VISION IOT

World's Most Customer-Centric IoT Platform for Retailers & CPGs

Learn why many of the Fortune 500 choose our trusted HARBOR IoT platform to connect, manage, and extract data from their remote assets

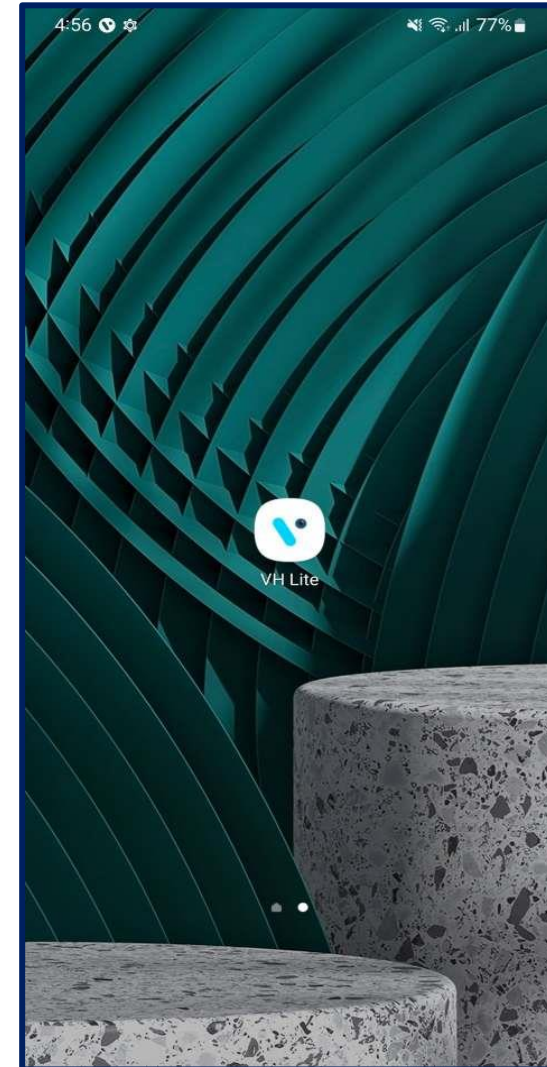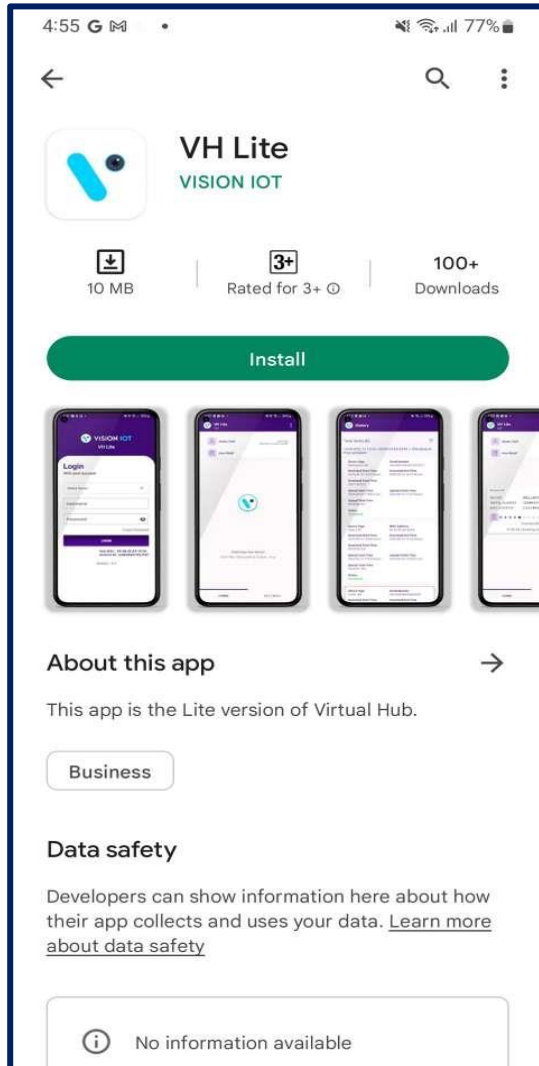● Analytics ⬢ SaaS Applications ■ IoT Solutions

VH Lite

APPLICATION USER MANUAL

AUGUST | 2022

Application Installation

Open the Google Play Store Application and Search the "**VH Lite VISION IOT** " Application on Play Store and Install the Application.

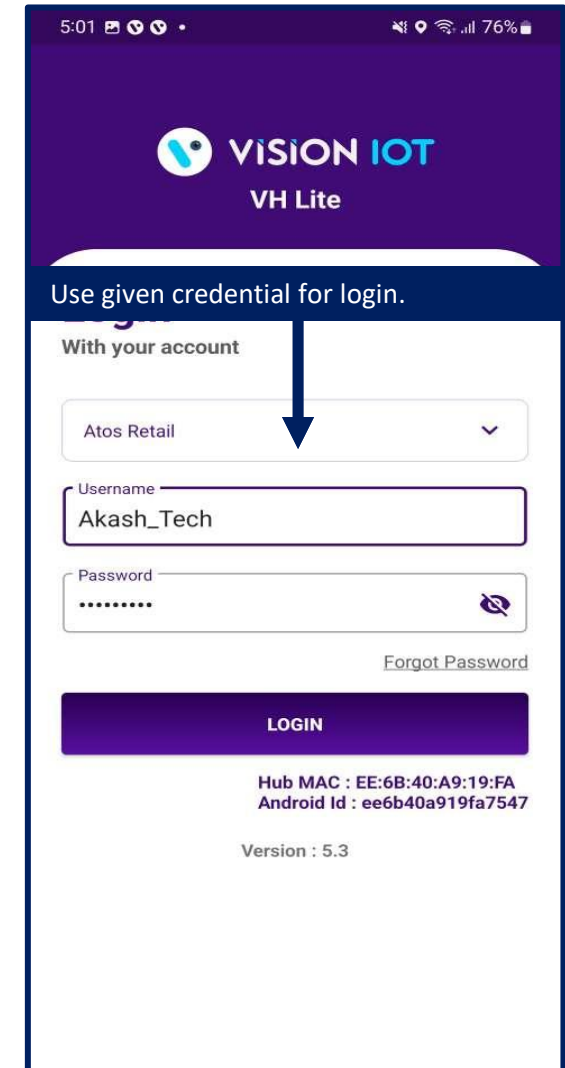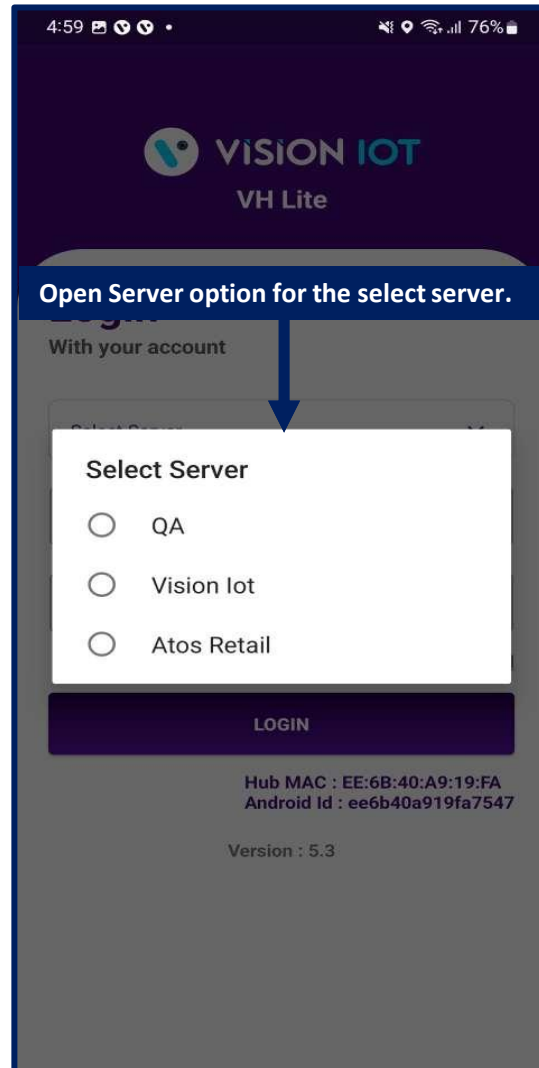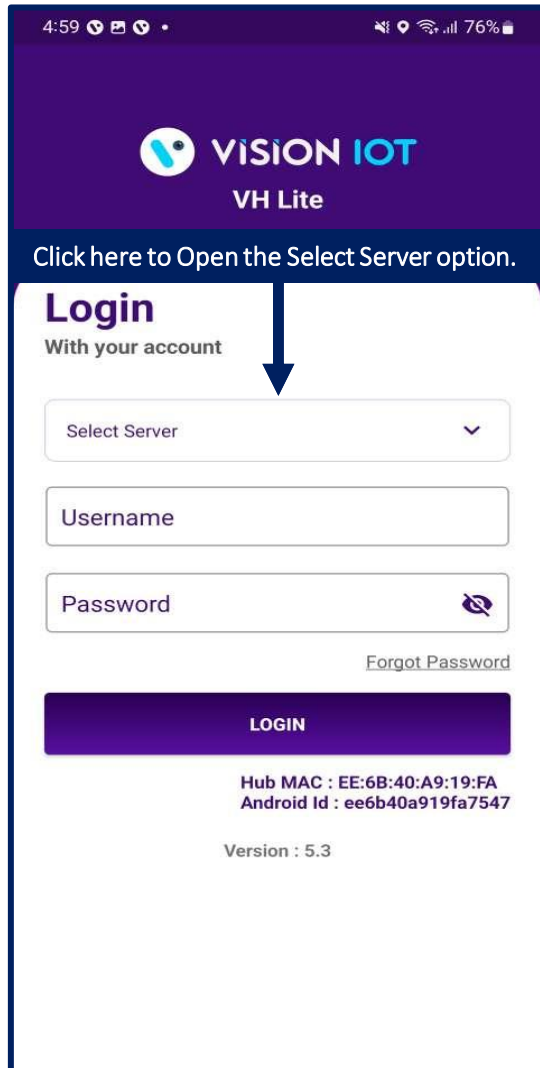**URL**: https://play.google.com/store/apps/details?id=com.ebestiot.vhlite

Login

After successfully installing the VH Lite Application from Play Store. Open the Application, and the application will redirect to Login Page. Select the server from the server list and Login with valid Credentials.

Click here to Open the Select Server option.

Open Server option for the select server.

Use given credential for login.

Login Functionality

Note:
Whitelist functionality support only two device type Carel and Nexo.
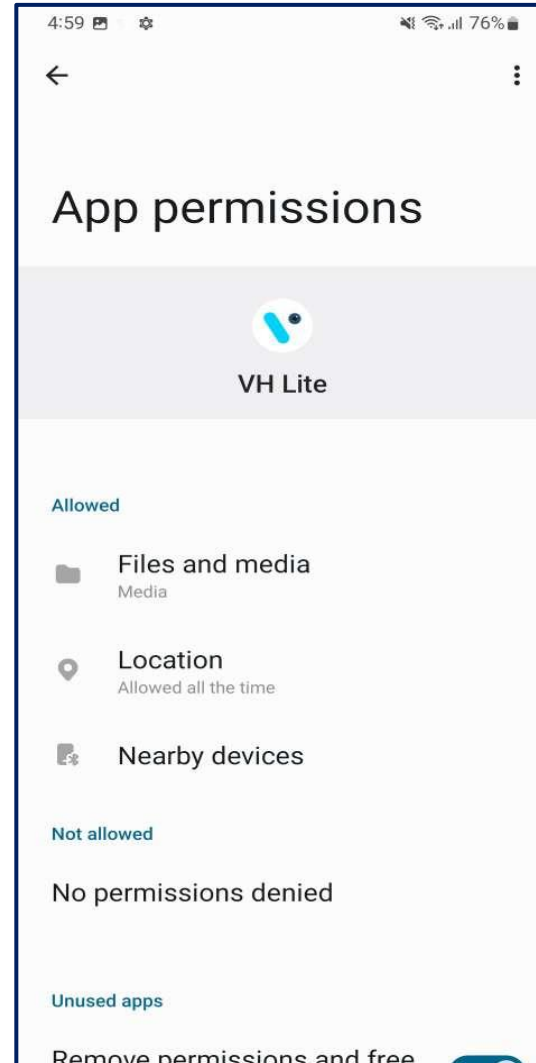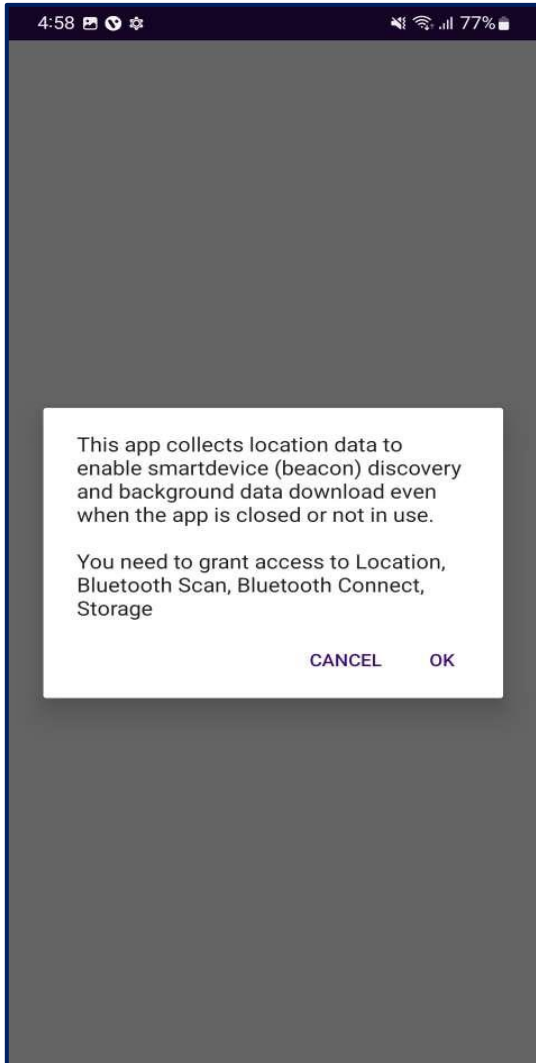
The app will be connected with the nearest device which is found in the whitelist.

Sometimes login button does not show on the login screen which means the app is fetching Lat-long from the mobile. without Lat-long users can't allow to log in.

Application Permission

After initial Installation & launch, the Application will ask for permission to access.
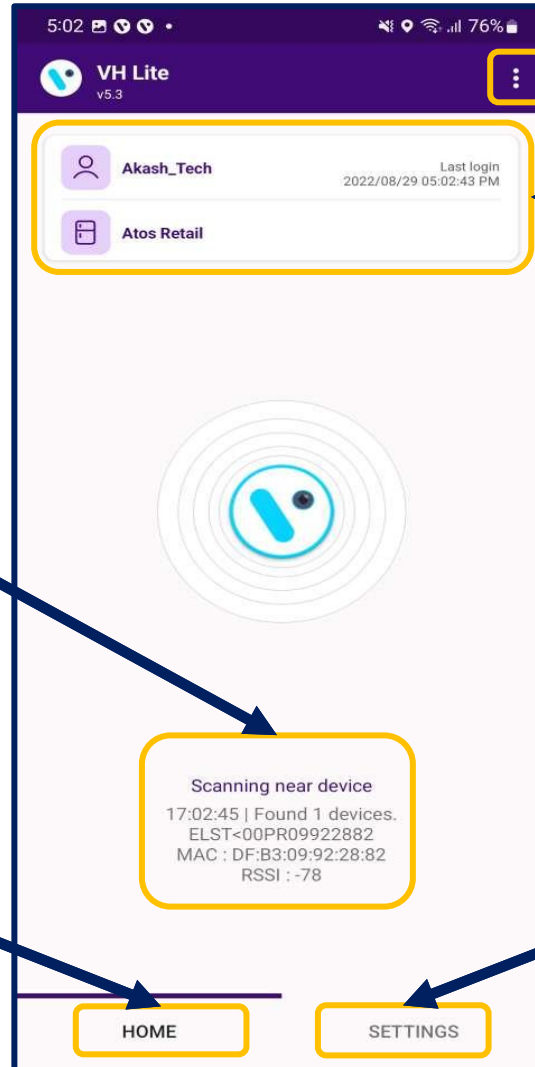
Choose Server: The server should be chosen here.

Camera Permission, File and Media Permission, Location Permission, Nearby Device Permission Need to Allow.

PERMISSIONS

- For Location (so beacons can be found) - **Choose Allow While Using App on as per Handset OS.**

- Then Go to the Phone Settings > App Permissions > Location > Allow Location Access option is "Always".

- Same way Other Permissions like File and Media, Camera, Nearby Device need to Allow.

Home Screen

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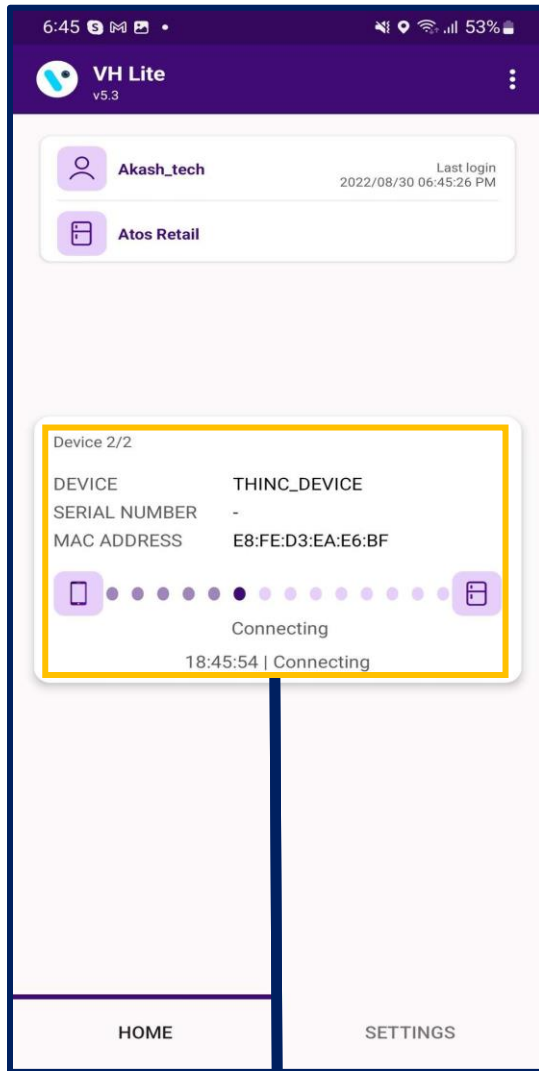
Virtual Hub Menu (Hamburger Menu)

Server and Username are used in login time.

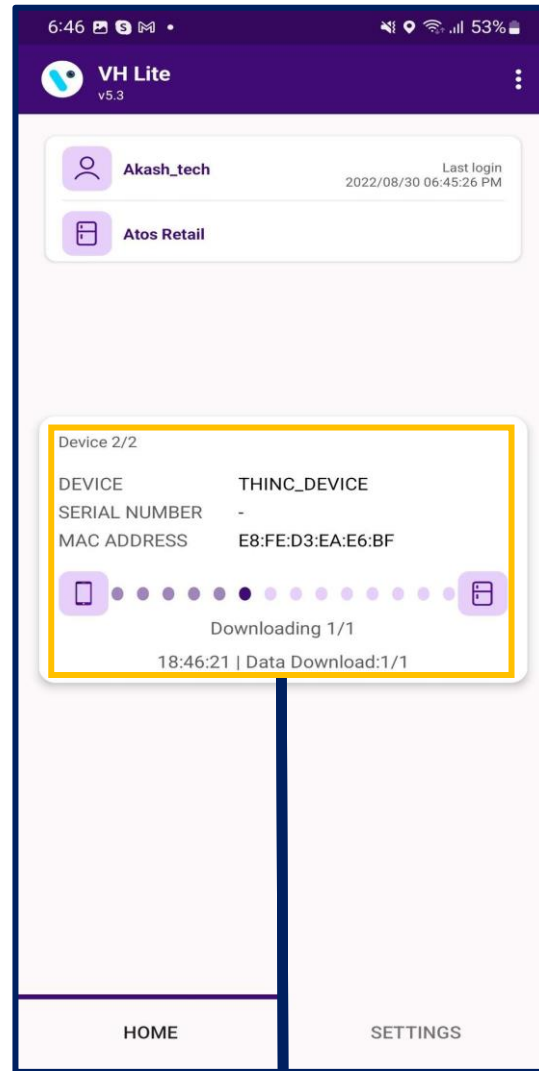Scanning information of Device found in Advertisement.

History Screen: This is the Home Screen of the Application where Data is downloaded and Uploaded.

Setting Button: This is the Setting button of the Application using the User can update the Application Settings as per need.

5:02

VH Lite
v5.3

Akash_Tech
Last login
2022/08/29 05:02:43 PM

Atos Retail

Scanning near device

17:02:45 | Found 1 devices.
ELST<00PR09922882
MAC : DF:B3:09:92:28:82
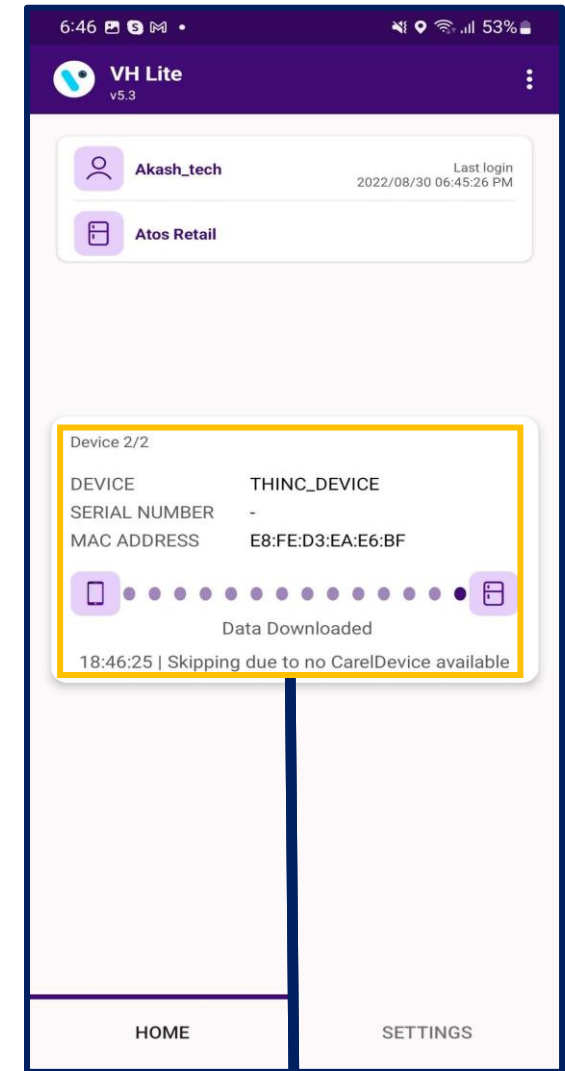RSSI : -78

HOME   SETTINGS

Device Connection and Data Download

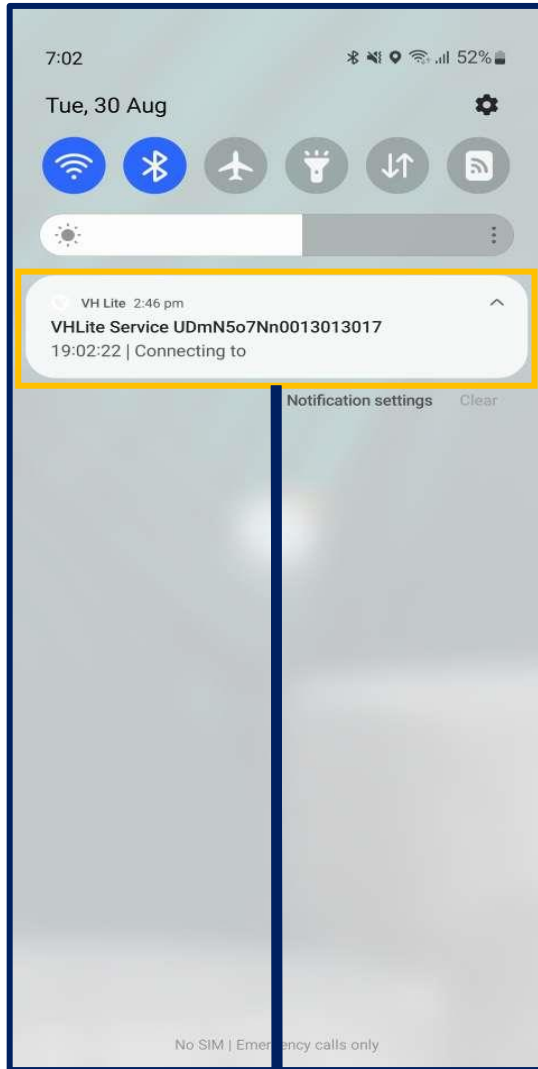Device Type and SN are connecting in VH Process.

Device Status Showing here like Connection, data downloading, etc.
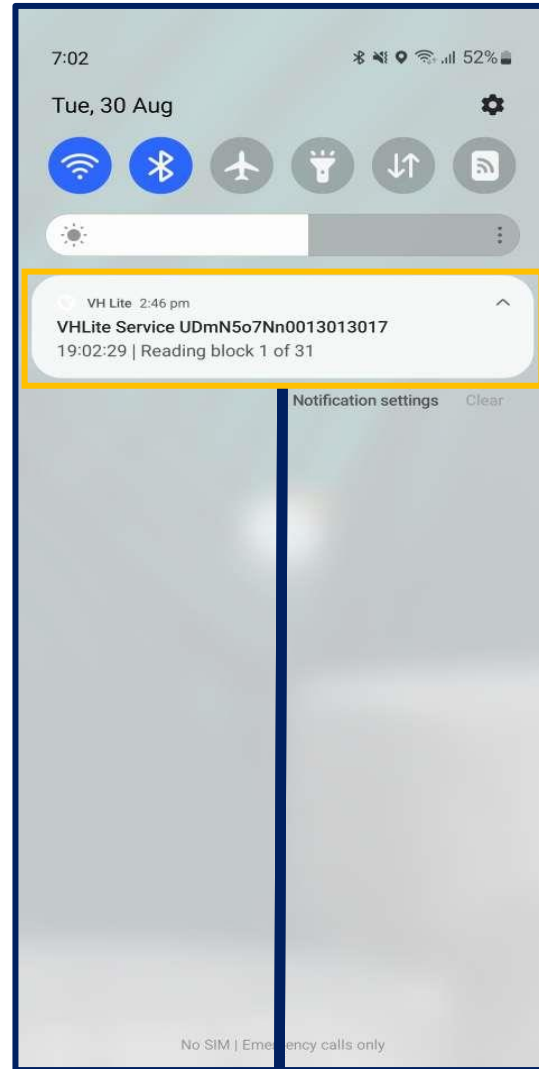
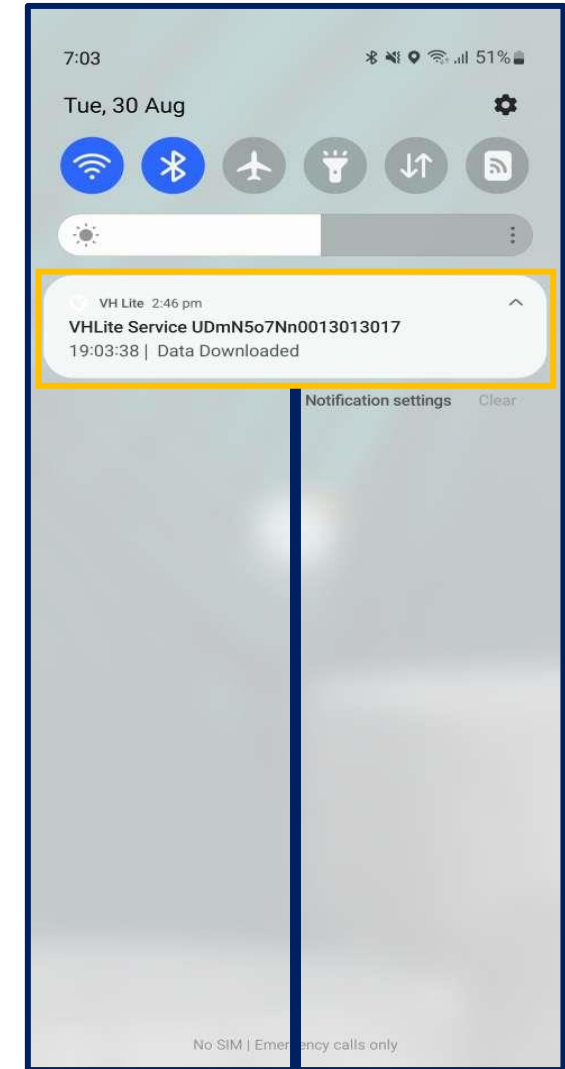The status of the devices was found in the VH session.

Device Data Download in Background

Searching Devices and showing number of devices found
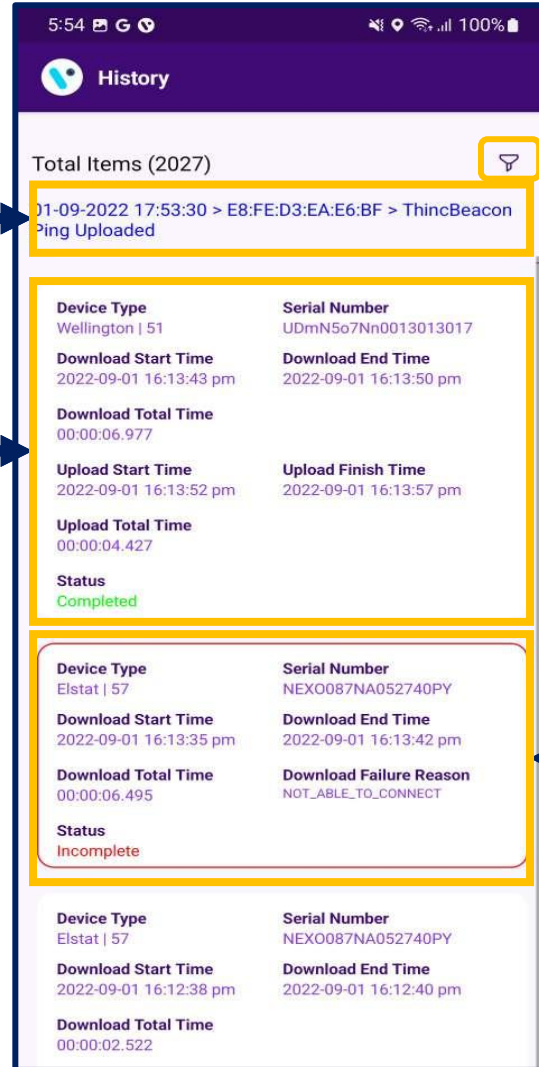
Connecting with the Searched device.

App connects with device and data collect.

History Screen

VISION IOT

Here, the Last device's data uploading status showing.

Filter Option for History Data

Data Downloading and Uploading History with time and device SN.

If data downloading and uploading is a success then showing a light green box, otherwise showing a red box with the error.

Screen content:

History

Total Items (2027)

01-09-2022 17:53:30 > E8:FE:D3:EA:E6:BF > ThincBeacon Ping Uploaded

Device Type
Wellington | 51

Serial Number
UDmN5o7Nn0013013017

Download Start Time
2022-09-01 16:13:43 pm

Download End Time
2022-09-01 16:13:50 pm

Download Total Time
00:00:06.977

Upload Start Time
2022-09-01 16:13:52 pm

Upload Finish Time
2022-09-01 16:13:57 pm

Upload Total Time
00:00:04.427

Status
Completed

Device Type
Elstat | 57

Serial Number
NEXO087NA052740PY

Download Start Time
2022-09-01 16:13:35 pm

Download End Time
2022-09-01 16:13:42 pm

Download Total Time
00:00:06.495

Download Failure Reason
NOT_ABLE_TO_CONNECT

Status
Incomplete

Device Type
Elstat | 57

Serial Number
NEXO087NA052740PY

Download Start Time
2022-09-01 16:12:38 pm

Download End Time
2022-09-01 16:12:40 pm
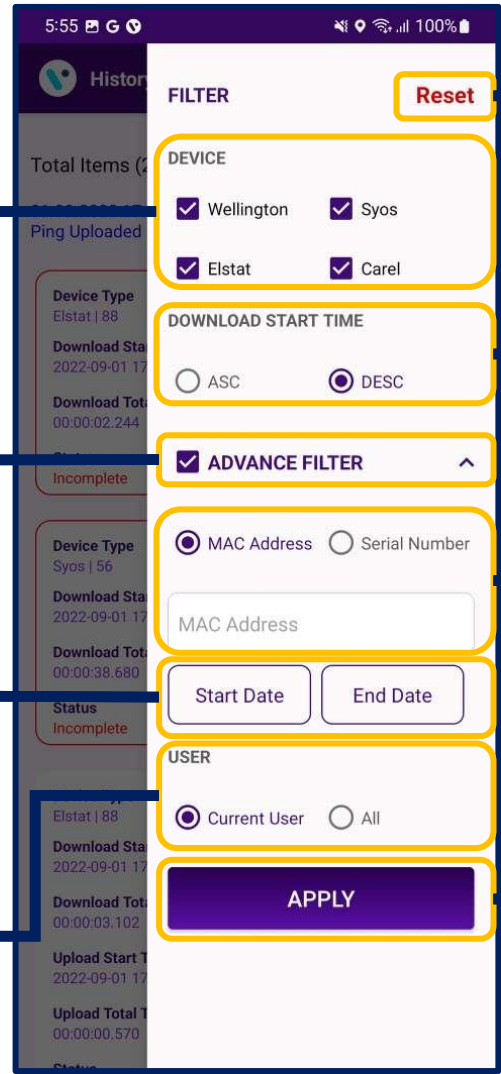
Download Total Time
00:00:02.522

History Filter

If tap on only the wellington device, then only the wellington device is visible on the history page otherwise all are visible.

The advance filter is enabled then the below function work.

The device history show between the Start date and to End date.

If tap on the current user, then show current user data otherwise all other users' data is visible.
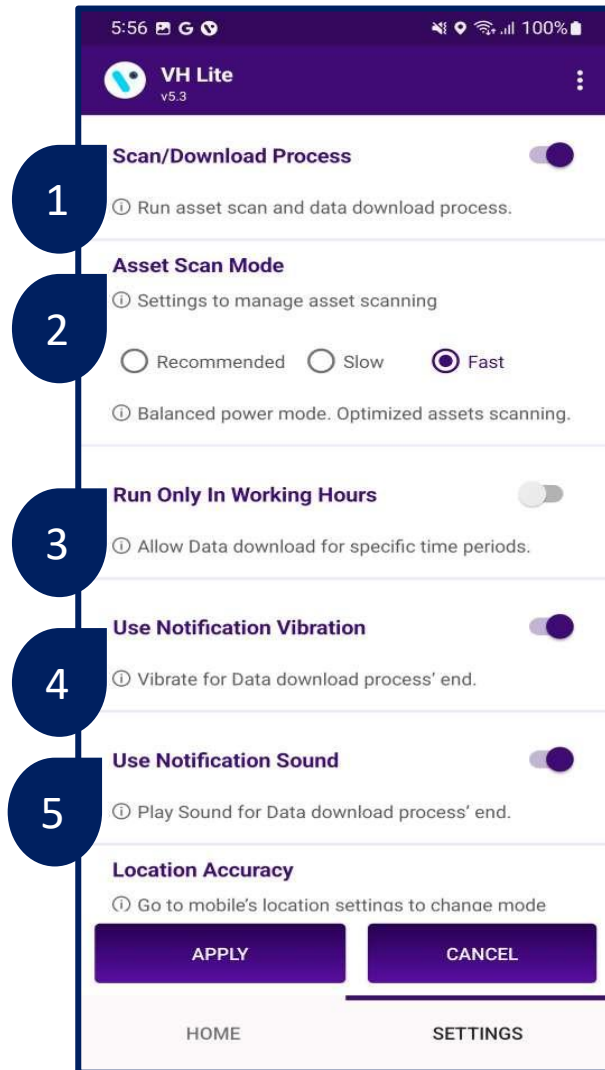
If tap on the Reset button, All filters are removed, and do the default setting.

Show in ascending and descending form based on download start time.

Its work MAC Address and Serial Number. If any serial number is available, then show only this Serial Number History.

After changes in the filter, press "APPLY FILTER".

Setting Screen

1. **Scan/Download Process:**

   This is the Enabled option to Scan and Download the Data. If Disabled, then getting stop collecting the Nearby device's data.

2. **Asset Scan Mode :**

   Recommended > Device becomes come slow compared to fast mode, but It consumes moderate battery.

   Fast > Device comes fast while scanning in VH, but It consumes more battery.

   Slow > Device comes slowly while scanning in VH, but It consumes less battery.
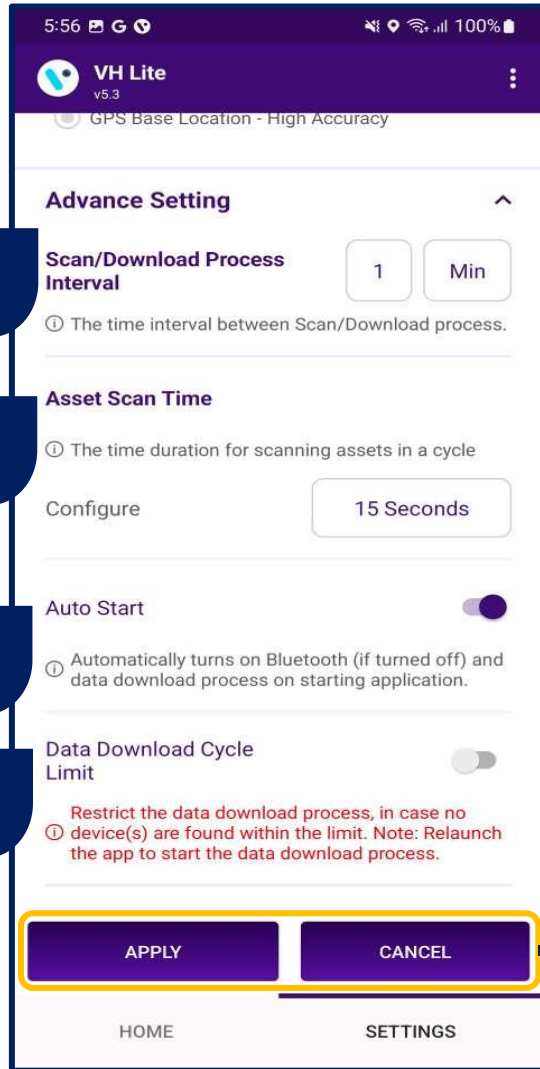
3. **Run Only in Working Hours :**

   VH will work during scheduled hours of work. Without working hours VH processing is disabled even the scan button is disabled.

4. **Use Notification Vibration :**
   If this option is enabled the user gets notified by vibration once the data download is complete.

5. **Use Notification Sound :**
   If this option is enabled the user gets notified by a sound once the data download is complete.

Virtual HUB Screen

6. Scan/Download Process Interval:

If 15 min, then VH tries to find the device in 15 min. Users can modify that.

7. Data Download Cycle Limit:
If this option is enabled and VH Stop Counter set in 3 VH cycles then the device did not come in scanning post 3 scanning cycle completed,

8. Auto Start:
Auto Start > if run VH as Service enables and VH and Bluetooth are already stopped, then when the user lunch app, both automatically start.

9. Data Download Cycle Limit
If the data download cycle limit button is enabled then after the set cycle in this option, VH Process will be stopped if there is no device found in the set cycle limit.

After changes in the Settings, press the "APPLY" Button to apply the changes and by "CANCEL" button to Cancel the Modified Changes.

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