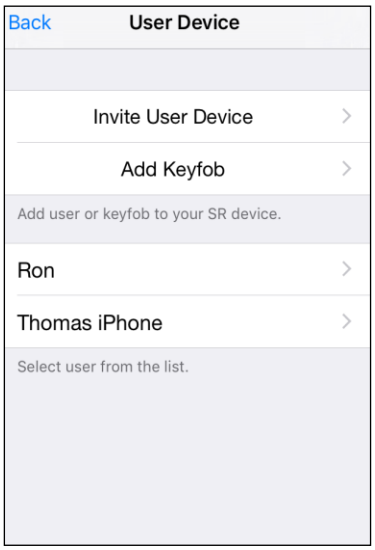

Figure 140 User Device Screen

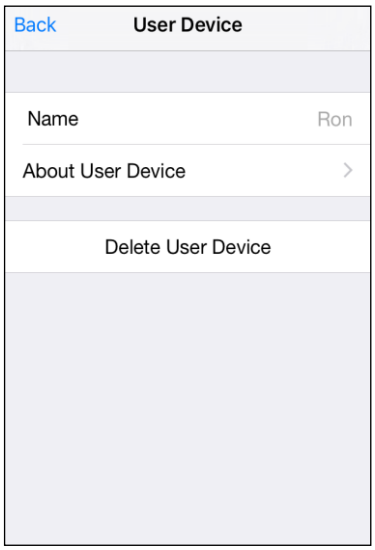

Figure 141 User Device Screen

Figure 142 About Device Screen

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14.3. Delete User Device

1. From “User Device Screen” screen click on “User name (RON) “. Refer Figure 143.
2. It will display “User Device” screen with all the user options, click on “Delete User Device”. Refer Figure 144.
3. It will display “Removing User” message with “Yes” and “No” button and Click on “Yes”. Click on “Yes”. Refer Figure 145.

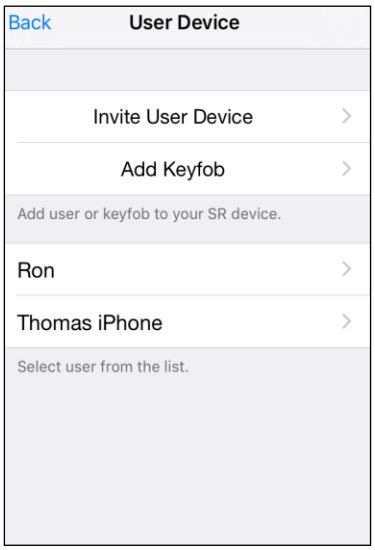

Figure 143 User Device Screen

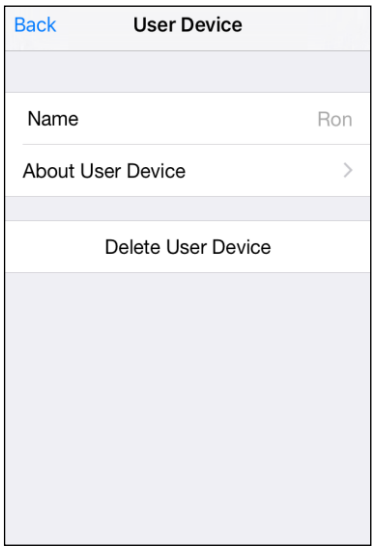

Figure 144 Admin Screen

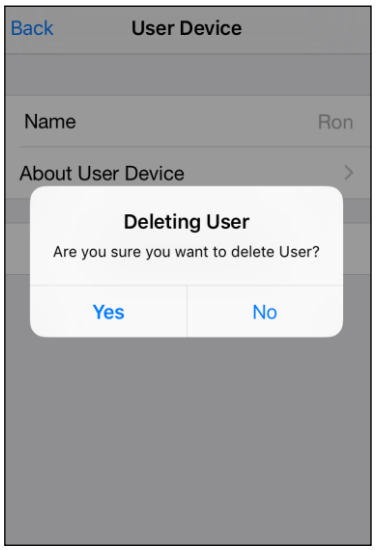

Figure 145 Removing User

4. It will display “Removing User” activity message. Refer Figure 146.
5. It will display “User Device “screen with list of current User Devices. Refer Figure 147.

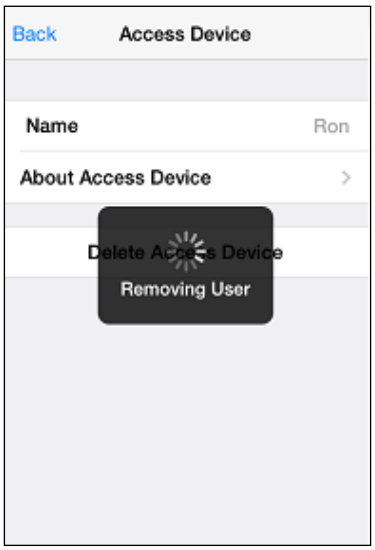

Figure 146 Removing User Message

Figure 147 User Device Screen

Note: Admin User cannot delete itself.

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14.4. Keyfob

It allows the addition of a Keyfob as another user so it can operate the SR KEELER, a SR KEELER package may include one or more Keyfob. One Keyfob device can operate up to 4 Locks (SR KEELER).

Figure 148 Keyfob

The Keyfob must be configured before it can be added as a user. To configure a Keyfob, the Smart phone and the Keyfob must be within radius of 20 feet from the Lock.

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14.5. Add Keyfob

1. Click on “Users” from Home Screen. Refer Figure 149.
2. It will display “User Devices” Screen with “Invite User” and “Add Keyfob” options. Click on “Add Keyfob”. Refer Figure 150.
3. It will display “Administrator Details” Screen for user validation. Refer Figure 151.

Figure 149 Home Screen

Figure 150 User Devices Screen

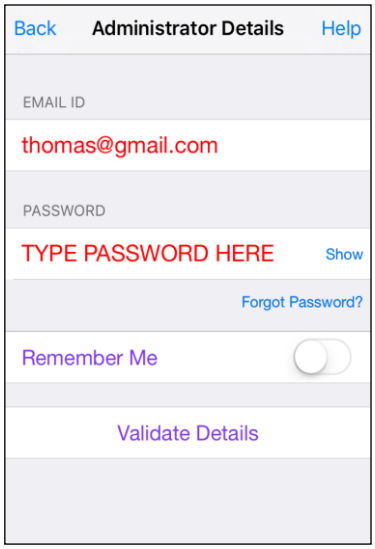

Figure 151 Admin Validation

4. Enter Administrator “EMAIL ID” and “PASSWORD” and click on “Validate Details”. It will display “Validating Administrator” activity message. Refer Figure 152.
5. It will prompt “Add Keyfob message” with “OK” button, click on “OK” button. Refer Figure 153.
6. It will display “searching for Keyfob” message along with “Red” and “Green” LED indication, Press and hold any Keyfob button for 5 seconds to configure Keyfob. Refer Figure 156.

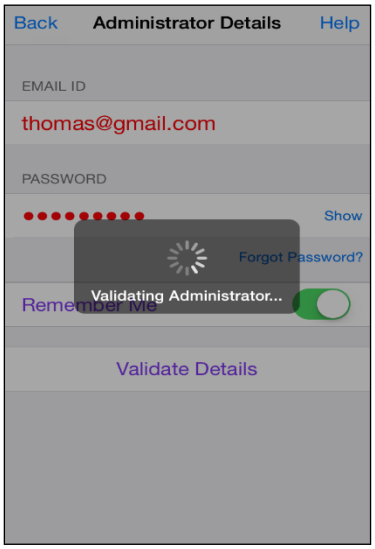

Figure 152 Admin Validate Message

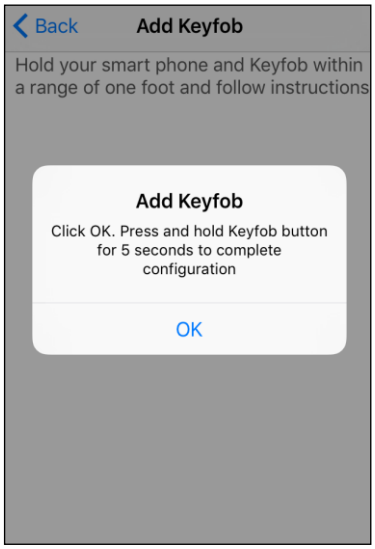

Figure 153 Add Keyfob

Figure 154 Searching Keyfob

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7. When Keyfob is detected the SR KEELER it will display a message “Configuring Keyfob, please wait” with “Blue LED” indication. Refer Figure 155.
8. Once configured, it will display “Keyfob button is configured” toast message. Refer Figure 156.
9. It will display a message “Keyfob activated to work with this SR KEELER by pressing the button: Connecting - Blue LED, Unlocking – GREEN LED for 3 second, Locking - RED LED for 3 seconds” with “OK” button. Refer Figure 157.

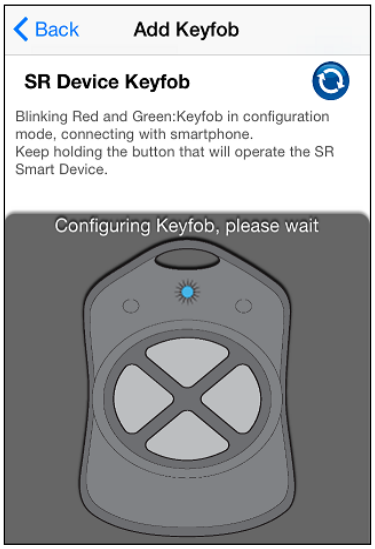

Figure 155 Keyfob Configuring

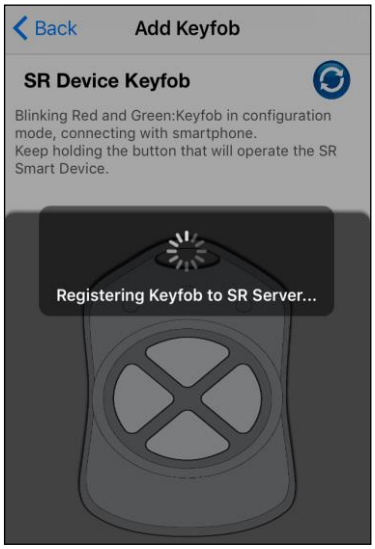

Figure 156 Keyfob Configured

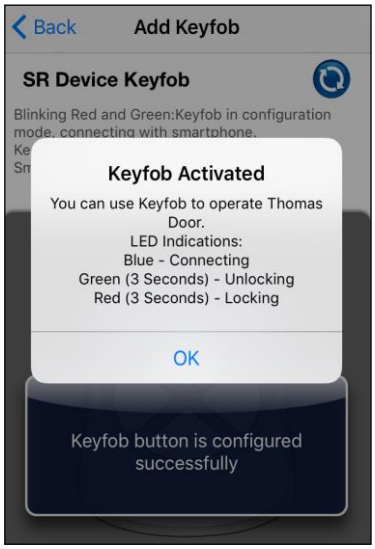

Figure 157 Keyfob Button Activated

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14.6. About Keyfob Device

1. From “User Devices” screen click on “KEYFOB-96235634“. Refer Figure 158.
2. It will display “User Device” screen, Click on “About User Device” option. Refer Figure 159.
3. It will display “About Device” with Key fob’s details. Refer Figure 160.

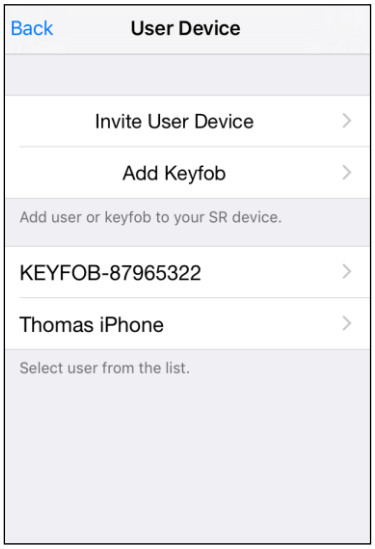

Figure 158 User Device Screen

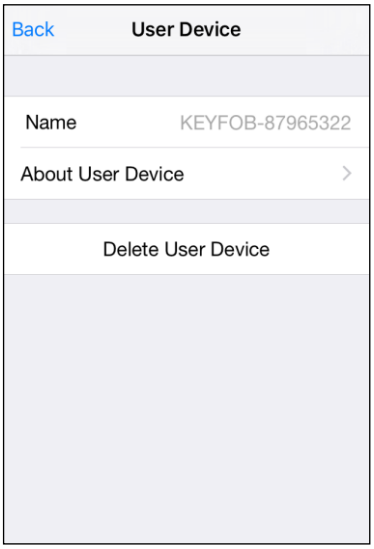

Figure 159 User Device Screen

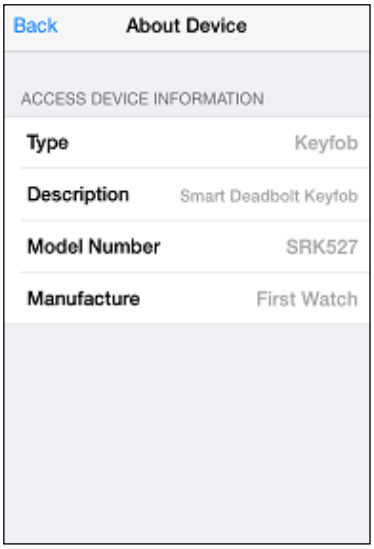

Figure 160 About Device Screen

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14.7. Delete Keyfob Device

1. From “User Devices” screen click on “KEYFOB”. Refer Figure 161.
2. It will display “User Device” screen with all the user options, click on “Delete User Device”. Refer Figure 162.
3. It will display “Removing User” message with “Yes” and “No” button and Click on “Yes”. Refer Figure 163.

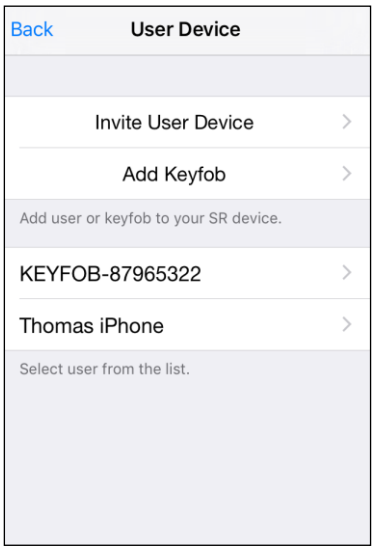

Figure 161 User Device Screen

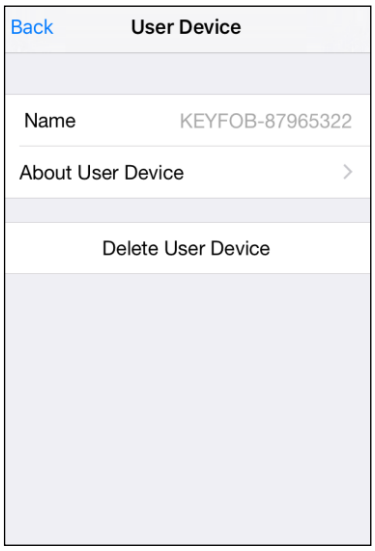

Figure 162 User Device Screen

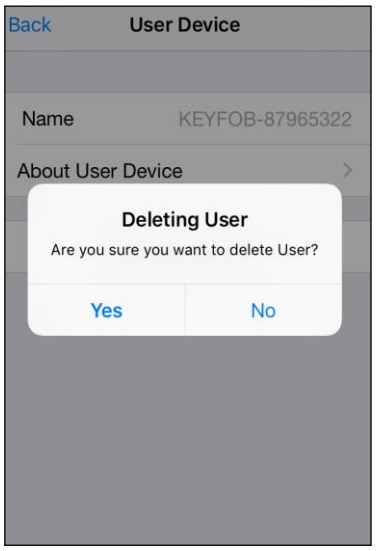

Figure 163 Deleting User Screen

4. It will display “Deleting User” activity message. Refer Figure 164.
5. After that it will redirect to the “User Devices” screen with current User Device list. Refer Figure 165.

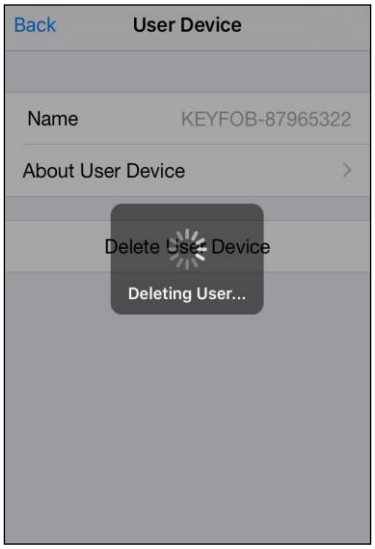

Figure 164 Deleting User Message

Figure 165 User Device Screen

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15. Help Option

In this option user can view “HELP” file, Online FAQ, Release Notes, Build Version of the app from developer option user can enable “Camera”. User can also submit an issue using Submit an Issue feature. Clear Device log will create all logs generated on your mobile device.

- Help
- Developer Options

15.1. Help

When user clicks on “Help” option it shows help file to the user.

1. Click on “Help” option from home screen. Refer Figure 166.
2. Click on “Help” from “Information” screen. Refer Figure 167.
3. It shows “Help” file. Refer Figure 168.

Figure 166 Home Screen

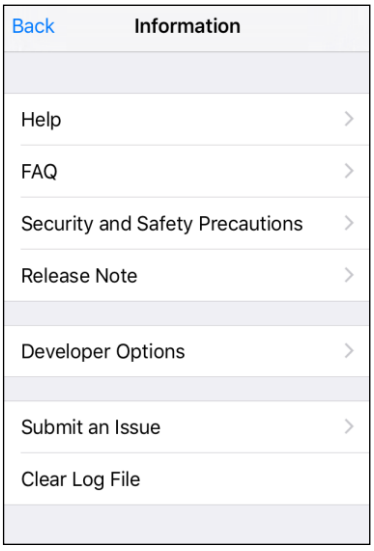

Figure 167 Information Screen

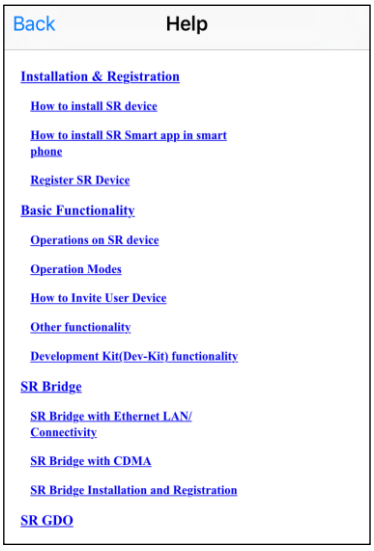

Figure 168 Help Screen

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15.2. Developer Option

15.2.1. Camera Settings

IP Camera support

Camera Type

1. **D-Link: Following camera models are supported:**
   - DCS-942L
   - DCS-930L
   - DCS-933L
   - DCS-2132L
2. **Foscam: Following camera models are supported:**
   - FI8910W
   - FI8918W

Set up IP camera

Following Information will be required to Set Camera IP

- Camera Type.
- Select camera model
- Enter external (WAN) IP address (Host)
- Enter port number
- Enter User name
- Enter Password

External (WAN) IP address

From PC or Phone, which is connected to same router to which IP camera is connected, open browser and type.

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Steps to Enable IP camera

1. Click on “Help” option to open “Help” screen. Refer Figure 169.
2. Click on “Developer Options” and it will prompt for “Developer PIN”. Refer Figure 170.
3. Enter default PIN “123456” as Developer PIN. Refer Figure 171.

Figure 169 SR App Home Screen

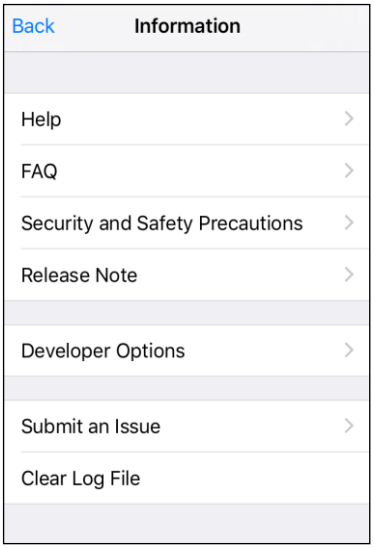

Figure 170 Help Screen

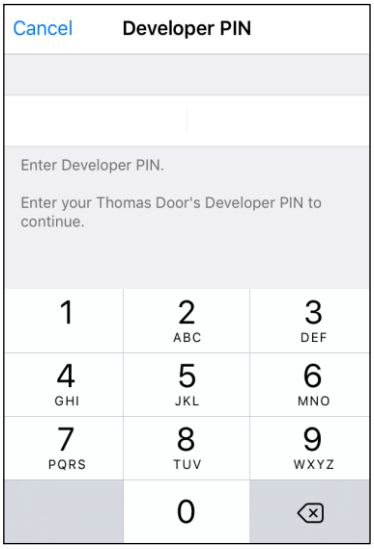

Figure 171 Developer PIN Input Screen

4. It will display “Developer Options” screen, click on “Camera Settings”. Refer Figure 172.
5. Enable “Camera”, fill all mandatory information, “Save” the settings & return to the Home Screen. Refer Figure 173.
6. Camera picture will display in “SR App Home Screen”. Refer Figure 174.

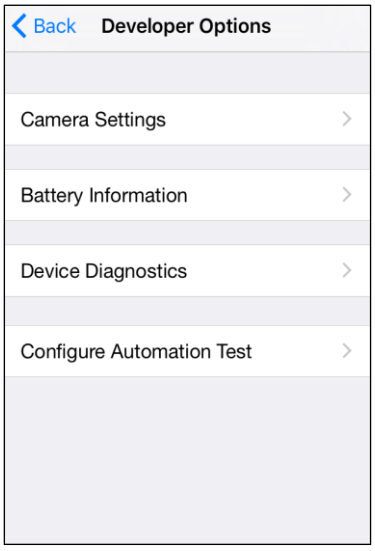

Figure 172 Developer Option Screen

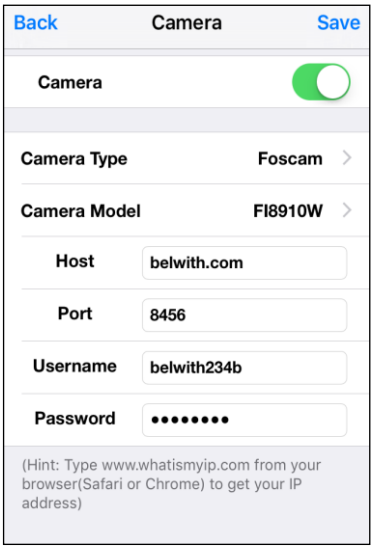

Figure 173 Camera User Input

Figure 174 SR App Home Screen

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15.2.2. Battery Information

This option allows user to check the battery status, which includes following options.

- Type of battery used (Alkaline, Mains supply)
- Total Hours (based on normal use)
- Remaining Hours (estimated)
- Number of operations performed.

1. Click on “Battery Information” option from “Developer Option” screen. Refer Figure 175.
2. “Updating Battery Information” activity screen will display. Refer Figure 176.
3. Detailed battery information will display in the “Battery Information” screen. Refer Figure 177.

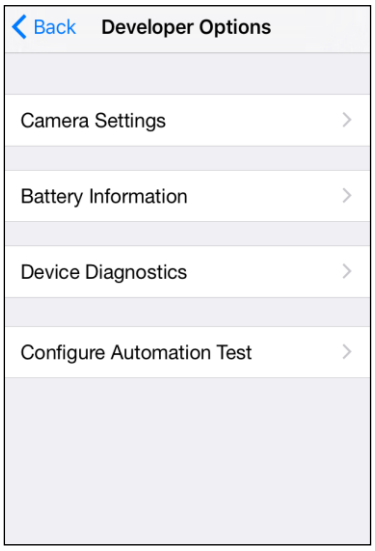

Figure 175 Developer Option Screen

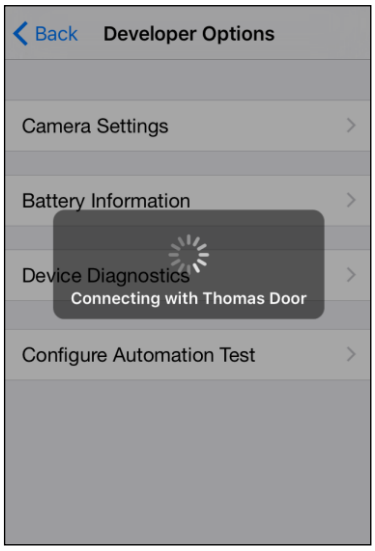

Figure 176 Updating Screen

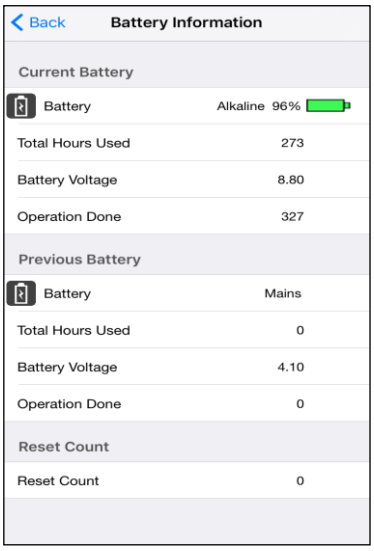

Figure 177 Battery Information

Note: Current Battery level has been always shown on application home page. When battery level drops to 20%, application starts giving warning by showing battery symbol in red. User is advised to change battery at that level. Once battery is dropped to 10%, user will not be able to operate SR Keeler device.

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15.2.3. Device Diagnostics

This option allows user to check diagnostics detail and other problem in SR Device, which includes following options.

- SR Network Details
- User Details
- Error Details

1. Click on “Device Diagnostics” option from “Developer Option” screen. Refer Figure 178.
2. “Updating Device Diagnostics Information” activity screen will display. Refer Figure 179.
3. Detail Device Diagnostics information will display in “Device Diagnostics” screen. Refer Figure 180.

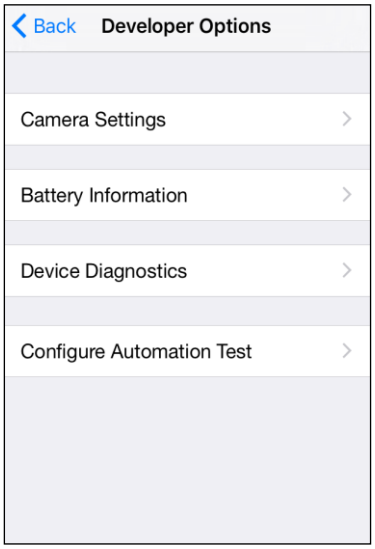

Figure 178 Developer Option Screen

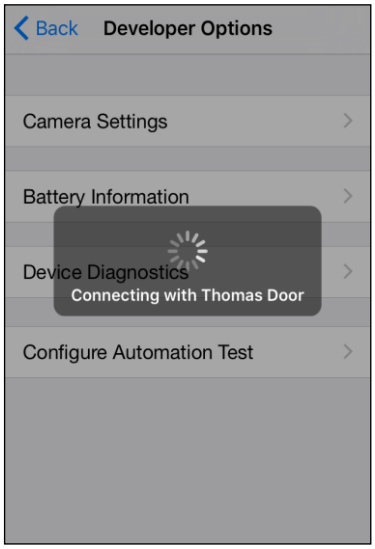

Figure 179 Updating Screen

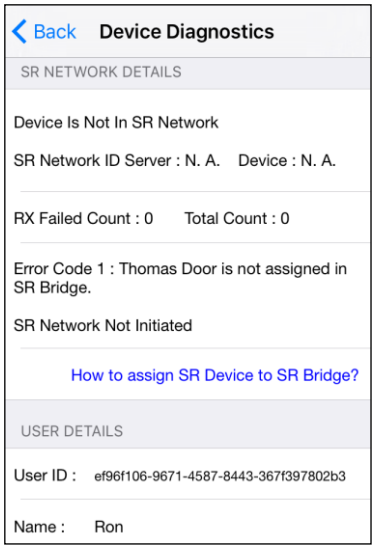

Figure 180 Device Diagnostics

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16. SR Portal

SecuRemote® Online allows users to expand the capabilities of *SecuRemote®* Smart™. This web-based user management and authorization system lets the *SecuRemote®* Smart™ Administrator use a computer to remotely manage users and their access times/days, and to monitor door use. *SecuRemote®* Online brings more convenience, control and security to families.

16.1. Sign-In Page

The e-mail address and password you used during registration are required to log-in to *SecuRemote®* Online. Your account must have been previously activated via the confirmation link sent to your e-mail. You can choose to have your password reset by following the "Forgot your Password?" This requires you to know the e-mail address and last name used to register the account. An e-mail Message is then sent to you with a link that can be used to complete the password reset. Refer Figure 181 and Figure 182.

Figure 181 Enter Login ID and Password

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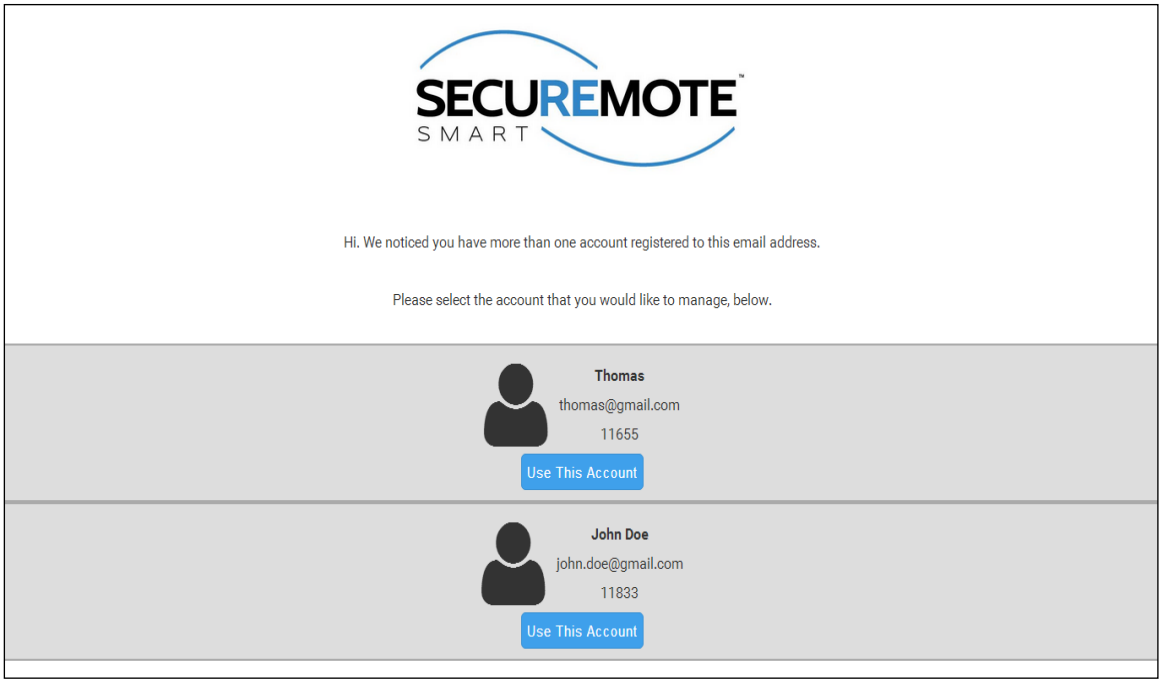

Figure 182 Sign In

16.2. Secure Home Page

Dashboard page will display with recent activities and welcome message. Refer **Error! Reference source not found.**.

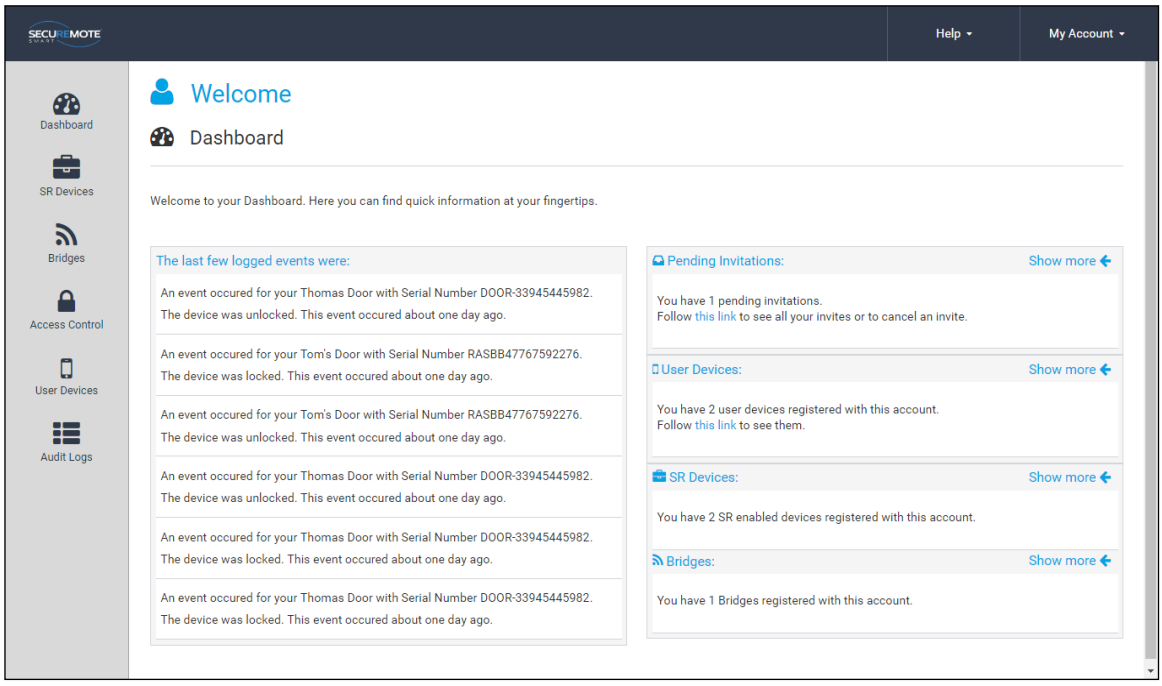

Figure 183 SecuRemote® Smart Home Page

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16.3. Add SR Device

First user has to register the device from *SecuRemote*® Smart™ Online site.

1. Select “SR Device” option and click on “Add SR Device”. Refer Figure 184.

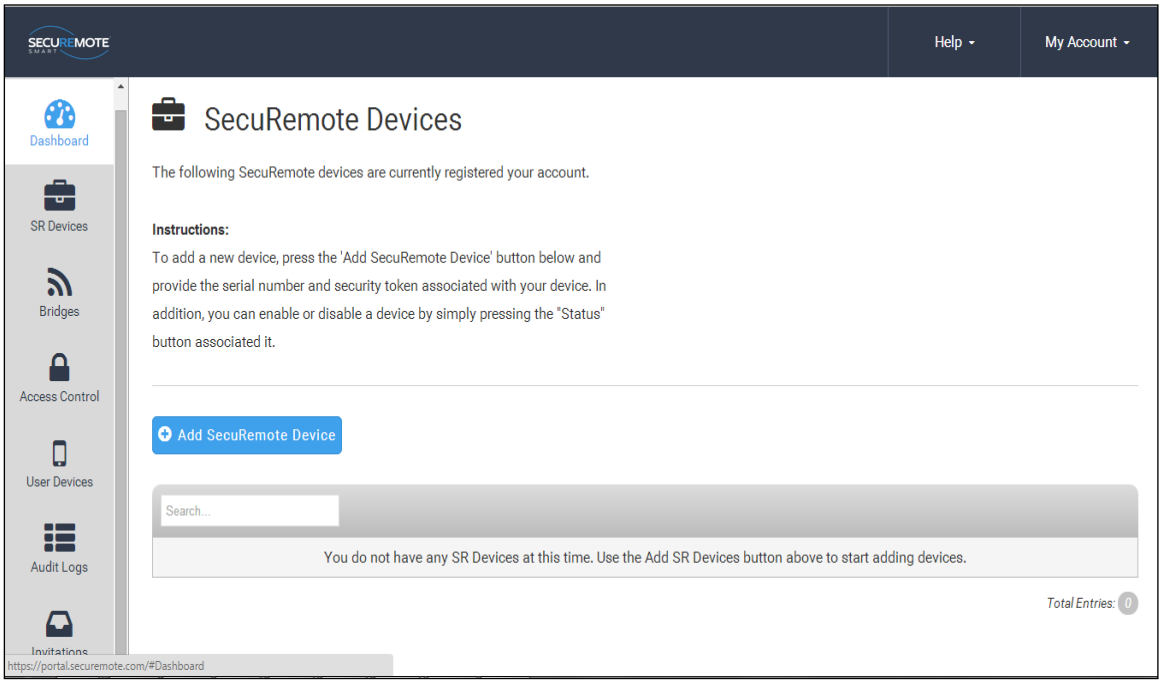

Figure 184 All Devices

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2. Requires entry of Serial number, Security token and Name of the SR KEELER and click on “Add SR Device”. Refer Figure 185.

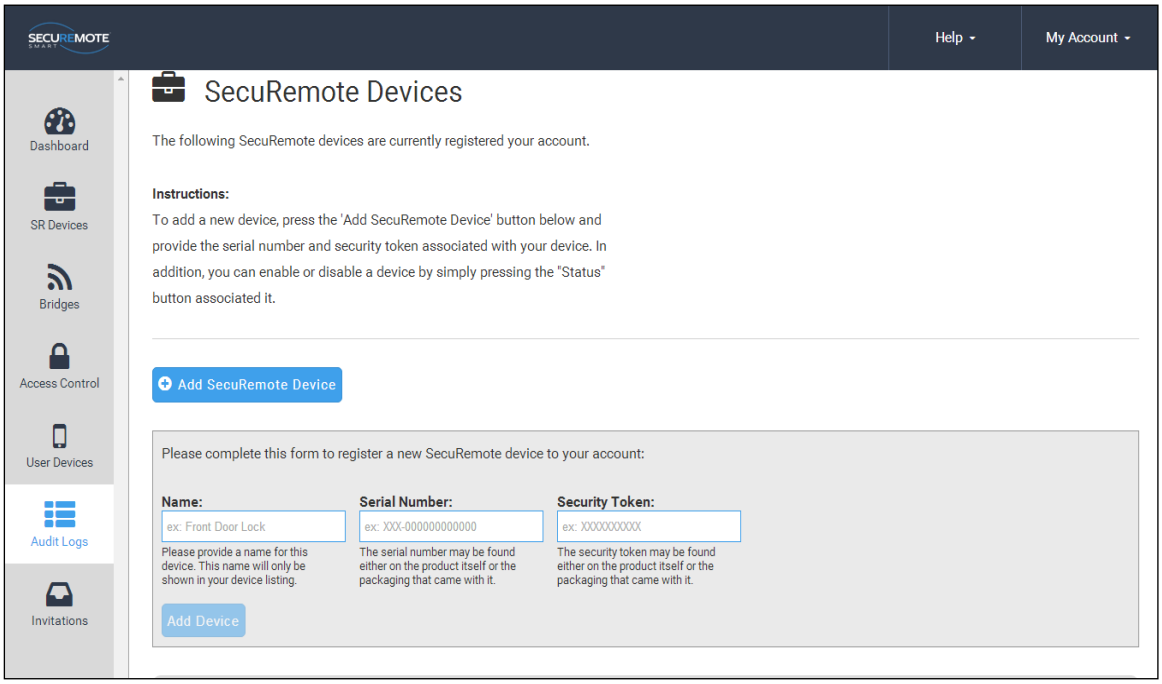

Figure 185 New Device Registration

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16.4. All SR Devices

All devices belonging to the account are show in “SR Devices” screen. Refer Figure 186.

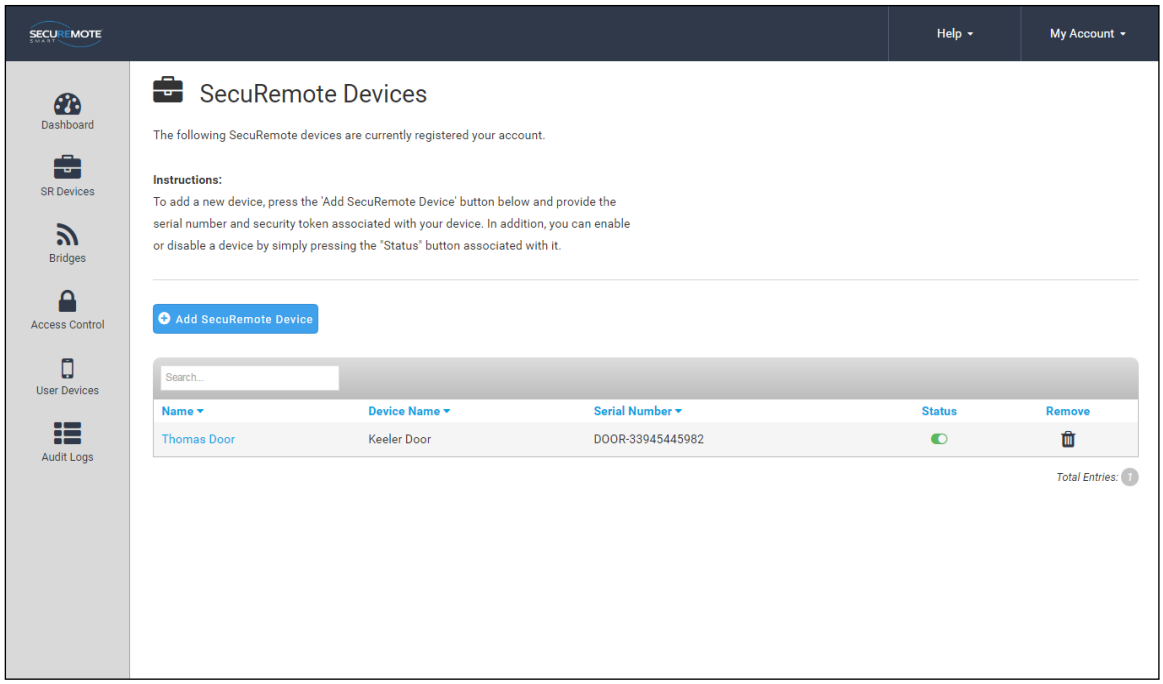

Figure 186 All Devices

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16.5. Invite a New User Device

Enter user name in the “Name” field and Click on “Request Invite Code”. You cannot enter a user with a name that already exist. Refer Figure 187.

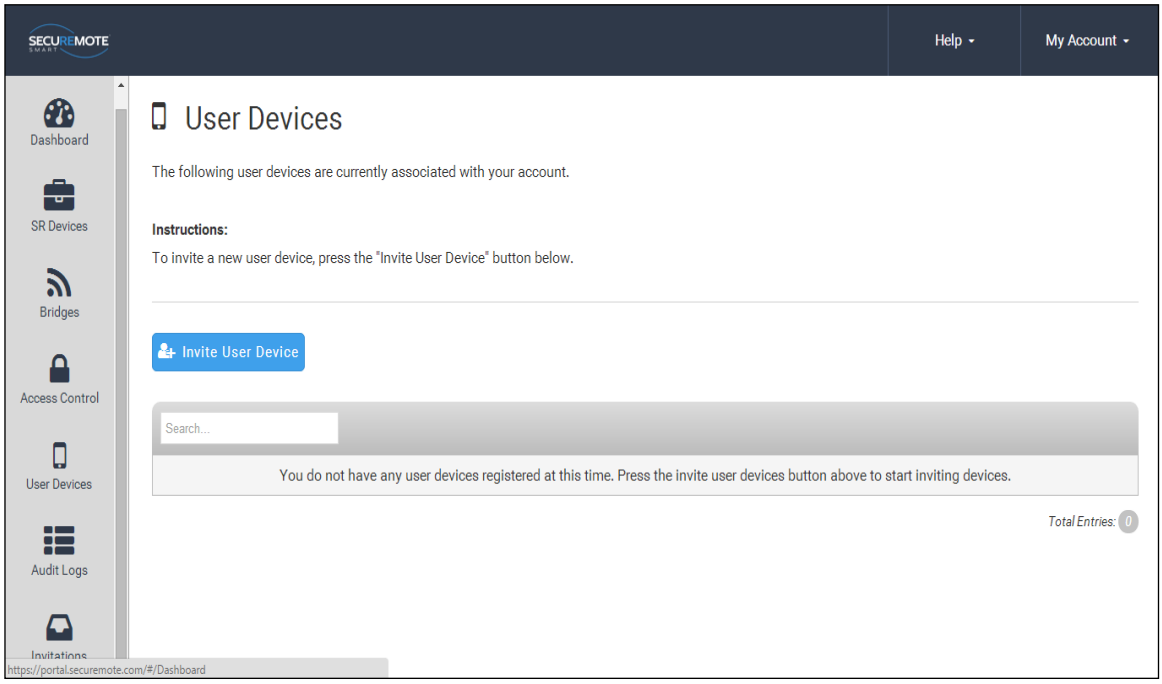

Figure 187 Invite a New User

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New screen will show generated invited code and confirmation message will appear right hand bottom corner. Refer Figure 188.

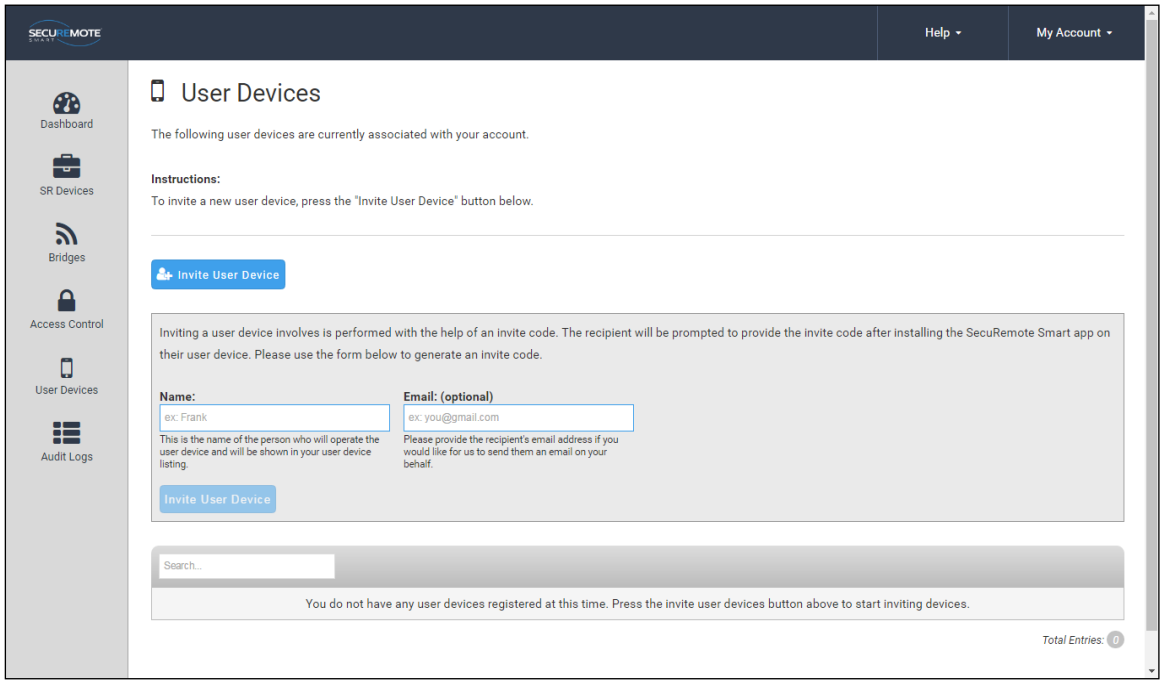

Figure 188 User Invitation

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16.6. All Users

1. The account administrator cannot be removed from the account.
2. Clicking on the user's name brings up the "Edit user" dialog.
3. Security Link is an advanced security feature that allows the *SecuRemote®* Online service to uniquely identify a user's smartphone. When a SecuRemote Smart™ app is run for the first time it generates a unique security token, a large random number that it sends to *SecuRemote®* Online every time an authorization request is made. This token must match the one used on previous requests in order for the request to be authorized. This ensures that no other smartphone can be used to initiate an authorization request on behalf of that user. Refer Figure 189.

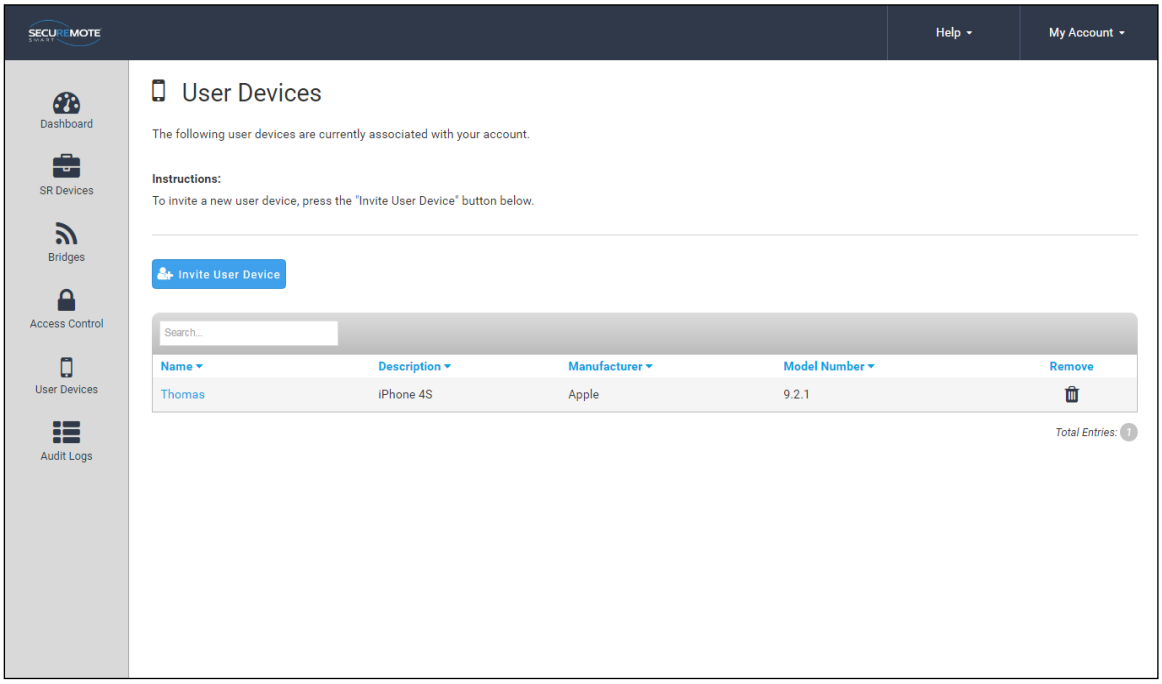

Figure 189 All Users

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16.7. Audit Logs

1. Audit log entries are shown in UTC by default on all accounts since it's possible that they have multiple devices in different time zones.
2. Audit logs are maintained for 365 days, the maximum length, by default for each account. The user can reduce this to as little as 7.
3. Downloading the logs in Excel, CSV or XML format will download the entire audit log history. It is not affected by the filters used on the table above. Refer Figure 190.

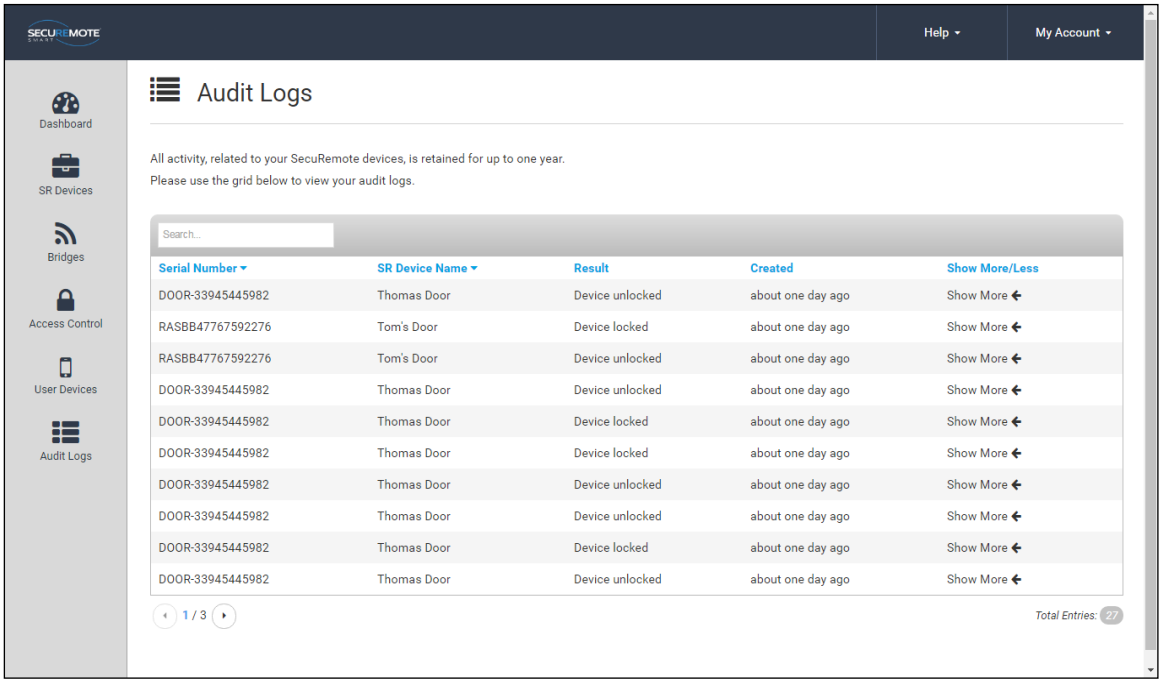

Figure 190 Audit Logs

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16.8. Register SR Bridge

1. Enter valid Serial number and click on Register SR Bridge.
2. Before registering the bridge user has to make sure bridge is powered on. It has to be connected with router through RJ 45 LAN cable in case Ethernet Bridge. Refer Figure 191 and Figure 192.

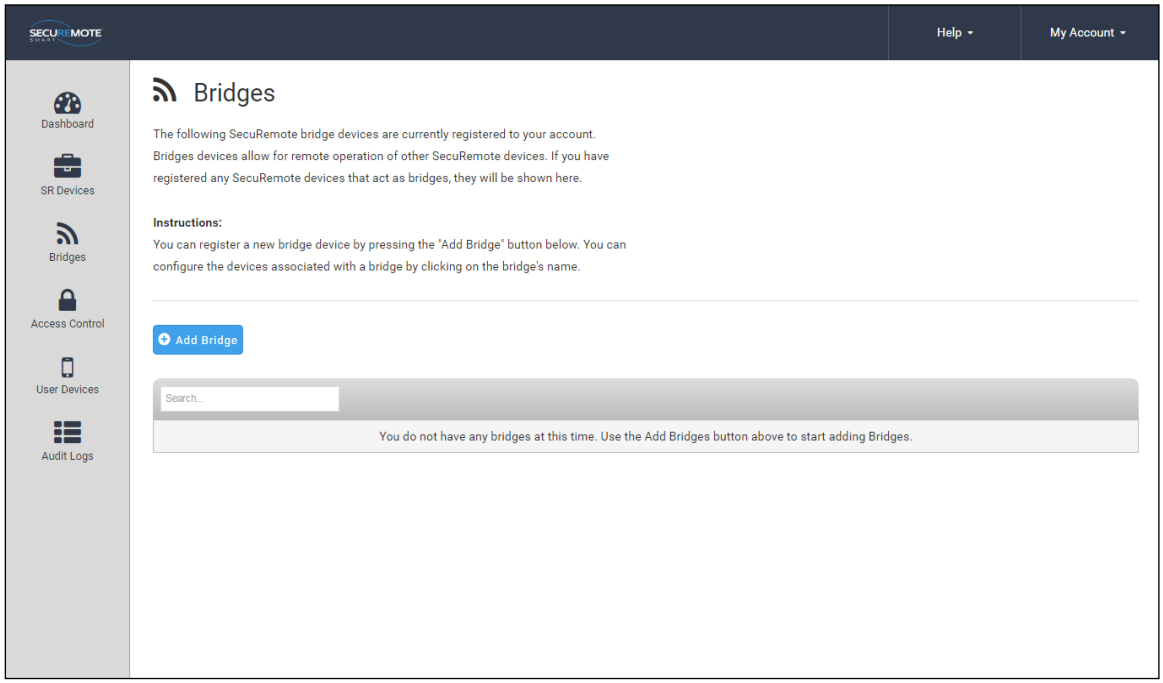

Figure 191 New SR Bridge Registration

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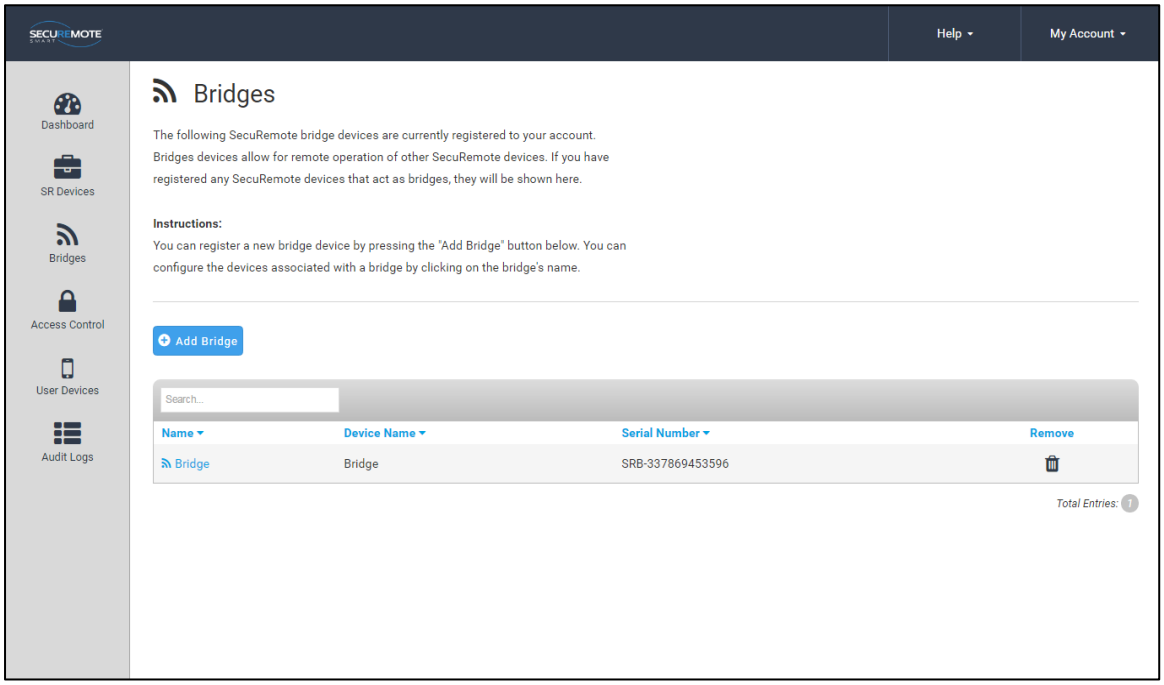

Figure 192 New SR Bridge Registration

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16.9. Configure SR Bridge

Click on SR Bridge Name to assign SR Bridge to SR Keeler. Refer **Error! Reference source not found.**.

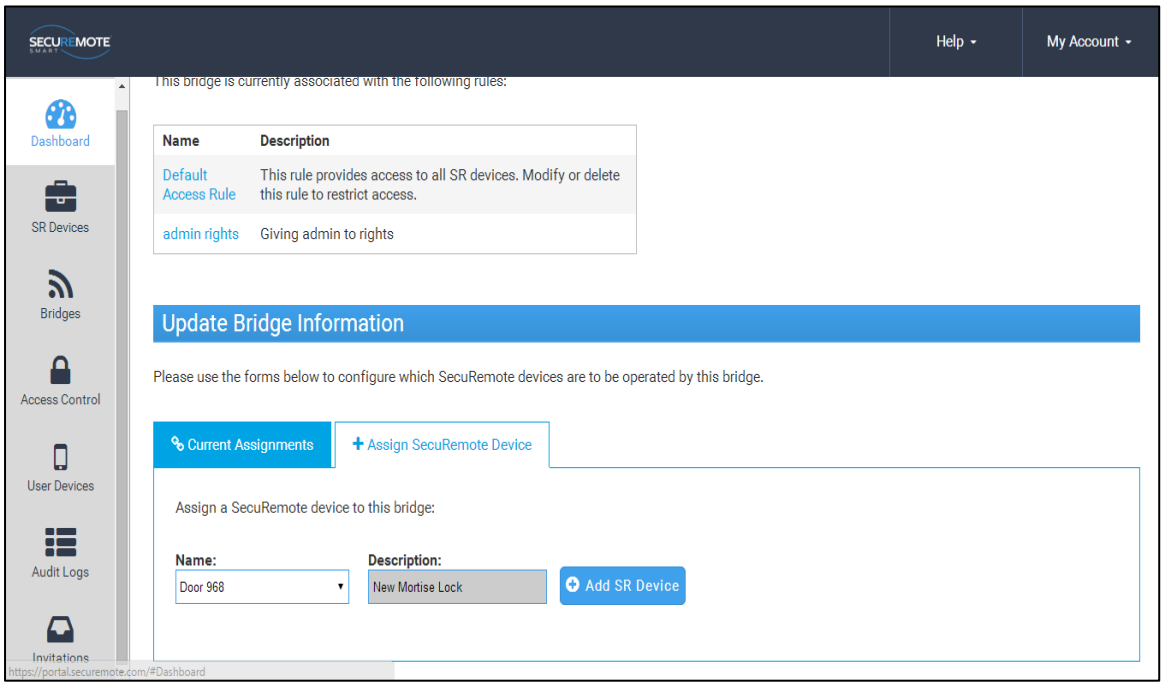

Figure 193 Manage SR Keeler

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Please click on “Add SR Device” button which you want to Configure and confirm. Refer Figure 194.

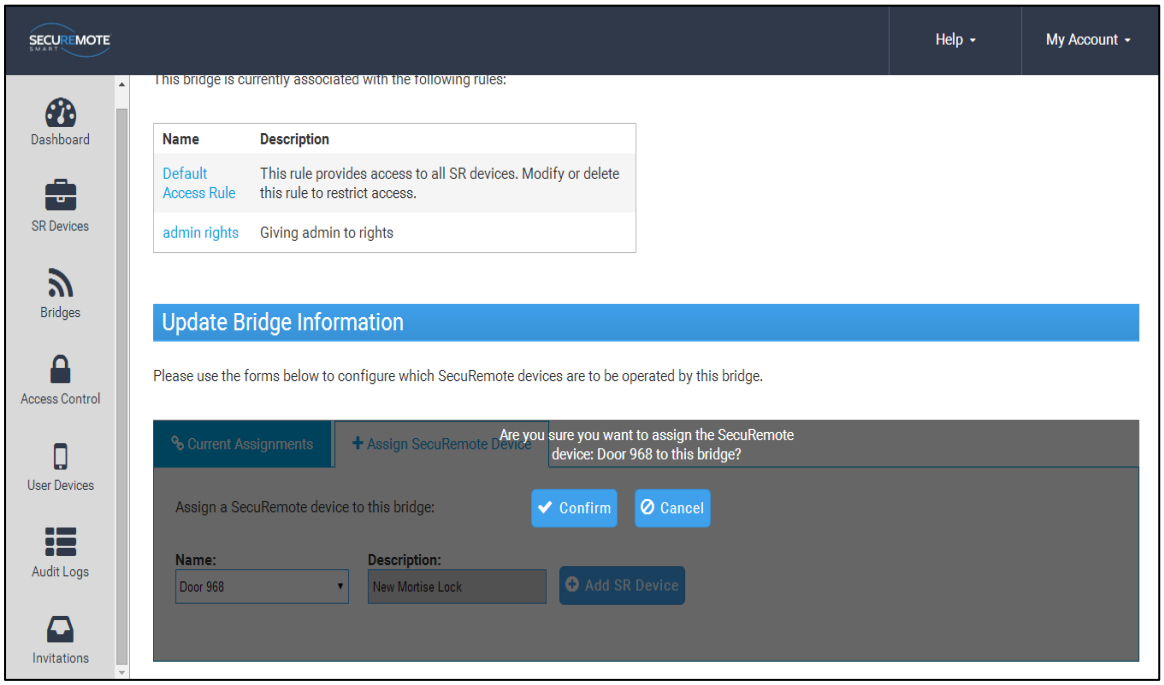

Figure 194 Manage SR Keeler

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Selected device's name will show in Current Assignments list. Refer Figure 195.

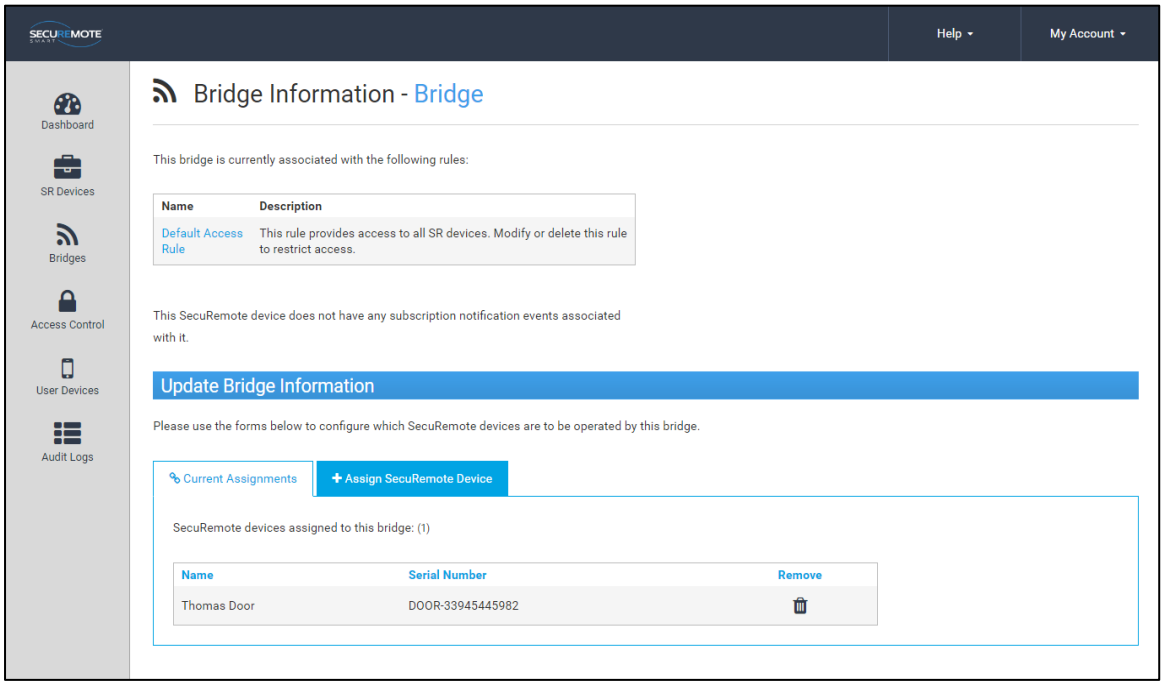

Figure 195 Manage SR Keeler

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16.10. Dashboard Option

This screen shows recent activities. Refer Figure 196.

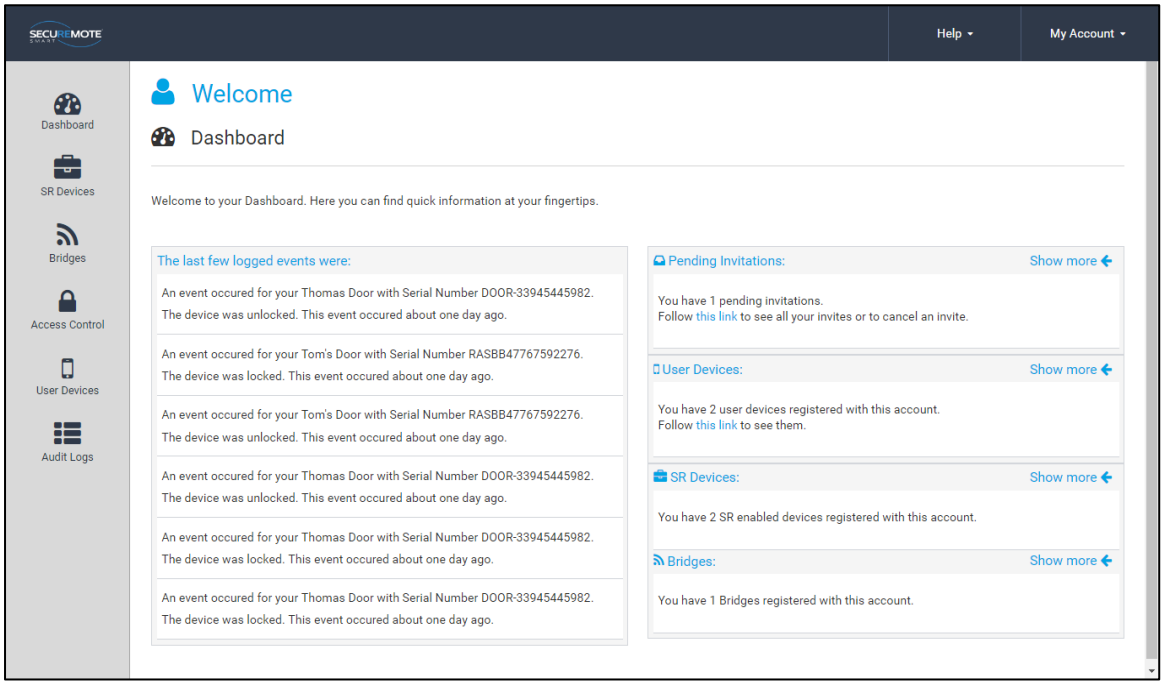

Figure 196 Dashboard

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16.11. Invites Option

This screen shows invitation send by users. Refer Figure 197.

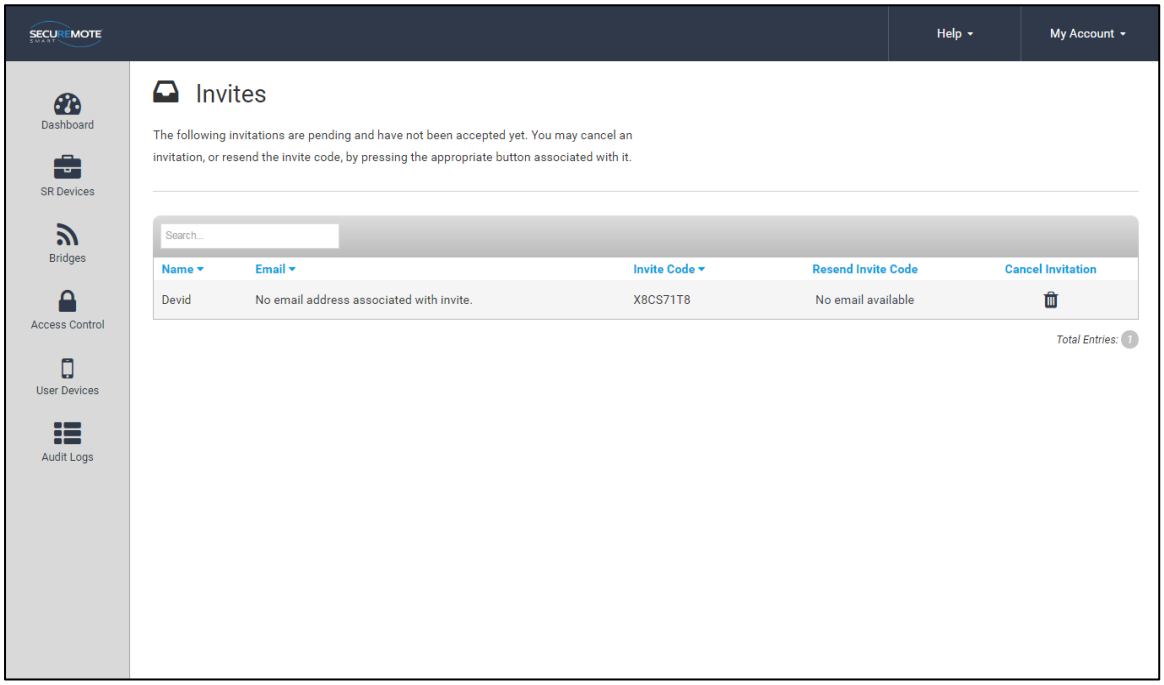

Figure 197 Invite Screen

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16.12. Enable Push Notification

Push notification feature allows you to be notified when SR Keeler is operated.

Go to Notifications → Create New Notification → Choose an SR Device → Select events to subscribe → Choose a User Device you want the notifications to go to.

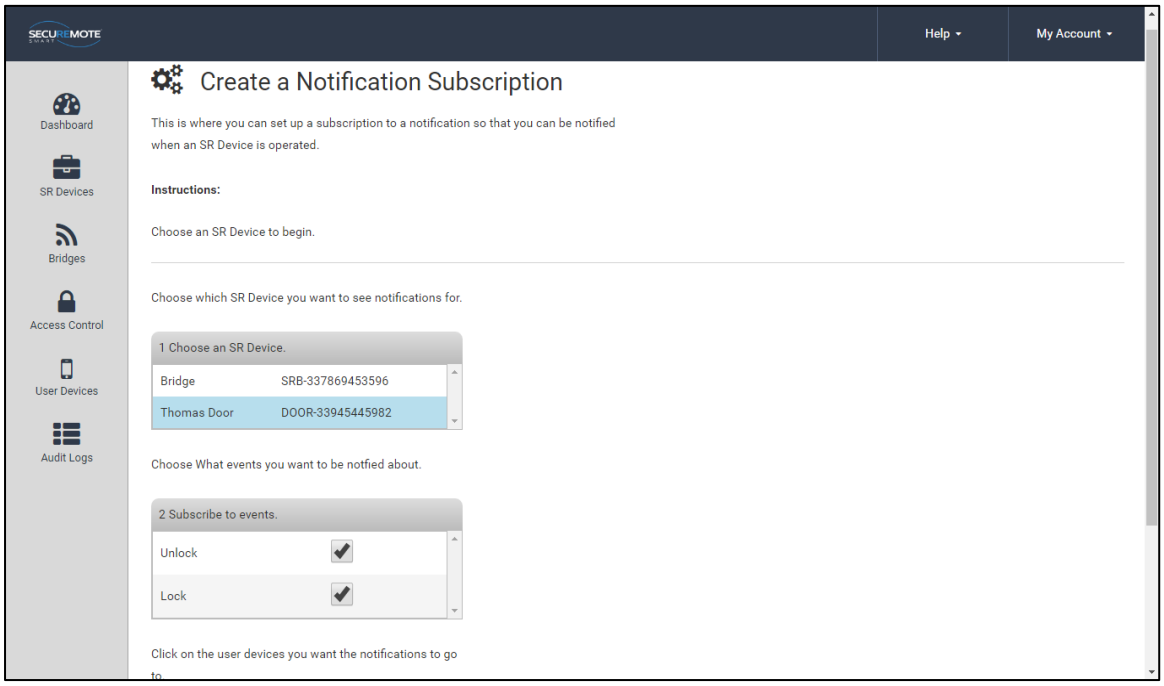

Figure 198 Push Notification

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17. Remote Mode

This operation mode facilitates user to operate his/her Keeler device from any location using mobile internet and SR Bridge. You have to have SR Bridge or SR GDO (with CDMA) which enables your Keeler device to communicate over the internet. Please refer Register SR Bridge and Configure SR Bridge for more detail.

17.1. Lock Operation

1. Click on “Lock” button from Home Screen. Refer Figure 199.
2. “Safety Warning Reminder” message appears with “YES/NO” option. Click on “YES” option. Refer Figure 200.
3. Request sent to SR Portal “Toast Message” will appear. Refer Figure 201.

Figure 199 SR App Home Screen

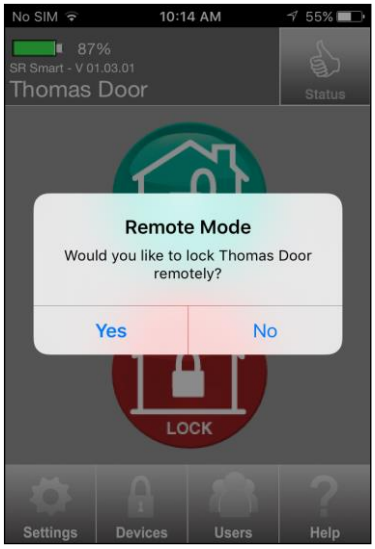

Figure 200 Safety Warning Message

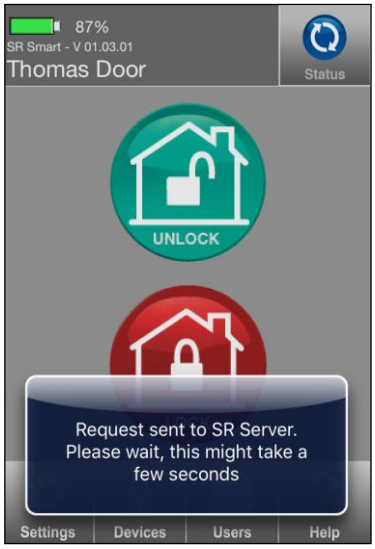

Figure 201 Request Sent to SRO

4. “Lock” operation successfully performed message will appear. Refer **Error! Reference source not found.**.
5. “Locked” status symbol will appear after the SR KEELER is “Locked” successfully. Refer **Error! Reference source not found.**.

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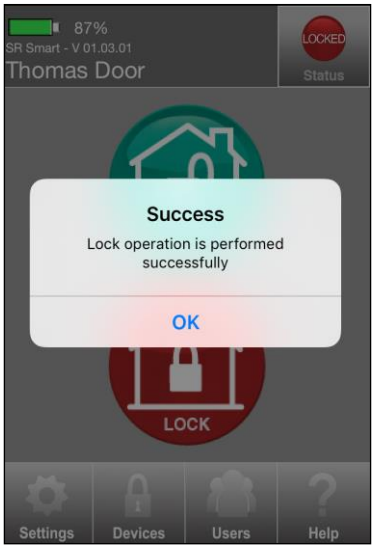

Figure 202 Success Message

Figure 203 Home Screen

17.2. Unlock Operation

1. Click on “UNLOCK” button from Home Screen. Refer Figure 204.
2. “Safety Warning Reminder” message appears with “YES/NO” option. Click on “YES” option. Refer Figure 205.
3. Request sent to SRO “Toast Message” will appear. Refer Figure 206.

Figure 204 Home Screen

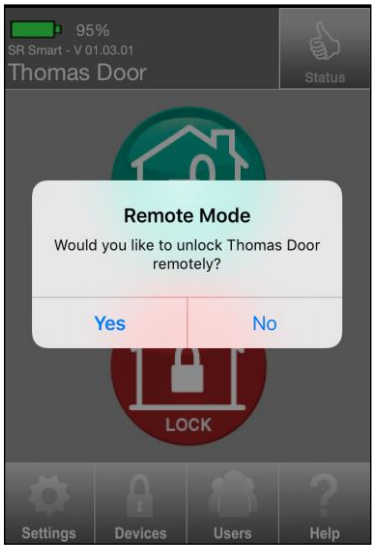

Figure 205 Safety Warning Message

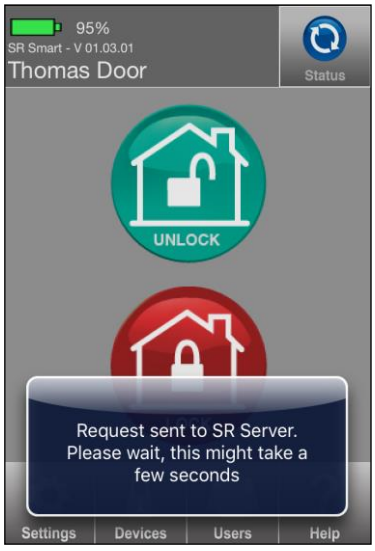

Figure 206 Toast Message

4. “Unlock” operation successfully performed message will appear. Refer Figure 207.
5. “Unlocked” status symbol will appear after the SR KEELER is “Unlocked” successfully. Refer Figure 208.

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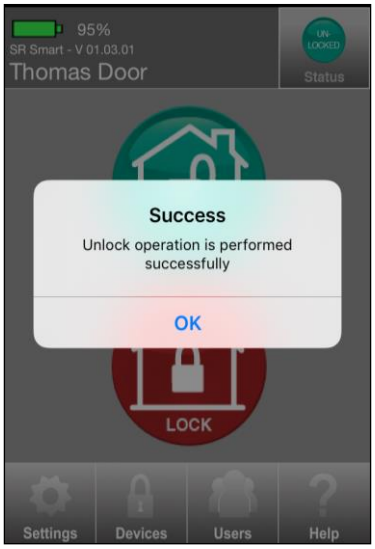

Figure 207 Success Message

Figure 208 Home Screen

17.3. Status operation

1. Click on “STATUS” button from Home Screen. Refer Figure 209.
2. “Safety Warning Reminder” message appears with “YES/NO” option. Click on “YES” option. Refer Figure 210.
3. Request sent to SR Portal “Toast Message” will appear. Refer Figure 211.

Figure 209 Home Screen

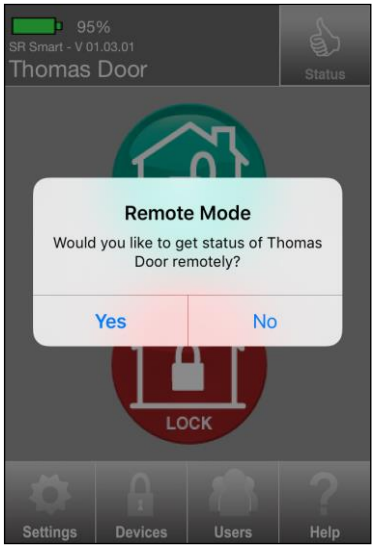

Figure 210 Safety Warning Message

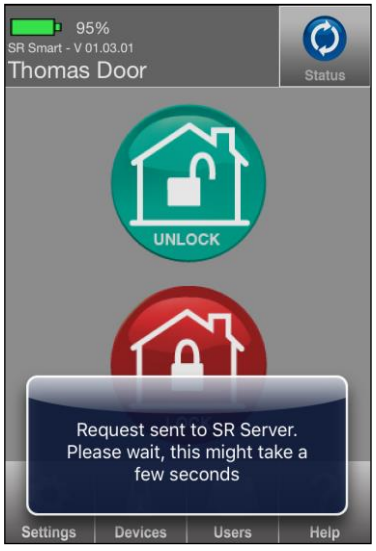

Figure 211 Request sent to SRO

4. “Success” notification message will appear with “OK” option. Refer Figure 212.

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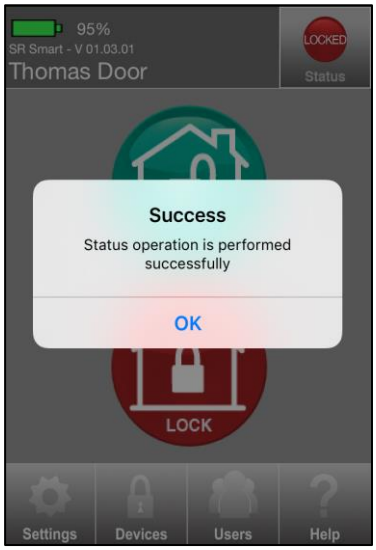

Figure 212 Success Message

5. If the door is Unlocked, then “Unlocked” will be indicated in Status. Refer Figure 213.
6. If the door is locked, then “Locked” will be indicated in Status. Refer Figure 214.

Figure 213 Unlocked Status

Figure 214 Locked Status

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18. Update the SR Smart® App

18.1. Update the SR Smart® App for iOS Devices

Click on App Stores icon on your Home Screen. Click on “Updates” option in the bottom right corner. This will display any Apps that have updates available for your phone. To update the SR Smart App, select the SR Smart® App and click on “Update” option in the upper right corner.

18.2. Update the SR Smart® App for Android Devices

Update the SR Smart® App by setting your Android up for automatic updates. Click on the Android Play Store icon from your Home Screen. Click on “SR Smart®” and select “Allow Automatic Updating”.

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19. Remove the SR Smart® App from your Smartphone

- **For iOS**
    1. Tap and Hold on SR Smart App icon.
    2. Click on Cross.
    3. Message appears on screen with “Delete” and “Cancel” option.
    4. Click on “Delete” option.

- **For Android**
    1. Go to phone “Settings”.
    2. Click on “Application manager” option.
    3. Select SR Smart app.
    4. Click on Uninstall.
    5. Message appears on screen with “Cancel” and “Uninstall” option.
    6. Click on Uninstall.

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20. Factory Reset

The user can set all parameters to Factory Reset default by pressing and holding the Factory Reset button for 5 seconds or more, located inside the side panel unit of the SR KEELER. You need to open this panel as shown in figure and press the button inside it. The user will need to remove the cover to access this button.

Figure 215 Side Panel

Caution: Factory Reset will remove all users from the SR Keeler.

Note: Manual factory reset will keep one audit log for the same and user will get that log when he/she pair with SR KEELER first time after factory reset.

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21. SR Keeler LED Indication

SR.#	Event	LED1	LED2	LED3	DESCRIPTION
		Red	Blue	Green	
1	Power ON	B		S	Once Red LED blink then Green Solid LED for 2 seconds then play Buzzer for 1Seconds-> 1 Second delay-> Play Buzzer for 1 seconds
2	Factory Reset	B		B	3Times Red LED blink (500 ms interval)
3	Pair			B	Three times Green LED blink and “Door is paired”
4	Lock			S	Green solid LED up to operation finished then play buzzer 2 times with 1 second delay between them
5	Unlock			S	Green solid LED up to operation finished then play buzzer 2 times with 1 second delay between them
6	Auto Lock			S	Green solid LED up to operation finished then play buzzer 2 times with 1 second delay between them
7	Status			B	Green led blink once
8	Lock Error	S/B			Red solid LED display for 2 second and Twice Red LED Blink again then play Buzzer 2 times with 1 second delay.
9	Unlock Error	S/B			Red solid LED display for 2 second and Twice Red LED Blink again then play Buzzer 2 times with 1 second delay.
10	Deadbolt Jammed (Current status is Unlock and do Lock)	S/B			Red solid LED display for 2 second and Twice Red LED Blink again then play Buzzer 2 times with 1 second delay.
11	Bluetooth connection		B		Blue LED Blinks till connection drops
12	DFU Mode		B	S	Green solid LED display Blue LED Blinks till connection
13	Auto Lock Activated			S	play buzzer for 1 second first then Green solid LED display then
14	Auto Lock expired				Red solid LED display for 2 second and Twice Red LED Blink
15	Low Battery	S/B			Red solid LED display for 2 second and Twice Red LED Blink again then play Buzzer 2 times with 1 second delay.

Table 5 SR Keeler LED Indication

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22. Keyfob LED Indication

SR.#	EVENT	LED1	LED2	LED3	DESCRIPTION
		Red	Blue	Green	
1	Keyfob Power ON.	B	B	B	Blink Red, Blue and Green simultaneously 1 time
2	Press and hold any key for more than 5 seconds.	B	B		Blink Red and Blue LED till connection with Smart phone or Configuration mode timeout (30 seconds)
3	connected with smart phone		B		Blue LED blinks continuously until disconnection from Smart phone
4	SR keyfob configured successfully			B	Blink Green LED three times
5	SR keyfob configuration failed	B			Red LED blinks twice
6	Press button to operate(open/close)			B	Green LED blinks until operation is completed
7	Out of Bluetooth range	B		S	Green LED solid and Red blinks 4 times
8	Notification error	S		B	Red LED solid and Green blinks 4 times
9	Operation successful			S	Green LED solid for 2 seconds
10	User Not found		B		Blue LED blinks twice
11	Session ID mismatch	B		B	Red and Green LED blinks 3 times
12	Pairing Fail LED	B		B	Red and Green LED blinks 4 times
13	Operation timer expired	B		B	Red and Green LED blinks 5 times
14	Switch error in SR device	B		B	Red and Green LED blinks 6 times
16	Advertisement error	S			Red solid for 3 seconds
17	key not configured with any SR device	B			Red LED blinks 2 times
18	Error in connection	B			Red LED blinks 3 times
19	Low Battery indication	B			Red LED blinks 5 times

Table 6 SR Keyfob LED Indication

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23. Frequently Ask Question

Please refer https://portal.securemote.com/#/Faq for latest FAQs

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24. Contact Detail

Delphian Systems, LLC.
975, Weiland Road, Suite 150,
Buffalo Grove, IL 60089
Phone: +1-847-305-8076
Fax: +1-847-410-1015
Website: www.delphiansystems.com
Technical Support: support@delphiansystems.com
Sales Contact: www.delphiansystems.com/contact

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