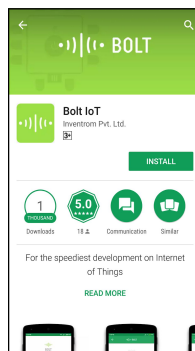# Building an IoT Monitoring System > Getting Started

Linking the Bolt Module to the Bolt Cloud

○ **Step 1:** Search for Bolt IoT in Google PlayStore or Apple AppStore depending on your phone's OS such as Android or iOS and install the app. The app is only available for Android and iOS devices

○ **Step 2:** Open the app, and enter the email id and password to login to your Bolt Cloud account. This will be same as the email ID and password that you have used to sign up on cloud.boltiot.com. Once done, click on the GO button to log in.
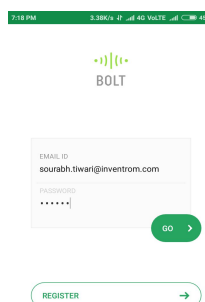
○ **Step 3:** Since you do not have any Bolt devices linked to your Cloud account, you will find the "NO DEVICES CONFIGURED" message on the screen after login. To start the Bolt device setup process, click on the "ADD DEVICE" button which is seen in the screen below.
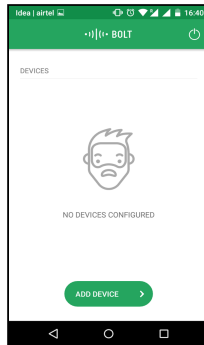
- ○ **Step 4:** The next few screens will guide you with the setup process. First, power on your Bolt Module provided in the kit, using a micro USB type android charging cable. Next, once the Device is powered ON the Blue LED on the ESP8266 Chip will start blinking steadily. When this happens click "READY" button as shown in the images below. You can swipe left to get to the "READY" screen.
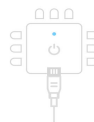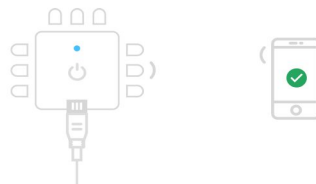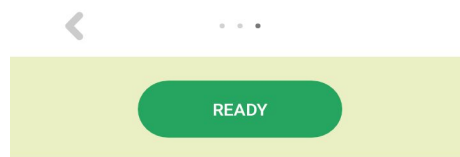
- ○ **Step 5:** At this point, the App will Ask you to Turn On your device Location/GPS setting if it is turned off and also to Turn Off your Mobile Data if it is switched on.
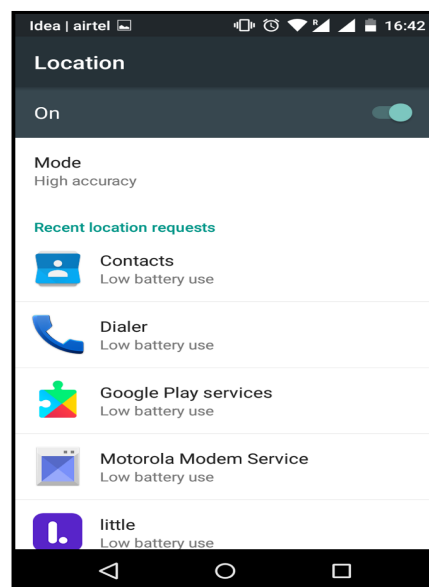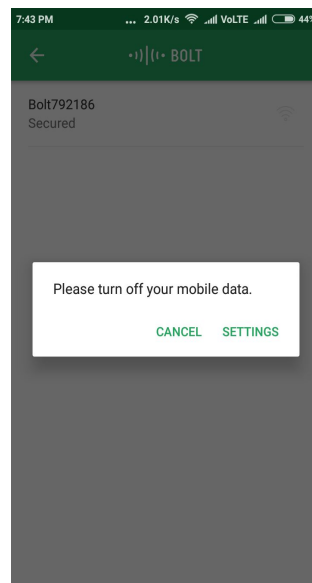
○ **Step 6:** Once the location is turned ON, the mobile phone will automatically connect to the Bolt Module's Hotspot. This can be verified by checking that the Blue LED's blinking rate is faster. At this point, the app may tell you to switch off your mobile data if it is On as seen below.


○ **Step 7:** Once you have turned Off your Mobile data and your Bolt device is shown in the App as below you can click on "CONTINUE" button once the check mark appears on the screen.
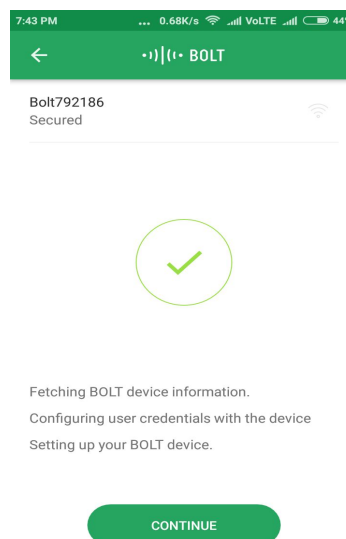

○ **Step 8:** Next you have to connect the Bolt device to a Wi-Fi Network which will be displayed by the app for you to select from. Make sure that the Wi-Fi does not have further verification code requirements except the password. Ensure that the Wi-Fi operates at 2.4 GHz and Not 5 GHz.

Ensure there are no ASCII characters beyond the allowed range of 0-127 in your SSID or PASSWORD. Please do not connect to the hotspot by the name of "BoltXXXXX" i.e. the Bolt's own Hotspot.
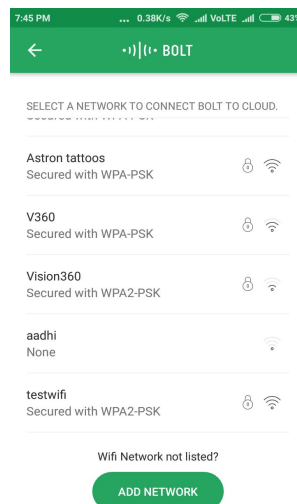

○ **Step 9:** Enter the correct password for the Wi-Fi selected from the previous screen. You can click on the "eye" symbol to view and verify it. Click Connect once you enter the password. The bolt will restart and connect to the Wi-Fi chosen in step 8. You can verify this by checking that the BLUE LED on the ESP8266 chip becomes stable. You can also verify that the Bolt device is successfully connected to Bolt Cloud by checking if the Cloud LED has come ON.
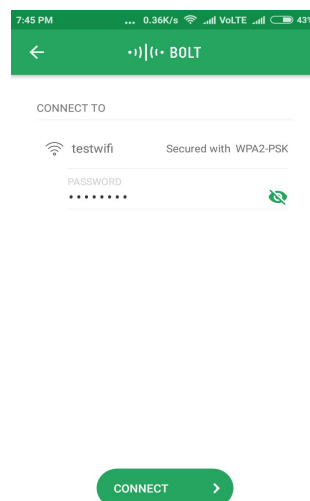

○ **Step 10:** On clicking connect the Next steps will link the Bolt to your account. Click on "SAVE" to link the Device to your account. Finally, click on Done and it will take you back to your Home page.
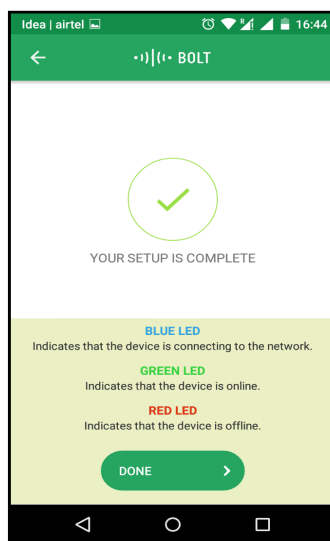
- ○ **Step 11:** Verification: You can see that the device now shows in App's home page. The Green / Red dot next to the device name indicates the device status. Green indicates that the device is has a valid connection to Bolt cloud and can be controlled or monitored remotely. Red indicates that the device is currently offline or powered OFF. If both the Blue and Green LEDs are not stable, then have a look at the next page on Troubleshooting Bolt setup.
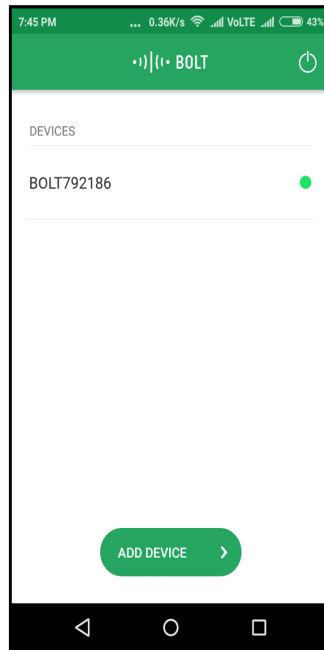
○ **Step 12:** Now login to your cloud account on your laptop/PC. You should now have the new device added to your dashboard as seen below.
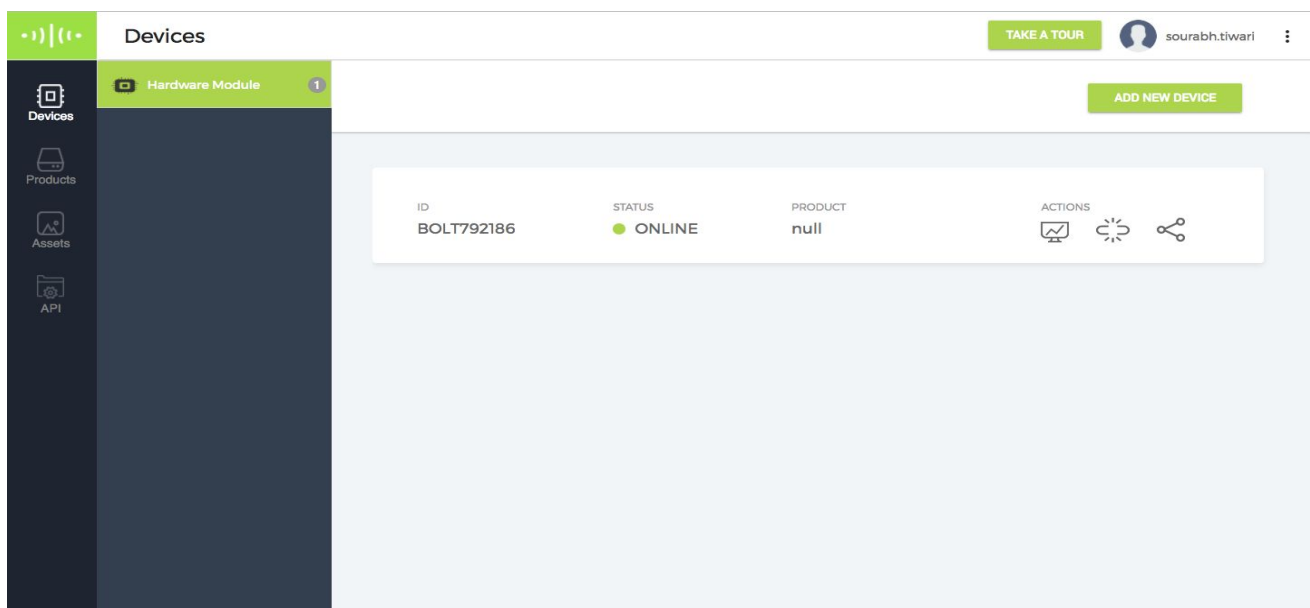
Facing any problem? Check the next screen/section for the guide on troubleshooting. In most of the cases, during this training, the

troubleshooting guide will be included in the screen/section after the topic.

In the next lesson we will learn to build our first product on using this new Bolt device. In case if you are facing any difficulties or the Green and Blue LED on the Bolt device are not ON, then have a look at the next page on Troubleshooting Bolt setup.