

Introduction to Bubble

What is Bubble.io?

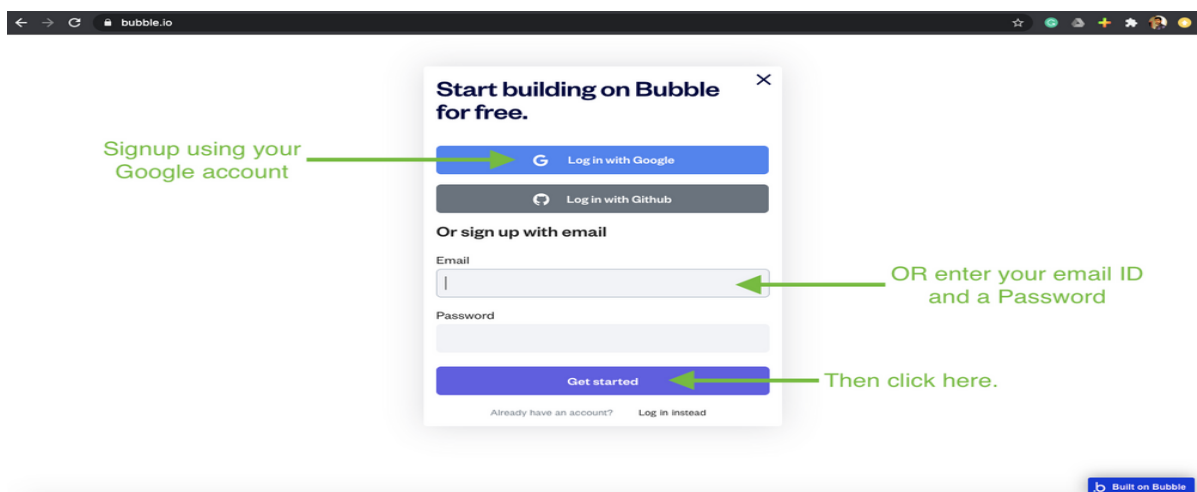
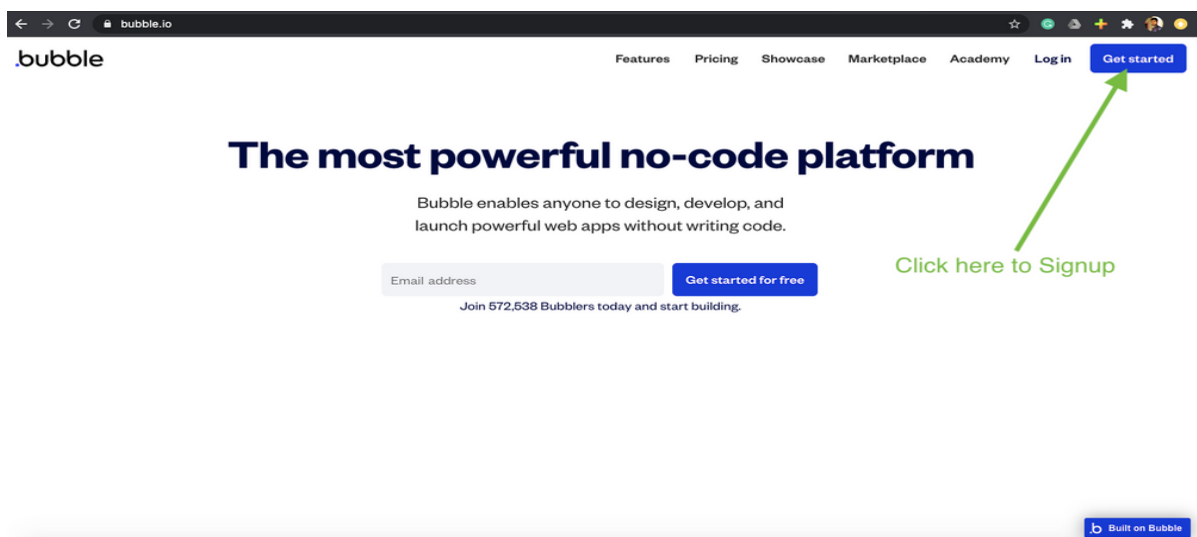
Bubble.io is a robust visual programming platform that enables users to create innovative web applications in a quick and hassle-free way. These applications can be accessed from all devices which support browsers such as smartphones, laptops etc.

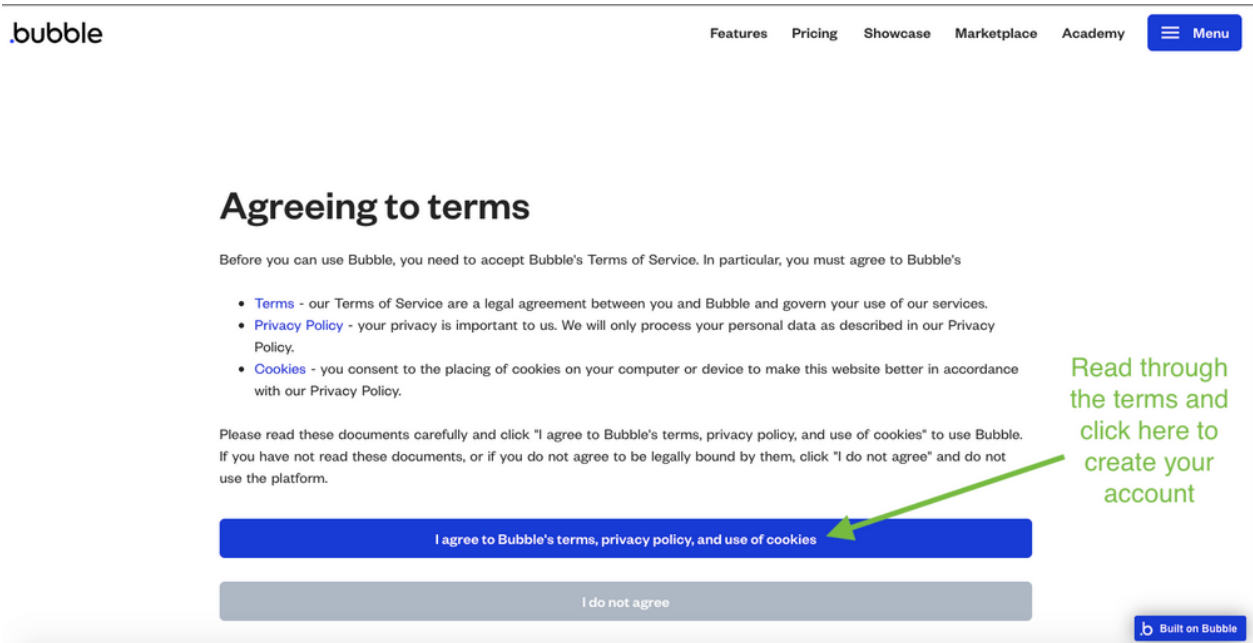
Bubble empowers users to build and customise applications via a user-friendly interface using the drag and drop technique, entirely without code.

Bolt IoT has created a plugin which you can find on Bubble, which enables you to build powerful GUI to control output devices connected to your Bolt.

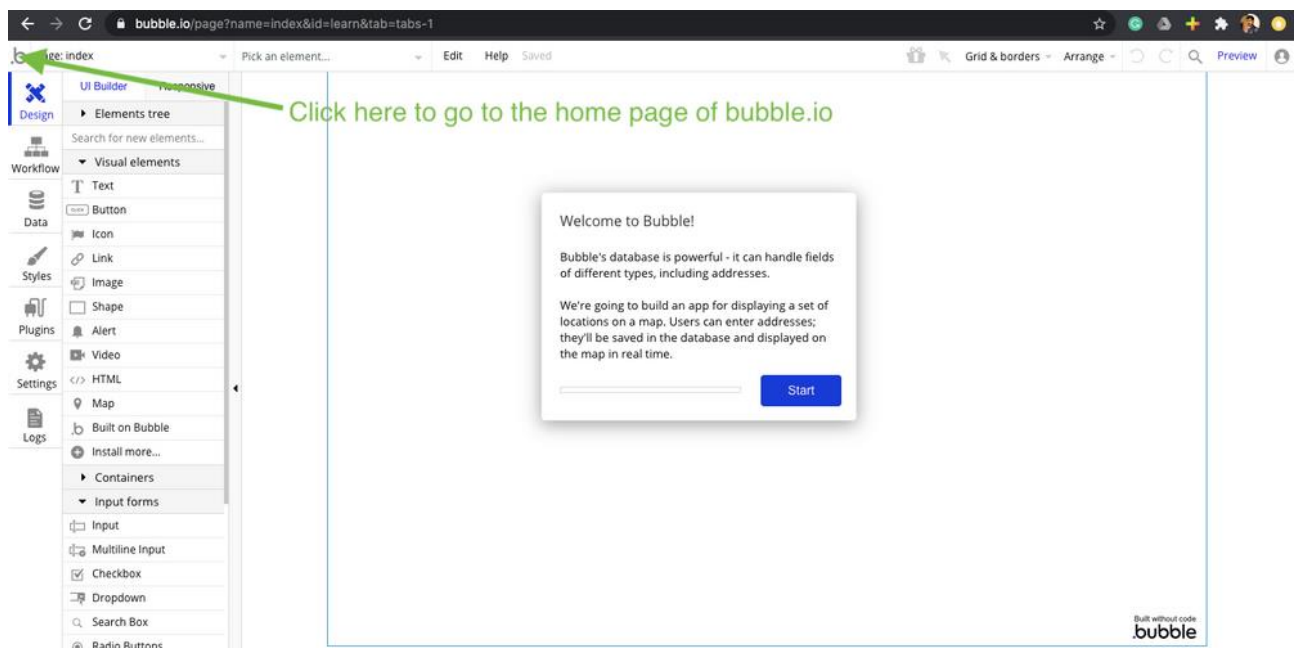
Creating an account on bubble.io

- Go to the bubble's website using this link.
- Click on Get started to create your account.



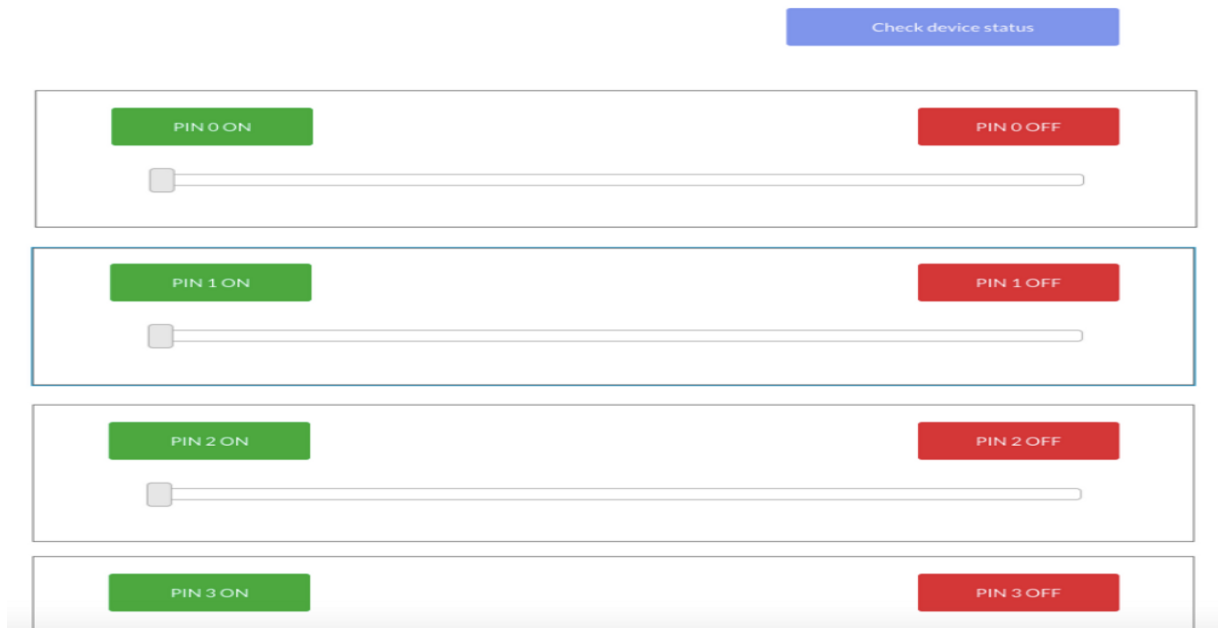


After agreeing to the above terms, you will see an interactive lesson as shown in the image below.

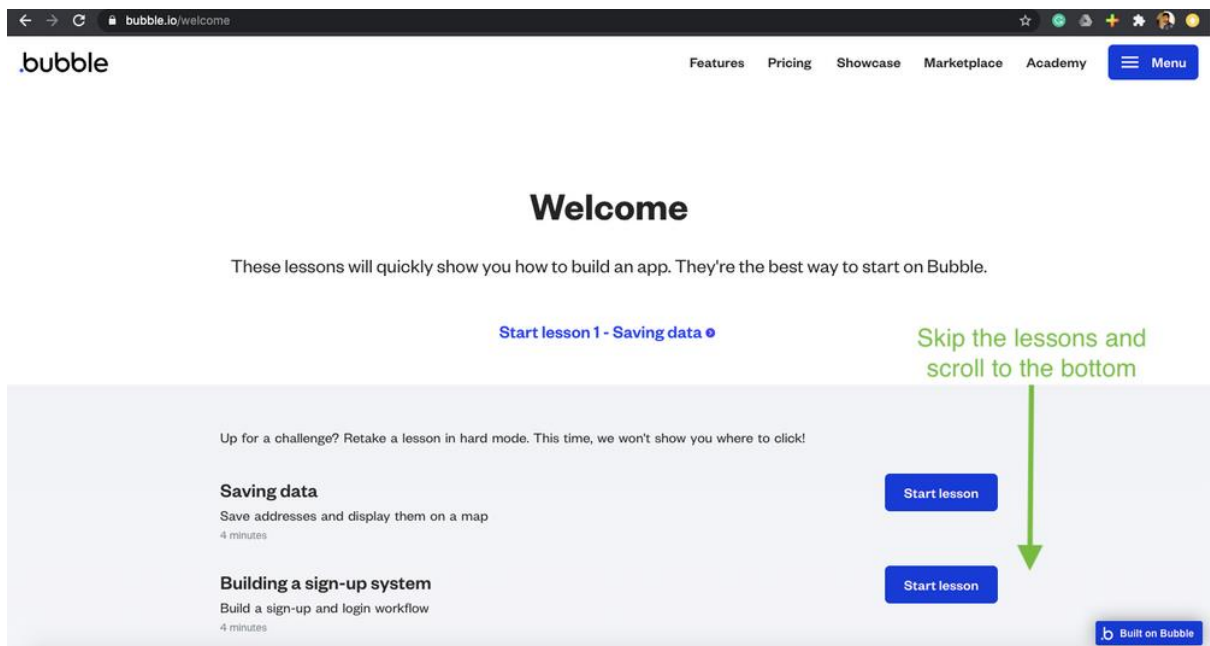


Bolt IoT Template

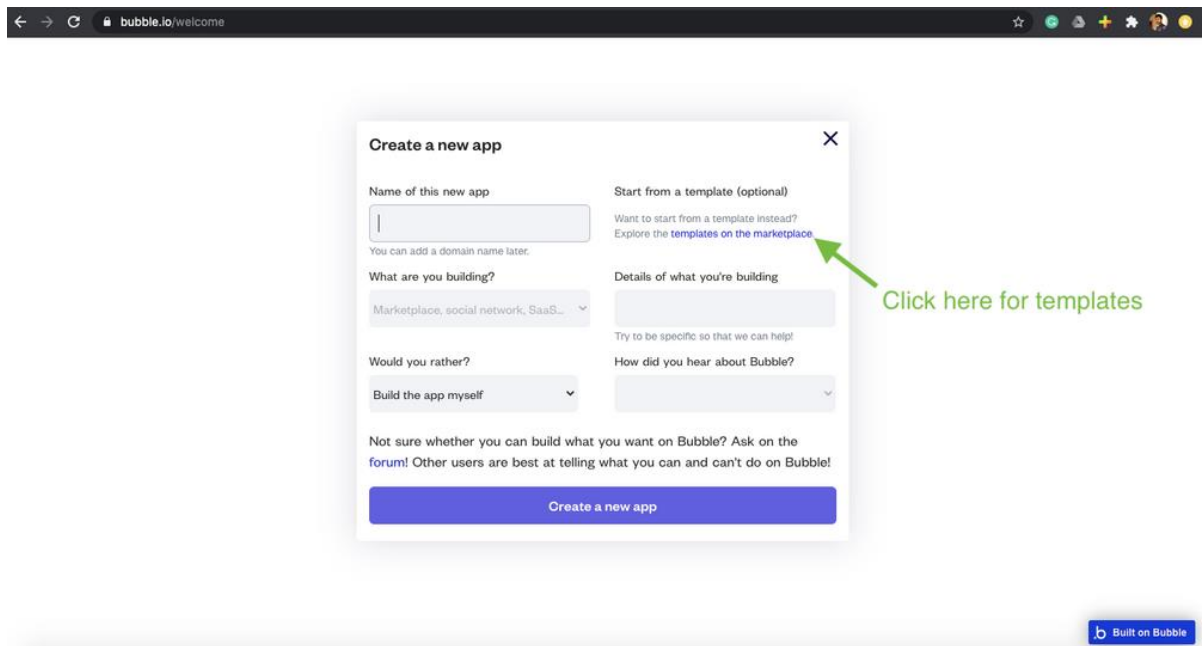
A basic template for experimentation purpose to control all the PINs. You can turn them ON/OFF as well control the intensity of LED connected to the pins.



Creating an LED Controlling app using the Bolt IoT app template



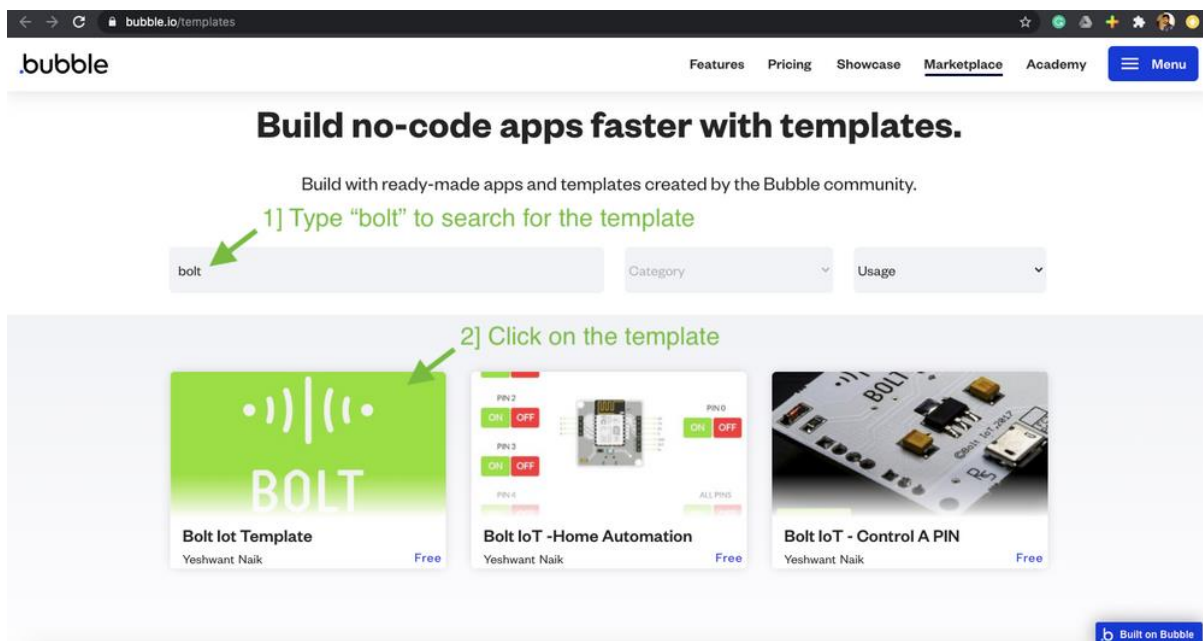
Select "templates on the marketplace", which will open a new tab.



In the new tab, type in the name of the template you want, from the list mentioned at the start.

We are using "Bolt IoT Template" here for demo purpose.

Once listed, click on the template.



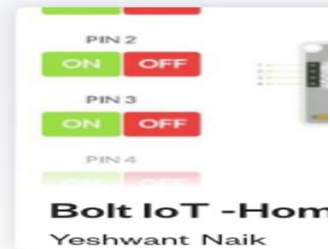
Then click on Details

Build no-code apps

Build with ready-made apps and ten

bolt

Click on "Details"



- Click on "USE TEMPLATE"
- Click on "USE NOW" which will appear on a new page.



TEMPLATE

Bolt IoT Template

By
Yeshwant Naik

Installs
210

Published
September 11, 2018

Free template

Click here

Use template

Preview

Using this template



This template is offered for free by the author. You can use it freely for your apps.

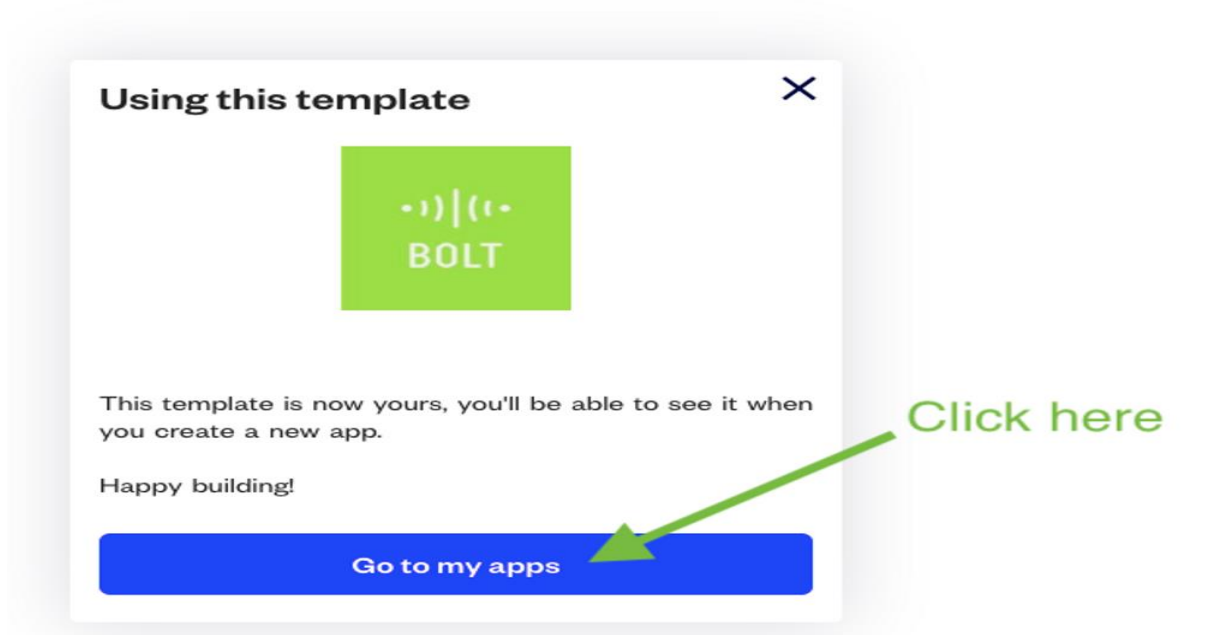
By using a template you agree with the [Template Usage License](#).

Use now

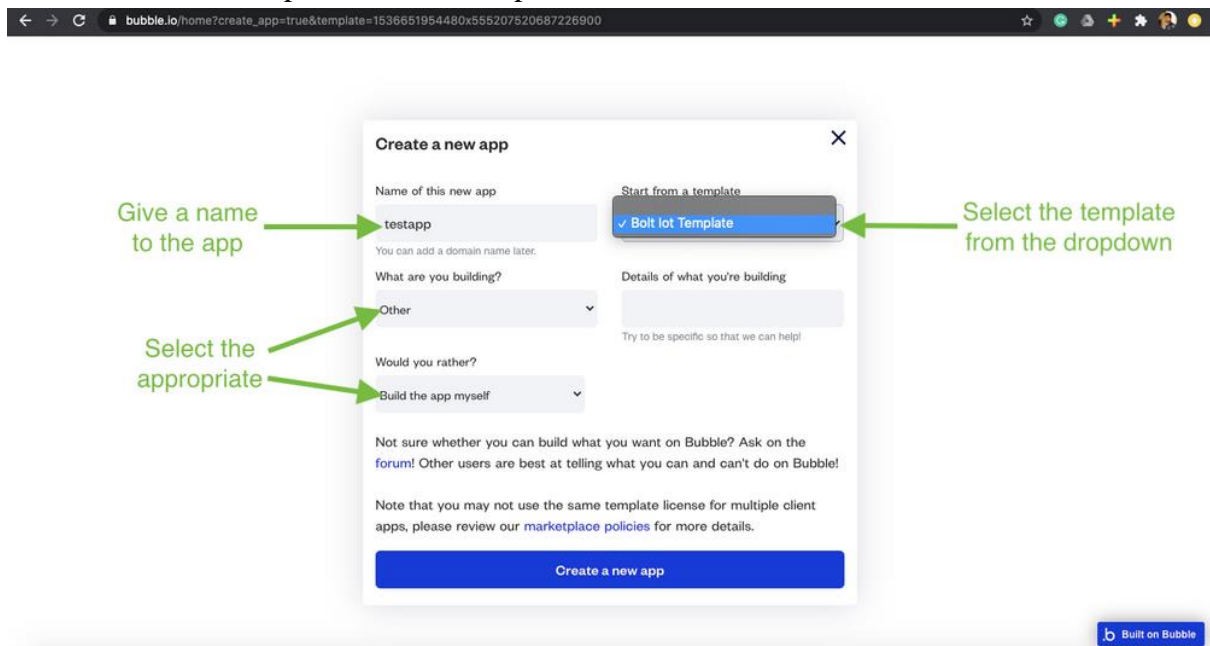
Cancel

Click here

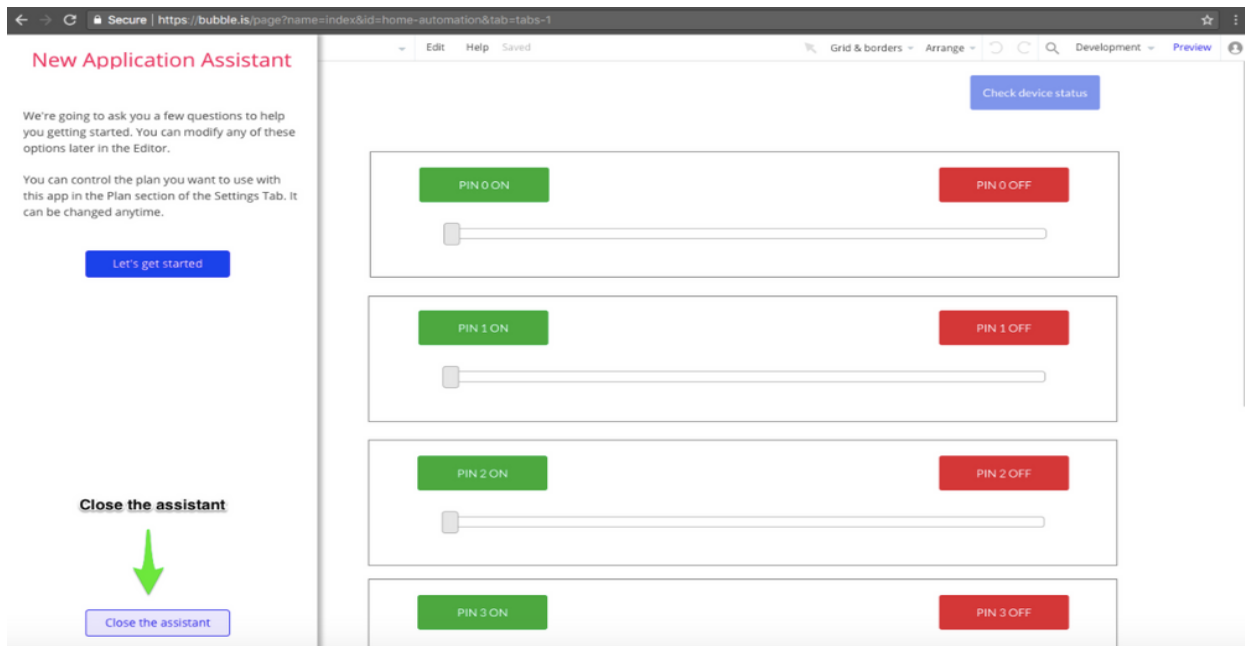
- Click on "GO TO MY APPS"



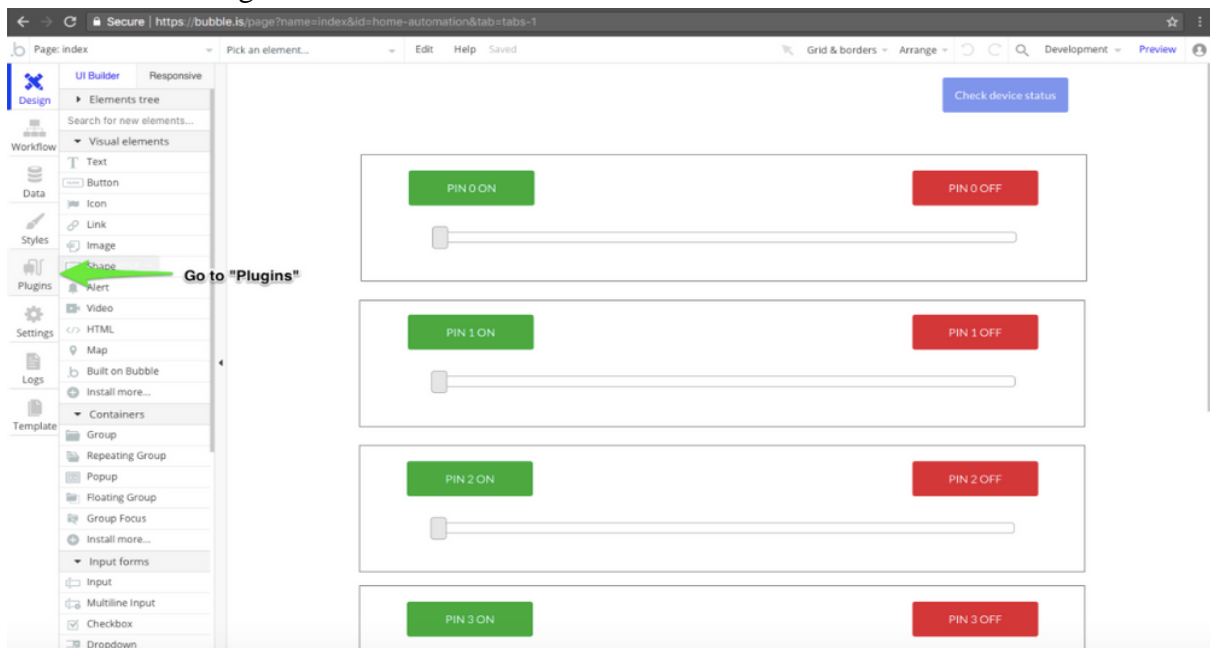
- Provide a unique name for your app.
- Select the template from the drop-down.



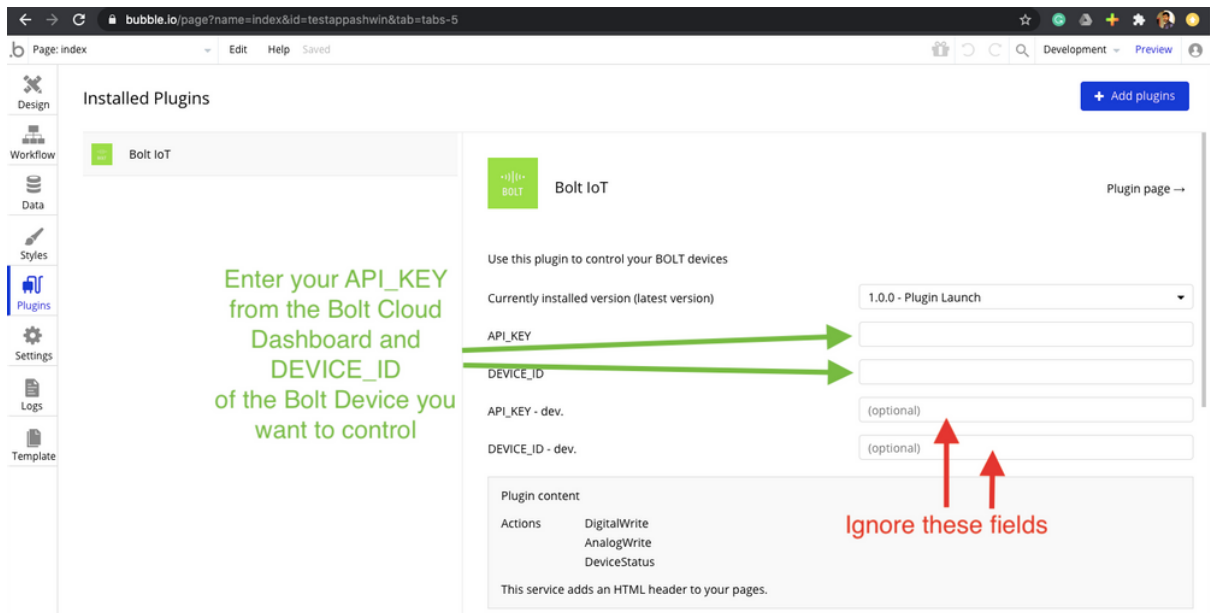
- Close the assistant



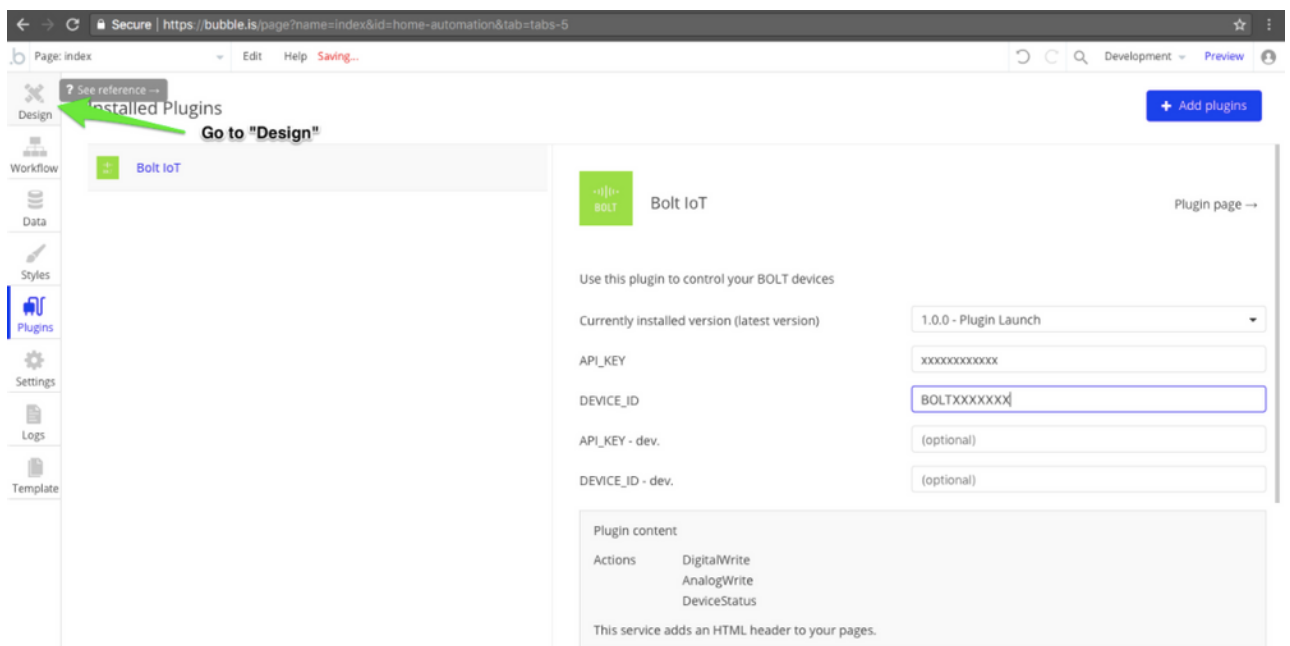
- Go to "Plugins"

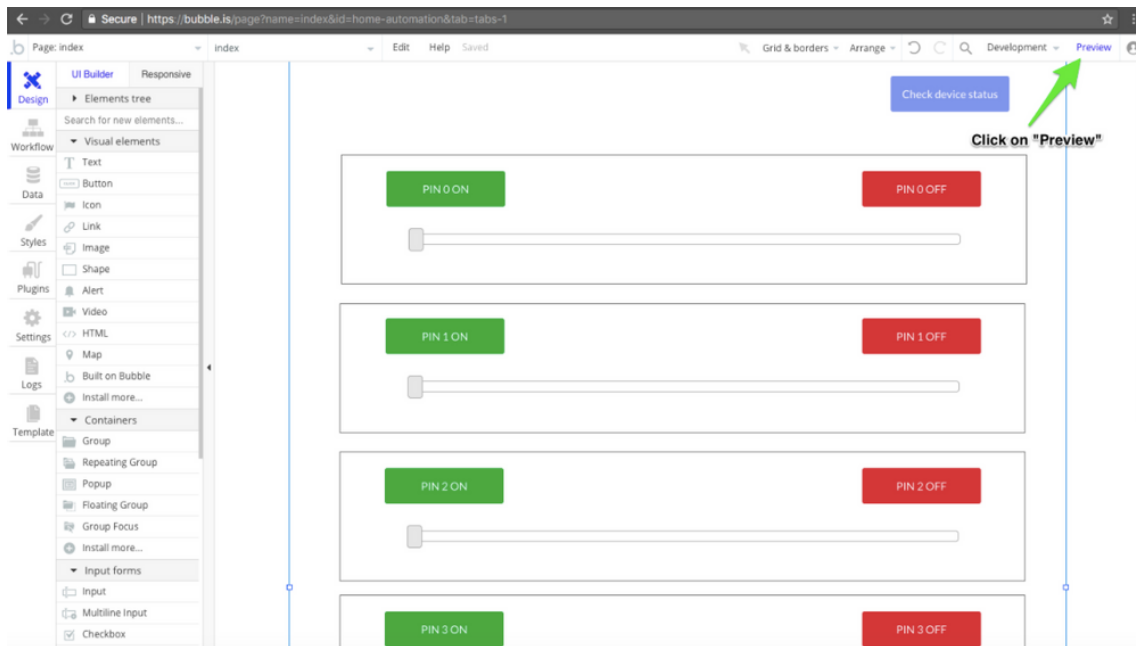


- Provide your API_KEY and DEVICE_ID from your Bolt cloud account.



- Go to "Design"
- Click on "Preview"





Here you can see your app in action.

Power on your Bolt WiFi module and make sure the device is online by going to <https://cloud.boltiot.com/>. Once it is online on the cloud dashboard, then test the following on the preview of your Bubbles app:

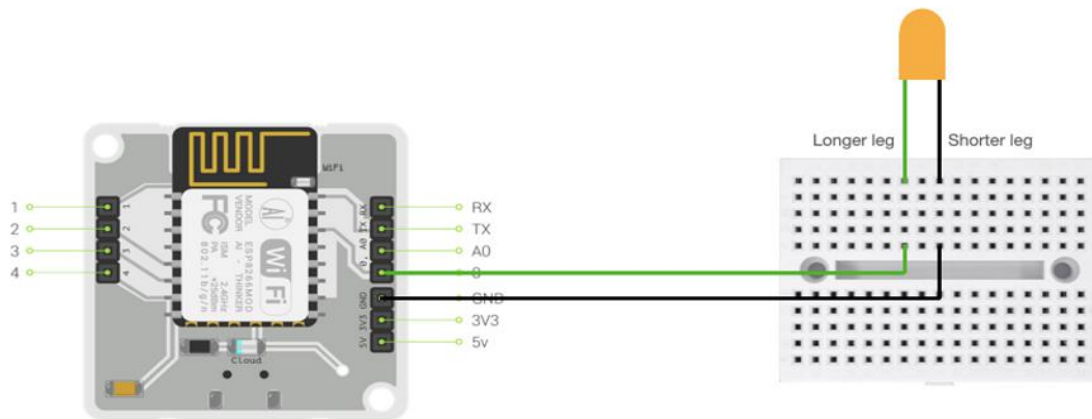
- click on Check device status: You will see that the device is online.



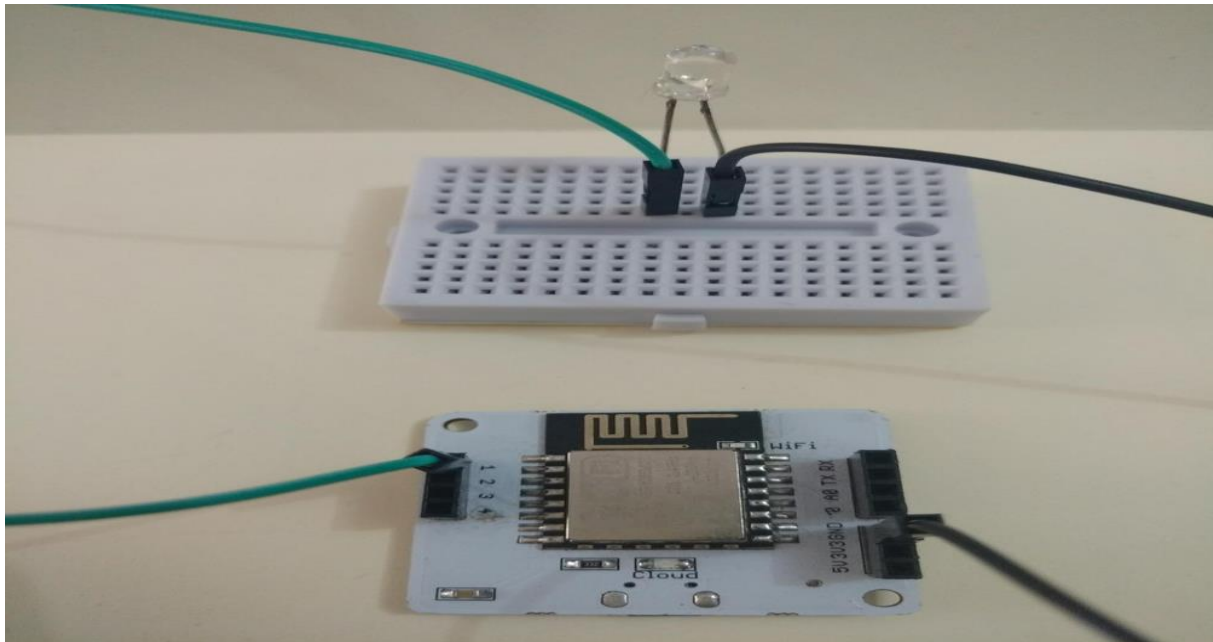
Your device is online

OK

- Test PIN 0 On by connecting a LED to the Bolt module in the following manner:



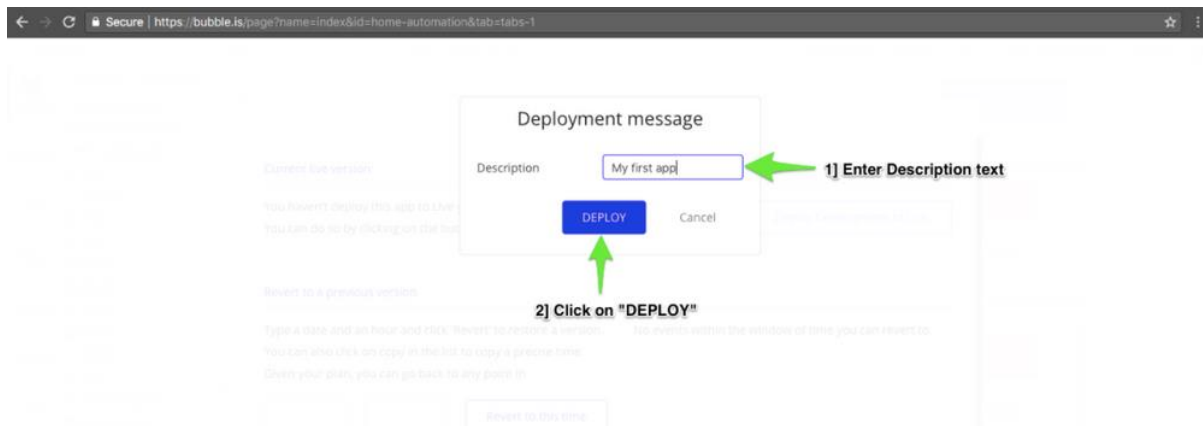
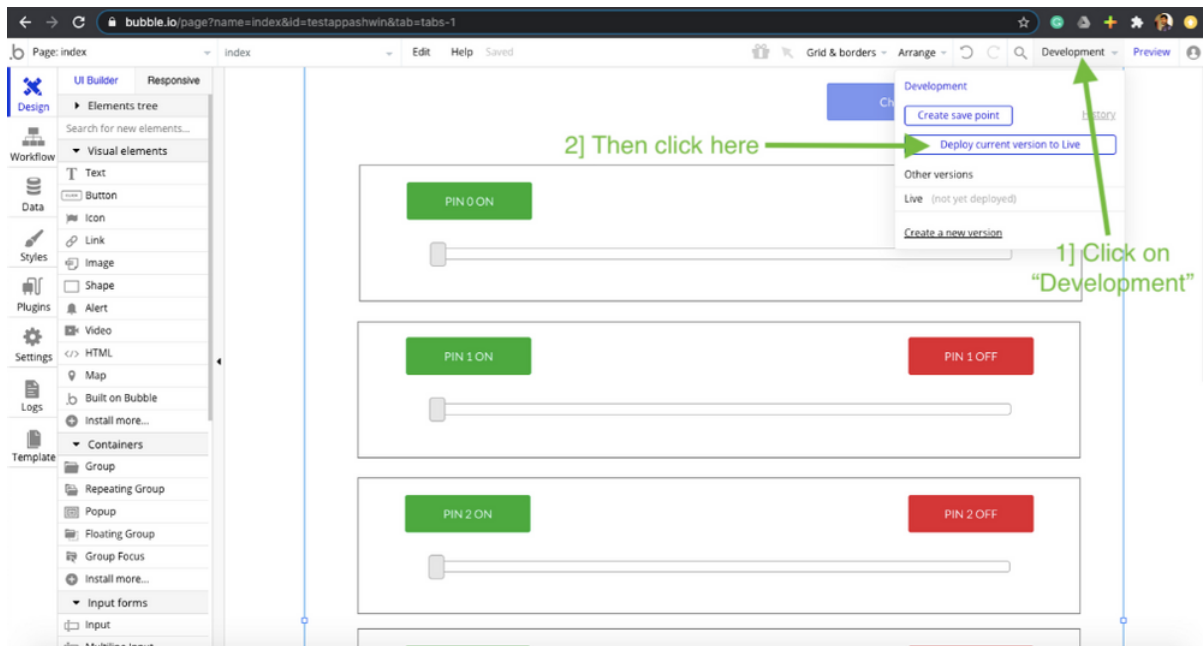
- Test PIN 1 On by connecting a longer leg of the LED to digital 1 of the Bolt module in the following manner:



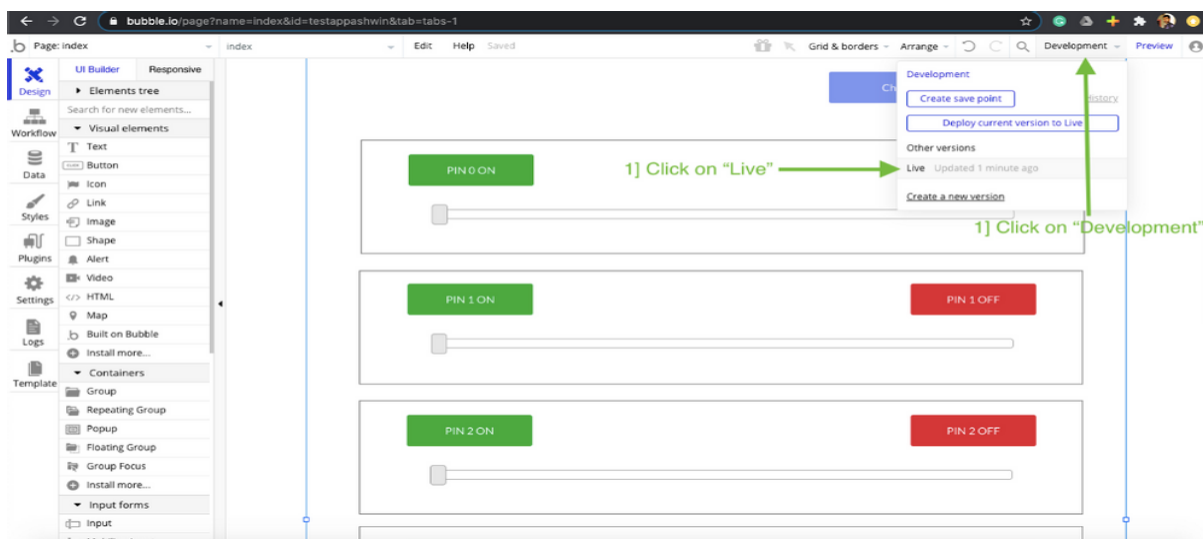
Similarly you can test all the other buttons. Once you have made sure that everything works fine, it is time for the app to go Live.

Deploying the app

- Go to the Design section.
- Click on "Development" next to preview.
- Click on "Deploy current version to Live"



- Click on "Development".
- Click on "Live".
- Go to Preview.



Once you are in the "preview section" of the LIVE app, use the URL to open your app in any device that supports a browser.

