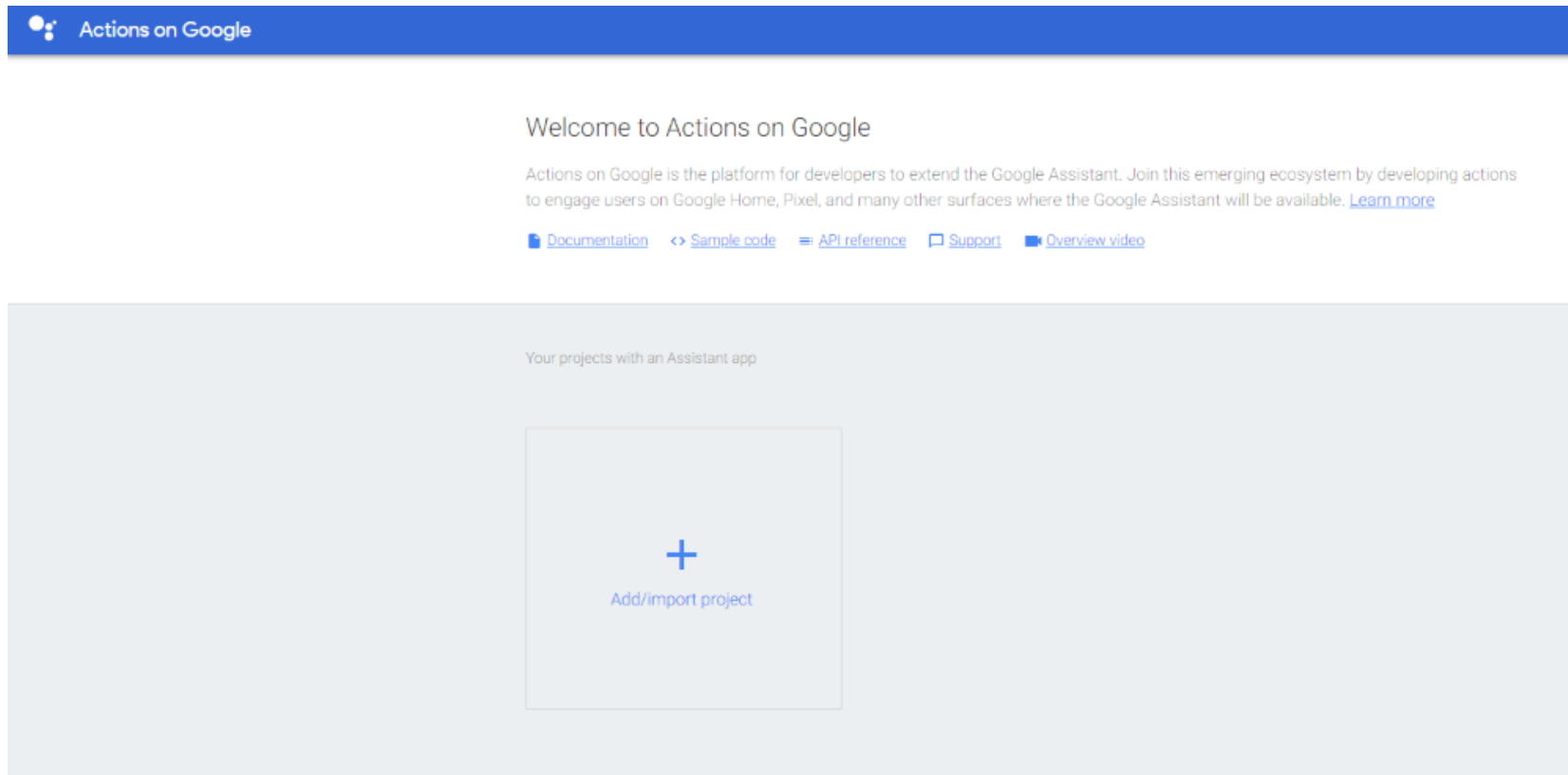


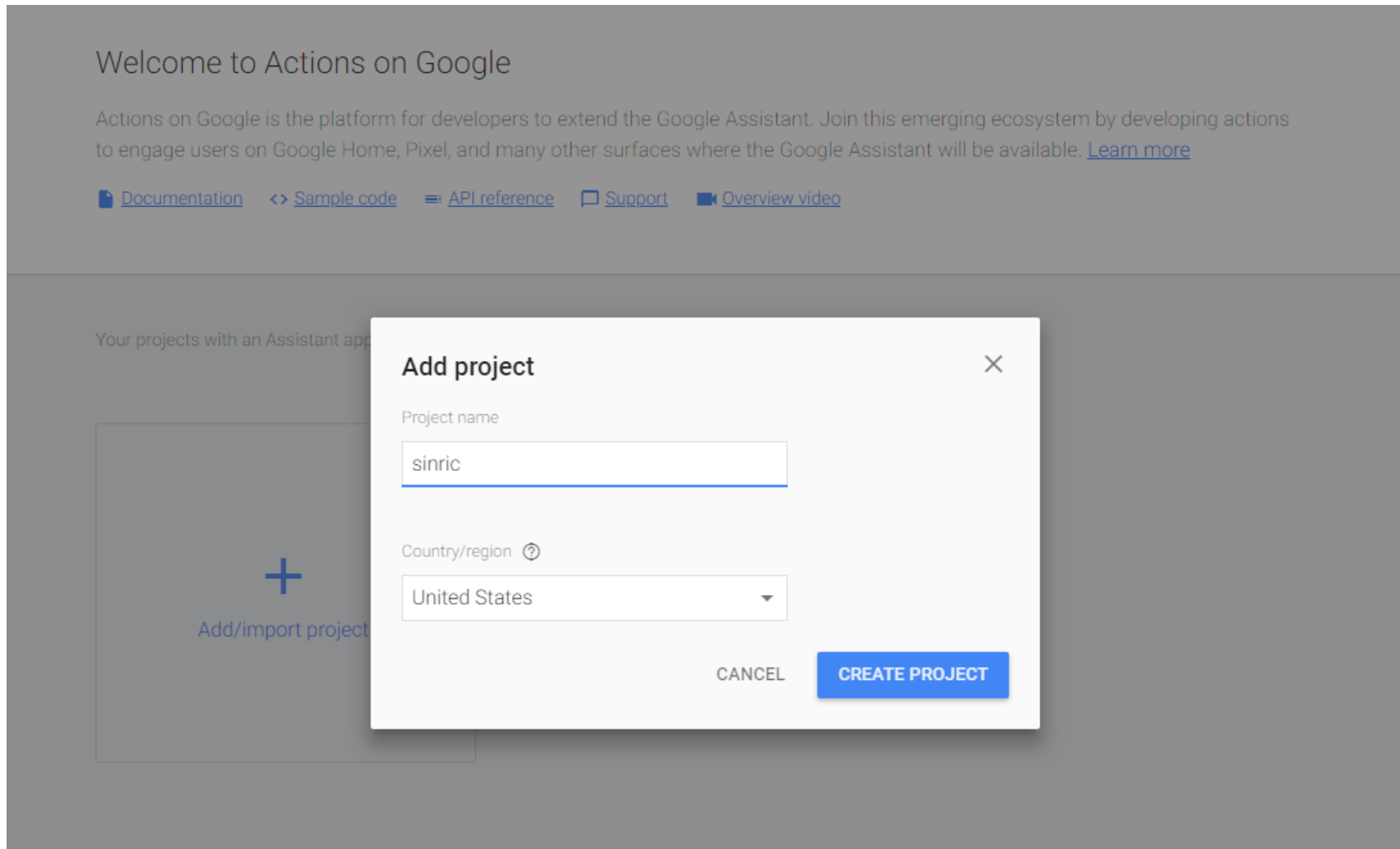
How to setup Google Home For KB Smart Home Automation

1. Create a Sinric.com account if you do not ****have one already
2. Go to <https://console.actions.google.com/>



3. Click Add






4. Name the project Sinric



5. Takes few seconds to create the project

Welcome to Actions on Google

Actions on Google is the platform for developers to extend the Google Assistant. Join this emerging ecosystem by developing actions to engage users on Google Home, Pixel, and many other surfaces where the Google Assistant will be available. [Learn more](#)

 [Documentation](#)  [Sample code](#)  [API reference](#)  [Support](#)  [Overview video](#)

Your projects with an Assistant app



Add/import project

Add project



Project name

sinric

Country/region ⓘ

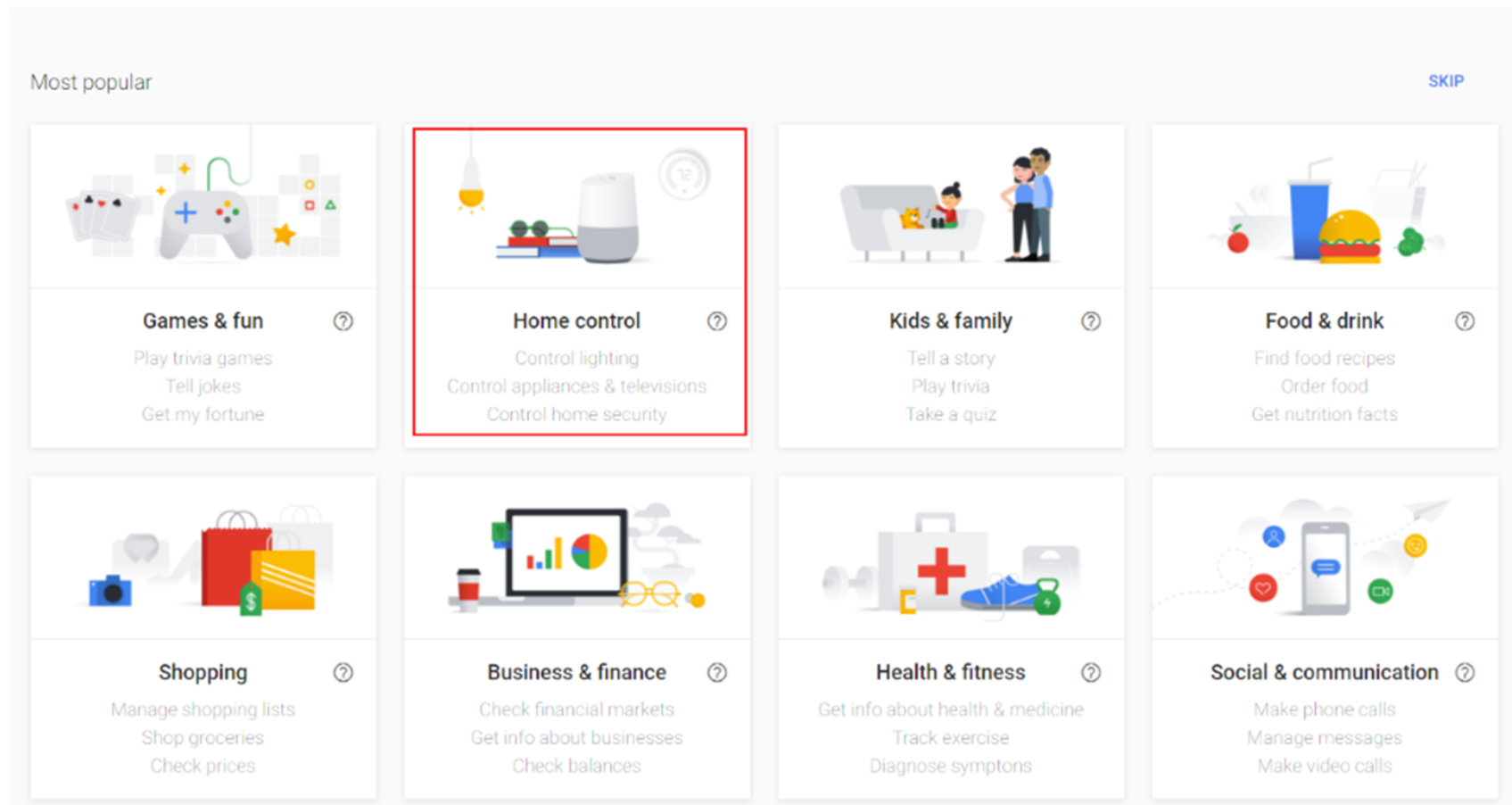
United States

Creating your project. This can take a couple of minutes.

CANCEL

CREATE PROJECT

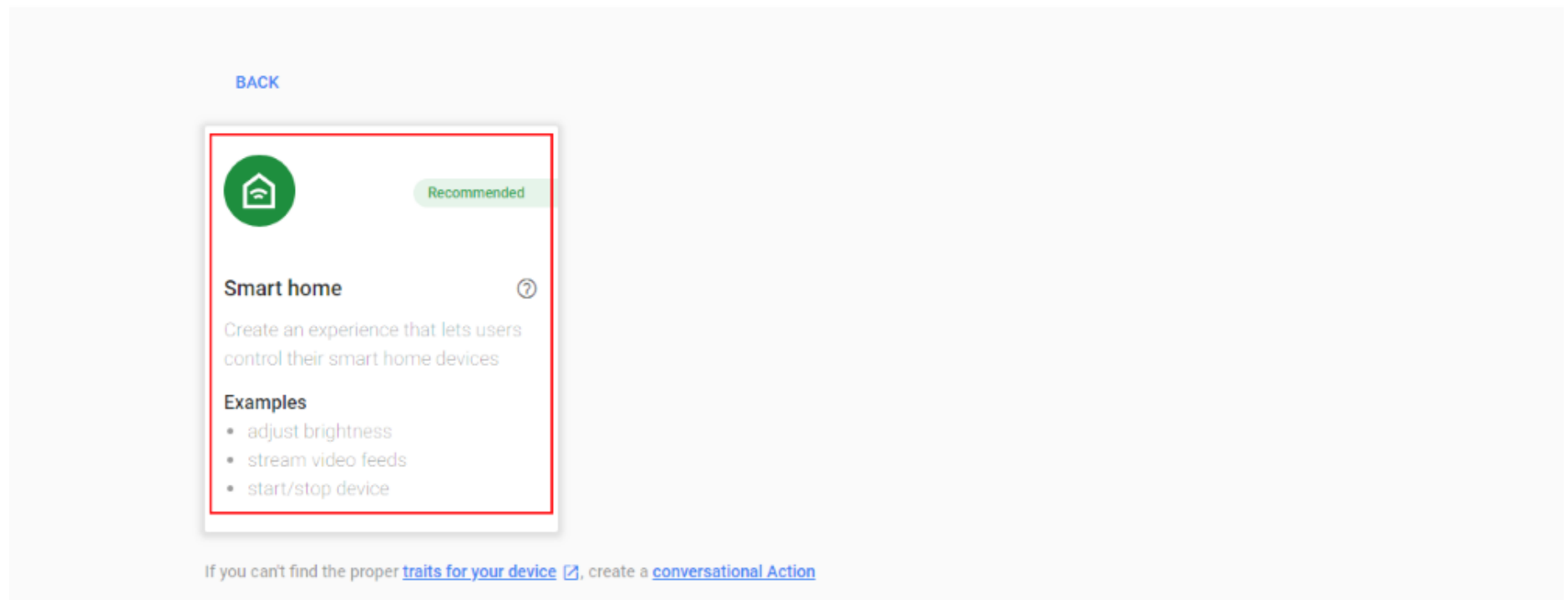
6. Now you are on the home screen. Click Home Control



7. Click Home Control

What type of home control experience would you like to create?

Your selection will help guide you through setting up your project.



8. Click Name your Smart Home Action

Actions on Google

sinric

Overview

Overview

Welcome to your project! This is where you'll be managing your Actions.

English

Last modified today at 10:11 PM

Quick setup

You're almost ready to build your first Action - we just need to set up your invocation first.

→

Name your Smart Home action

→

Setup account linking

Build your Action

Now let's get to work! Follow these steps to build your first Action and test it out in the simulator.

Get ready for deployment

Before you create a release, let's check if you have all the information ready.

Release

✓

You have not created a release for the current draft.

SETUP

Language

Invocation

BUILD

Actions

Theme customization

TEST

Simulator

DEPLOY

Directory information

Location targeting

Surface capabilities

Release

MEASURE

Analytics

ADVANCED OPTIONS

Active

English ▼

Last modified today at 10:11 PM

Quick setup



You're almost ready to build your first Action - we just need to set up your invocation first.

→ Name your Smart Home action

→ Setup account linking

Build your Action



Now let's get to work! Follow these steps to build your first Action and test it out in the simulator.

Get ready for deployment



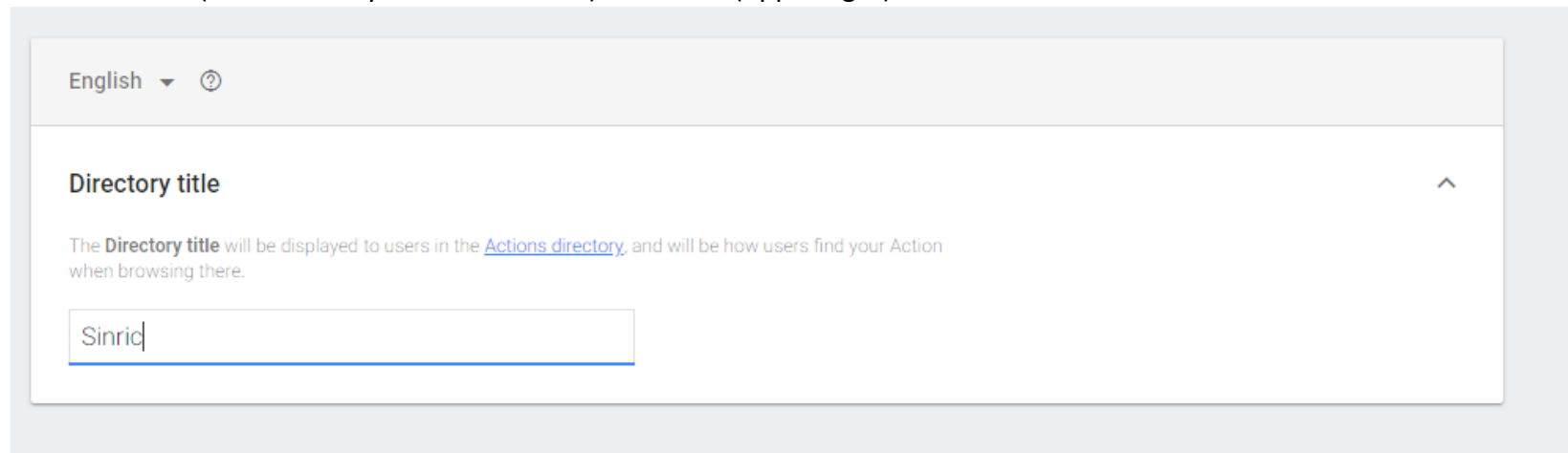
Before you create a release, let's check if you have all the information ready.

Release



✓ You have not created a release for the current draft.

9. Name it Sinric. (or whatever you want to call it) Click Save (upper right)



The screenshot shows a web interface for configuring a directory title. At the top, there is a header bar with the text 'English' followed by a downward arrow and a question mark icon. Below this, the main content area has a title 'Directory title' in bold, with an upward arrow icon to its right. A descriptive text below the title states: 'The **Directory title** will be displayed to users in the [Actions directory](#), and will be how users find your Action when browsing there.' At the bottom, there is a text input field containing the word 'Sinric'.

10. Click "Setup Account Linking"

English ▾

Last modified today at 10:11 PM

Quick setup

You're almost ready to build your first Action - we just need to set up your invocation first.



→ Name your Smart Home action

→ Setup account linking

Build your Action

Now let's get to work! Follow these steps to build your first Action and test it out in the simulator.



Get ready for deployment

Before you create a release, let's check if you have all the information ready.



Release

✓ You have not created a release for the current draft.



11. Select No

The screenshot shows a settings dialog with a light gray border. On the left, a vertical line with circular markers indicates the current step is 1, 'Account creation', and the next step is 2, 'Linking type'. The 'Account creation' section has two radio button options. The first option, 'Yes, allow users to sign up for new accounts via voice', is unselected. The second option, 'No, I only want to allow account creation on my website', is selected and highlighted with a red rectangular border. Below this option is a smaller line of text: 'Select this option if you want to display your terms of service or obtain user consents during sign-up.' Below the options is a blue 'NEXT' button. At the bottom right of the dialog are two buttons: 'CANCEL' and 'SAVE'.

1 Account creation

☐ Yes, allow users to sign up for new accounts via voice

☒ No, I only want to allow account creation on my website
Select this option if you want to display your terms of service or obtain user consents during sign-up.

NEXT

2 Linking type

CANCEL **SAVE**

12. Select OAuth and Authorization Code

✓ Account creation

2 Linking type

OAuth

Authorization code

NEXT

3 Client information


4 Configure your client (optional)

5 Testing instructions

CANCEL SAVE

13. Copy Client ID and Client Secret from Sinric website

Hi

 Your API Key

Keep your API key secure

xxxxxxxxxxxxxxxxxxxxxx

COPY

Smart Home Device

You can link with Amazon Alexa or Google Home

Click on Add button to create a smart home device

Add

Google Home

How to integrate with Google Home [here](#)

Client ID : xxxxxxxxxxxxxxxxx

Client Secret : xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx


Google HomeGraph API Key (Optional)

xx

Generate Keys

Save API Key

Your devices

 fan (Switch)

Device ID : xxxxxxxxxxxxxxxxx

fan

Test

14. Paste it accordingly and click next Note: If you have not generated keys already, click Generate button to generate keys



Account creation



Linking type

OAuth, Grant type: Authorization code



Client information

Client ID issued by your Actions to Google ?

Client ID from from sinric.com

Client secret ?

Client secret from sinric.com

Authorization URL ?

Token URL ?

BACK

NEXT



Configure your client (optional)

- Authorization URL: <https://google.sinric.com/oauth>
- Token URL: <https://google.sinric.com/token>

15. Enter user. Click next

✓ Account creation

✓ Linking type
OAuth, Grant type: Authorization code

✓ Client information
Client ID: xxxxxxxxxxxx, Authorization url: https://google.sinric.com/oauth

4 **Configure your client (optional)**

Scopes ?

user

ADD SCOPE

BACK NEXT

5 Testing instructions

CANCEL SAVE

16. Enter test. Click Save



Account creation



Linking type

OAuth, Grant type: Authorization code



Client information

Client ID: xxxxxxxxxxxx, Authorization url: https://google.sinric.com/oauth



Configure your client (optional)

1 scope set up

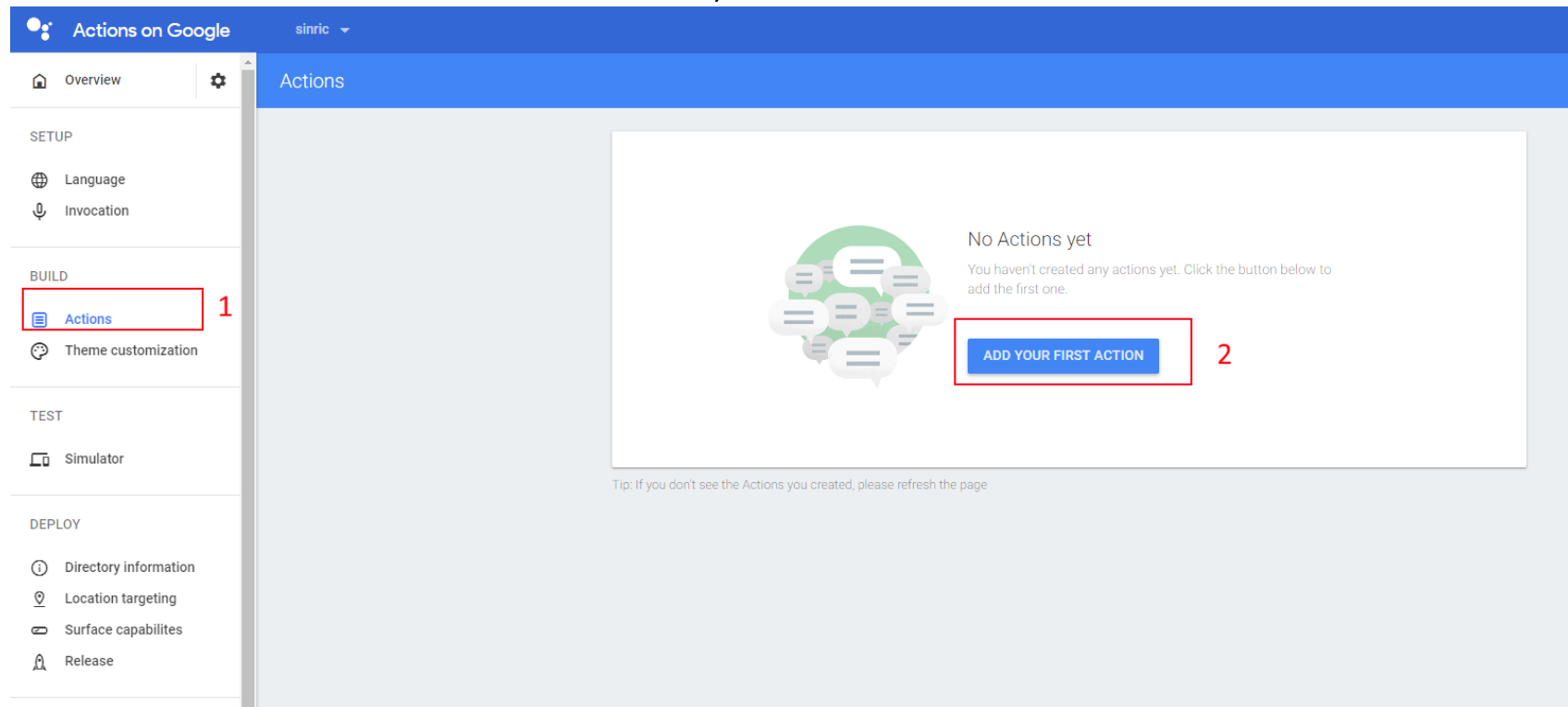


Testing instructions

Your Actions require account linking so you must provide a username and password for a test account. Please make sure that any provided accounts are not real user accounts. This information will only be used by the review team, and will not be visible to users.

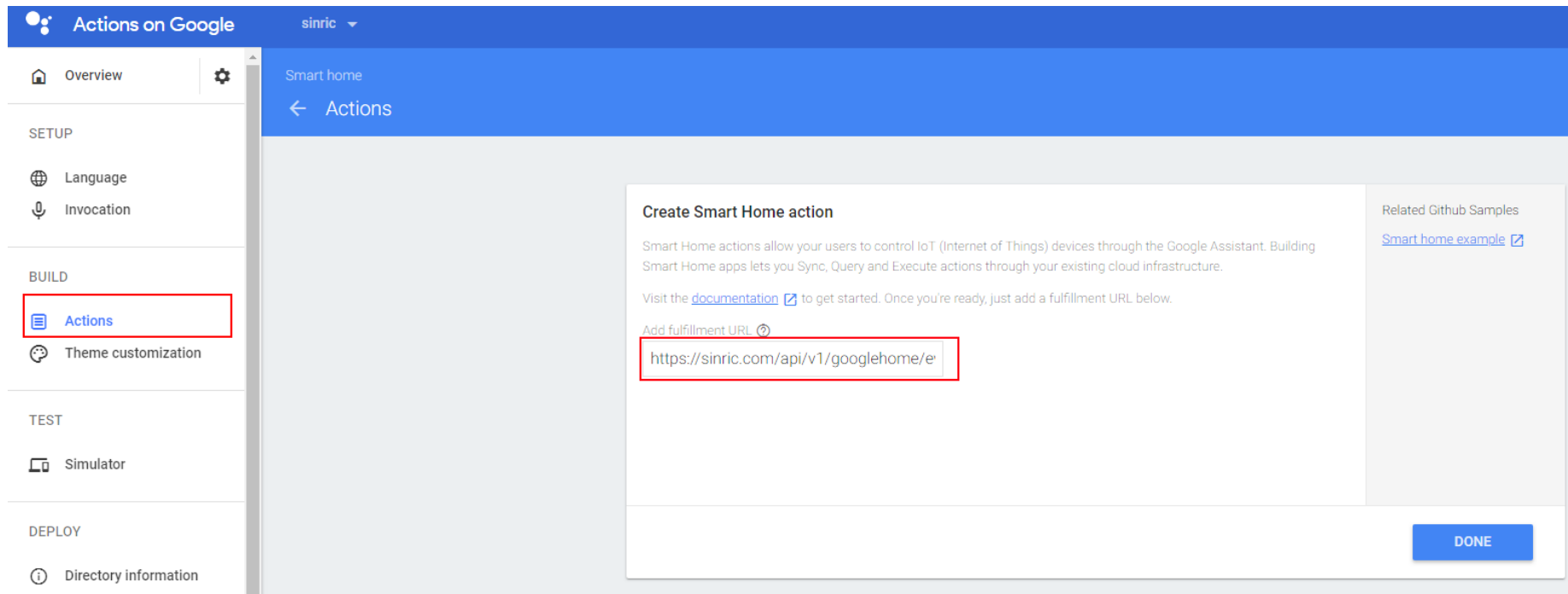
[BACK](#)

17. Select Actions under Build from left hand menu. Click Add your first action



18. Enter: <https://sinric.com/api/v1/googlehome/event>

- Click Done.



19. Go back to "Account Linking" and click Test. This is very important. Otherwise, action does not appear in the app

- This will deploy and now you can start testing

20. Open your Google Home mobile app. If you do not have it you must install it. Click Settings and select Works with Google



My Home

Link Netflix X



Lights



Media



Call Home



Settings

Balcony

4 devices



Balcony lights

Turn on



Balcony FAN

Bedroom

8 devices



My Home

Link Netflix X



Lights



Media



Call Home



Settings

Balcony

4 devices



Balcony lights

Turn on



Balcony FAN

Bedroom

8 devices





Home settings



Household



Rooms and groups

Features



Notifications



Digital wellbeing

Services



Video



Music



Podcasts



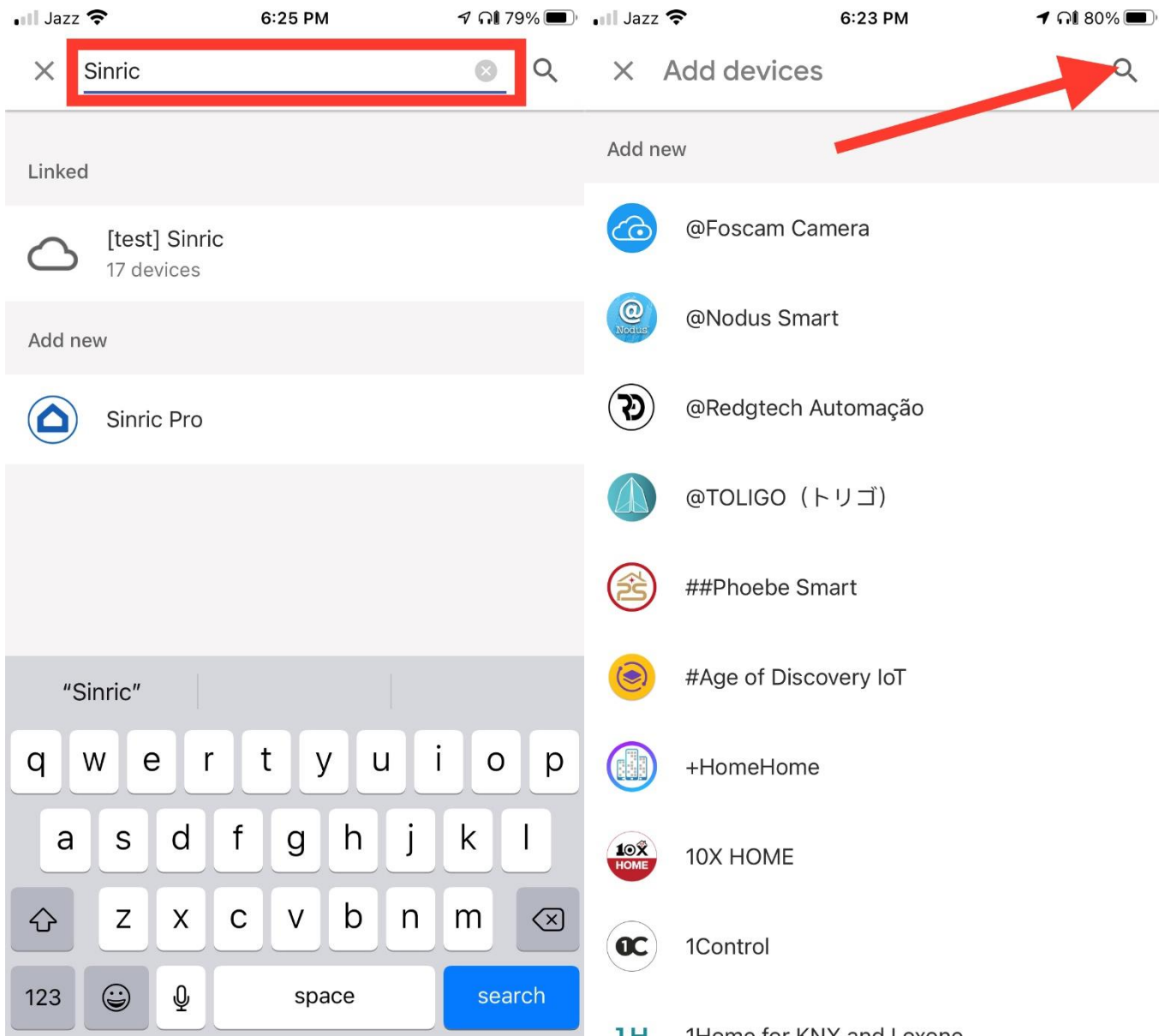
Communication



Notes and lists



Works with Google



X Sinric



Linked



[test] Sinric
17 devices

Add new



Sinric Pro



[test] Sinric is linked

21. Now you should see Sinric (or the name of the action you entered earlier)
22. Click on Sinric. Use your sinric.com credentials to log in.

Done



Welcome to Sinric ❤️ Google Home Integration

Enter your Sinric.com login details

Email *

Password *

Login



23. Click Login. Now you should be presented with link successful message.

24. **If you receive redirect error.** Click Done.

"401. That's an error. Your client does not have permission to the requested URL
/services/auth/handoffs/auth/complete?state=[removed for security
reasons]&code=GkVB27sY&return_url=comgoogleopa://settings/handoff. That's all we know. "

25. Solution 1. Link again then you will see success message.

26. Solution 2. iOS Home Screen -> Settings -> Safari -> Tap "Clear History and Website Data" and try again.

27. Here is how to connect and control example for ESP

devices. https://github.com/kakopappa/sinric/blob/master/arduino_examples/google_home_switch_example.ino

28. **Google Home Graph.** Every time when you add a new device or remove an existing device in Sinric, Sinric must notify the Google about the change via "Request Sync" command. For Sinric to contact Google it requires an API key from Google.

29. Goto <https://developers.google.com/actions/smarthome/develop/request-sync>

Without this when you add or remove a device you must sync in order to see the change you made in the Google Home app to do that

- You must unlink the account and relink the account.
- You can ask Google Home to sync e.g.,: "hey, google sync my devices"