



## Design App UI

Configure in Platform > Design App UI

Version: 20200803

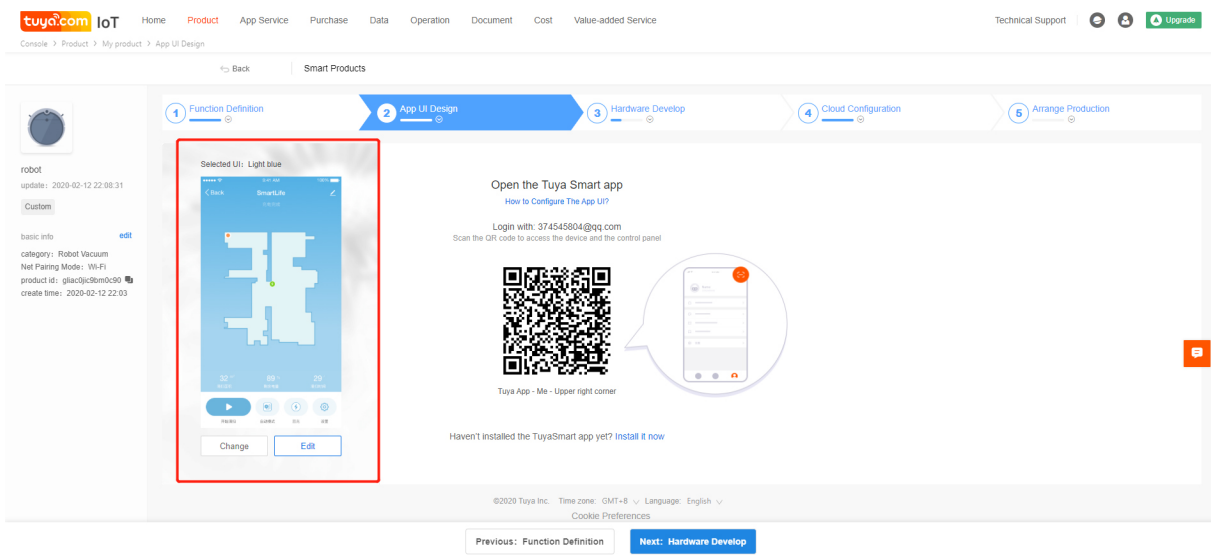
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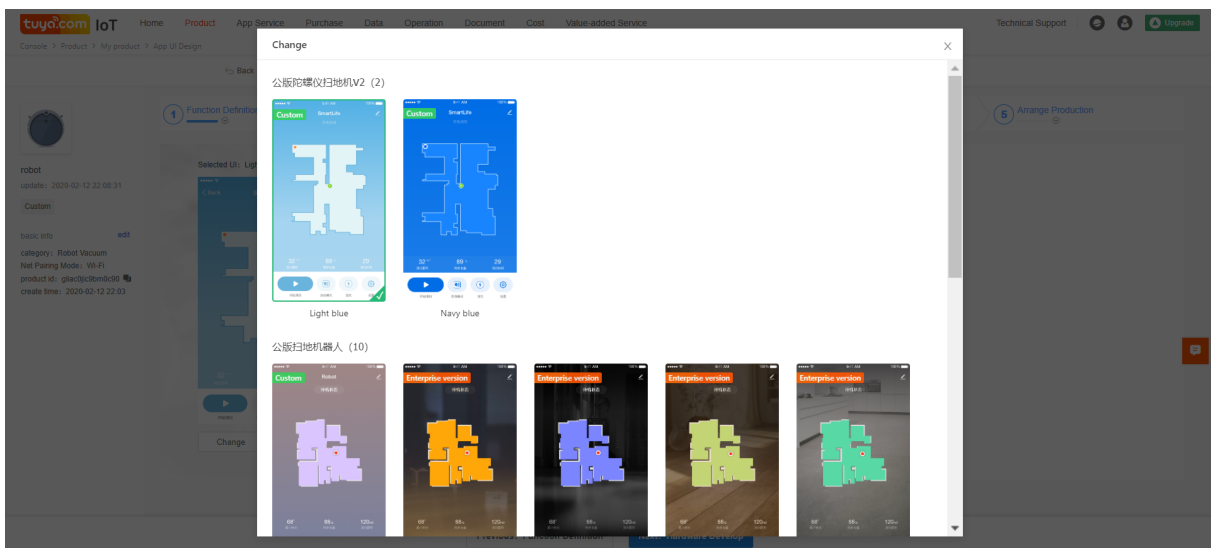
Different interface templates are available for app panel design, including **fixed template**, **custom template**, **DIY template** (app interface generation engine without coding), and **debug template**.

In the **App Panel Design** step of creating product in the IoT Console, you can select the desired template and then edit it.

The configurations supported by each template are different. You can refer to the template introduction for details or scan the QR code with Tuya Smart App to check if current template matches your product.



If you want to change the template, click **Change** and select a new one in the pop-up page. After you click **Apply**, you can scan the QR code and check the interface.



The following interface templates are available:

- Fixed template
- Custom template
- DIY template
- Debug template

## 1 Fixed template

Different fixed templates are provided to adapt to various product categories. They deliver suitable interfaces corresponding to the standard function configuration (such as, enable or disable).



It is recommended to refer to the template introduction and the preview on the app to determine the best interface template for your product. If functions cannot be displayed on the app, check or change the template.

## 2 Custom template

Custom template: after you apply a template, click **Edit** to customize styles. You can modify the interface styles, such as **interface background**, **theme color** and **font color**, and then click **Save**.

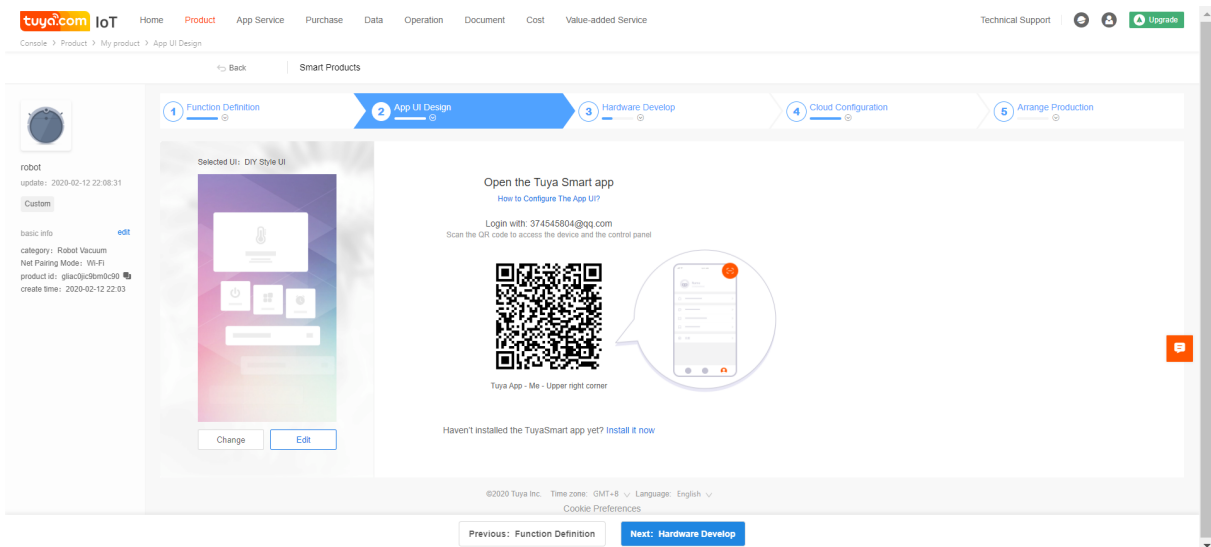
The screenshot shows the 'Interface configuration' page in the Tuya dashboard. The page is divided into three main sections for customization:

- UI interface background:** This section allows users to set the background. It includes a 'Background type' selector with options for 'Background color' and 'Background image'. Under 'Image', there are 'Select image' and 'Image custom upload' tabs. A grid of color swatches is visible. A 'Preview' icon shows the current background.
- Main screen design:** This section is for designing the main screen. It features a 'Preview' icon and a grid of circular design templates. One template with a red circle is currently selected.
- Font color:** This section allows users to set the font color. It includes a 'Color select' row with several color swatches and a 'Custom' color picker showing the hex code #514A44.

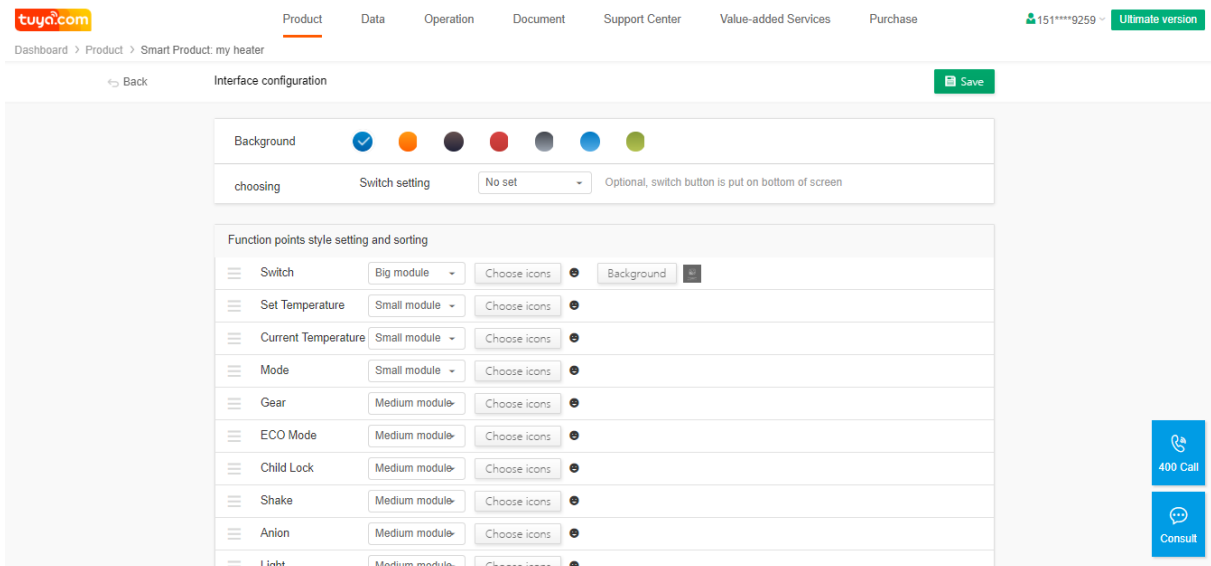
On the right side of the dashboard, there is a QR code for the Tuya Smart App, a '400 Call' button, and a 'Consult' button. At the bottom, there is a footer with copyright information: ©2019 Tuya Inc. Time zone: GMT+8, language: English, and a link to Cookie Preferences.

### 3 DIY template

DIY template: allows you to flexibly set up the app interface. Various styles of component, icon and background are offered to suit different function points. The interface styles can be changed simply by sorting and setting related elements.



After you apply DIY template, click **Edit** to enter the configuration page.



### 3.1 DIY template description

By applying the DIY template, you can set an icon component for each function, and three modules are available for now, big, middle and small module. They will automatically adapt to different function types that have their own rule to send and transmit command.

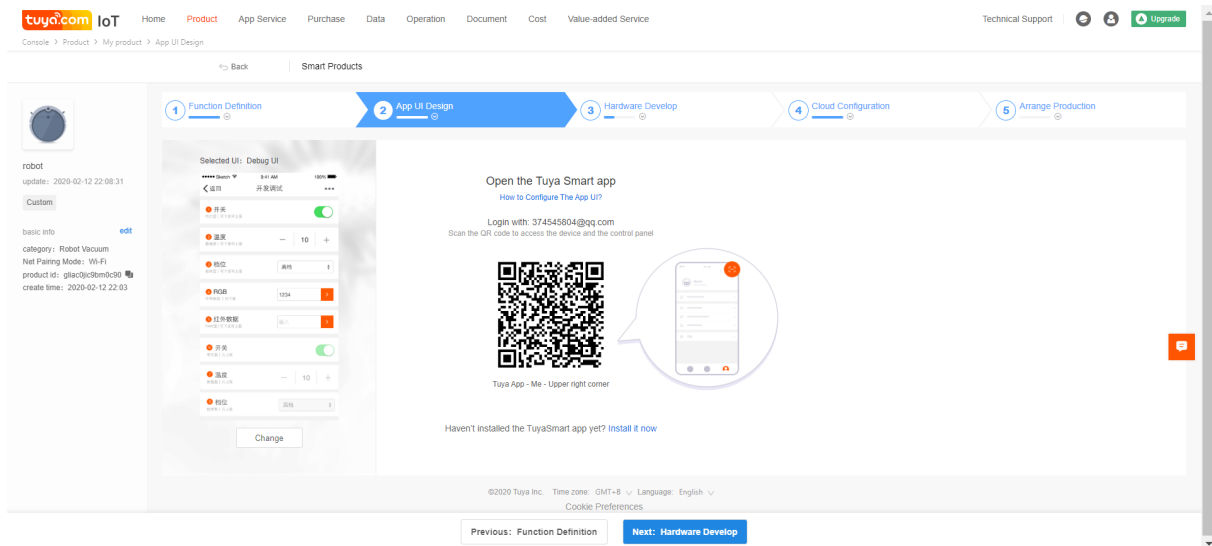
- Background: determine the overall tone of the app interface.
- Switch setting (optional): the Boolean data point is applied to the switch on the app. If you set it, the switch button will be put at the bottom of the interface.
- Function points style setting and sorting: customizes the styles and sorting of function points, and three modules are available for now, big, middle and small module.
- Big module: supports changing background picture and icon.
- Middle module: supports changing icon.
- Small module: supports changing icon.

During DIY template configuration, you need to save the setting first and then preview the interface on the app by scanning the QR code.

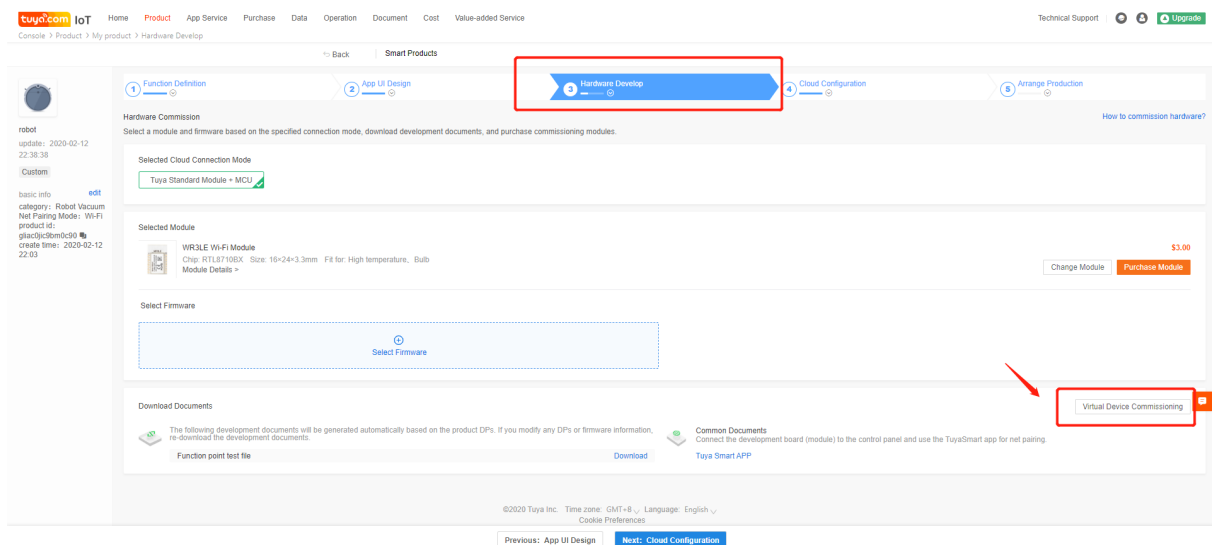


## 4 Debug template

Debug template supports checking communication log. After you apply debug template, click **Next: Hardware Develop**.



Click **Virtual Device Commissioning**, and scan the QR code with Tuya Smart App to proceed online debugging.





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Back    Virtual board

Simulation device exists on Tuya Smart Cloud, used for simulate real hardware device. It could receive command from smartphone as the real device. Even if your hardware device is still under developing, you could conduct APP interface preliminary test.

**my heater**

0.Switch:

1.Set Temper...:

2.Current Tem...:

3.Mode:


4.Gear:


5.ECO Mode:

6.Child Lock:

7.Shake:

8.Anion:





Communication journal:  
[15:29] mqtt connects succssfully!

Check the communication log on the virtual panel. Debug template can also be used for testing your products. It supports displaying all product functions and function types. But it is not recommended to release this debug interface to users.