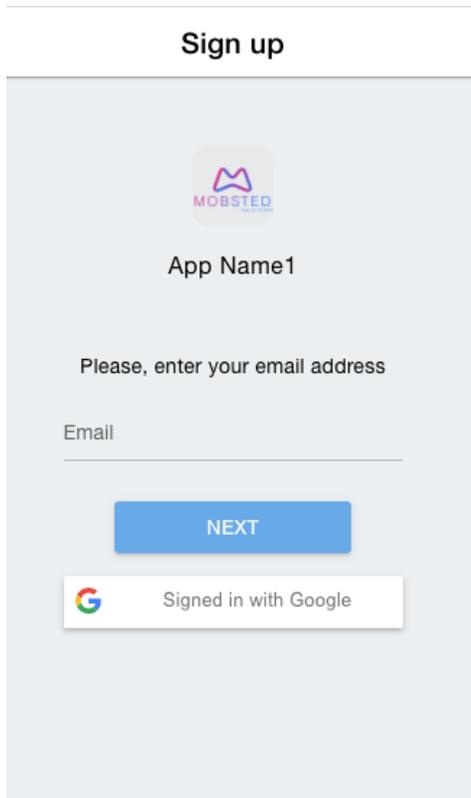


# Use Google Authentication of users

This functionality allows using Google's SSO service to register and/or login users into your applications. More SSO connectors are coming soon.

- [1. Important Notes](#)
- [2. Creating a Google Auth account](#)
- [3. Adding Google Auth to Mobsted](#)
  - [1. Turn on Google Auth for the app](#)
  - [2. Add Google auth to any existing users in the app](#)

Here is an example of how the login page will look in this case:



## 1. Important Notes

**NOTE 1** - If your company uses Google as an email provider, you will be able to use this service within your domain.

**NOTE 2** - We provide a default Google auth account, free of charge, however, if you want to use your own email to control all auth, follow the instruction below.

**NOTE 3** - Mobsted platform allows not just registering new users with their Google accounts (as it is done with most systems), but also to ADD this auth type to EXISTING users, so they can log in quickly without using any SMS or email or passcodes.

## 2. Creating a Google Auth account

1) Login into your Google account, which will be used to provide auth service

2) Create a new Google API project here - <https://console.cloud.google.com/apis/dashboard>

Application Security

**Common Access Link**

Show QR code

https://way2.su/o/YB30

**Who can access this service:**

Anyone without registration

Anyone after registration and authentication

Only those added by me

**How to authenticate who is login in:**

Email with the Code (Email is set in Objects)

SMS with the Code (Phone is set in Objects)

Choose timeout to input the confirmation code.

1 min

Authentication will be dropped after 1 month, by default.

Set another lifetime

External ID

Google

Active Directory

**Google "Web application" tokens**

Client ID  
default

Client secret  
.....

Save google tokens

3) Name your project and click Create

## New Project

 You have 10 projects remaining in your quota. Request an increase or delete projects. [Learn more](#)

[MANAGE QUOTAS](#)

Project name \*  
My Project 68513

Project ID: eternal-trees-317111. It cannot be changed later. [EDIT](#)

Location \*  
 No organization

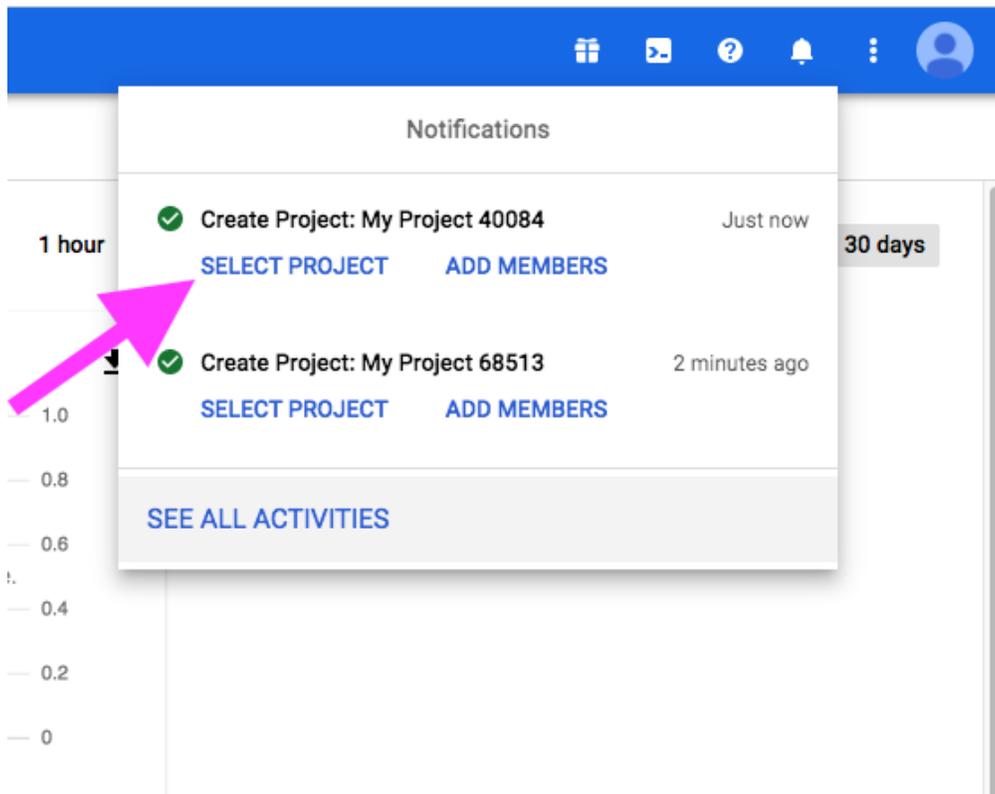
[BROWSE](#)

Parent organization or folder

[CREATE](#)

[CANCEL](#)

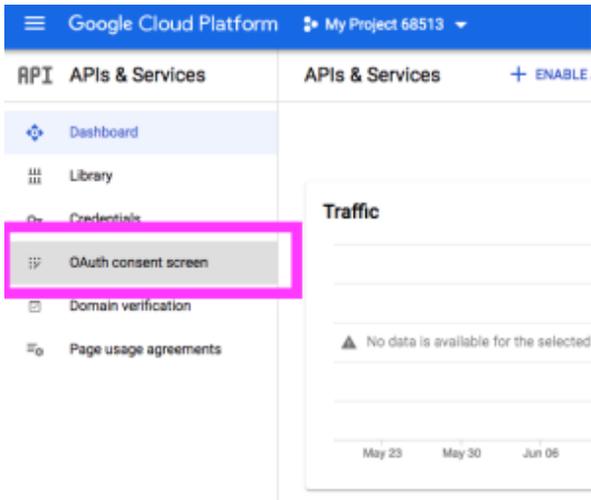
4) Select the project you have just created



The screenshot shows the Google Cloud Platform interface with a 'Notifications' panel open. The panel lists two notifications for project creation. The second notification, 'Create Project: My Project 68513', is selected and highlighted. A pink arrow points to the 'SELECT PROJECT' link in this notification. The 'Notifications' panel also includes a 'SEE ALL ACTIVITIES' link at the bottom. The background shows a navigation bar with icons for home, chat, help, notifications, and user profile, and a sidebar with a search bar and a list of items.

Time	Notification	Time Ago	Actions
1 hour	✓ Create Project: My Project 40084	Just now	<a href="#">SELECT PROJECT</a> <a href="#">ADD MEMBERS</a>
1.0	✓ Create Project: My Project 68513	2 minutes ago	<a href="#">SELECT PROJECT</a> <a href="#">ADD MEMBERS</a>

5) Open the OAuth consent screen section



6) Make your choice between Internal and External usage. Internal is only for users from YOUR GOOGLE DOMAIN, say if your company uses Google as an email provider. Internal is quicker to publish and needs no verification.

### OAuth consent screen

Choose how you want to configure and register your app, including your target users. You can only associate one app with your project.

#### User Type

Internal [?](#)

Only available to users within your organization. You will not need to submit your app for verification. [Learn more](#)

External [?](#)

Available to any test user with a Google Account. Your app will start in testing mode and will only be available to users you add to the list of test users. Once your app is ready to push to production, you may need to verify your app. [Learn more](#)

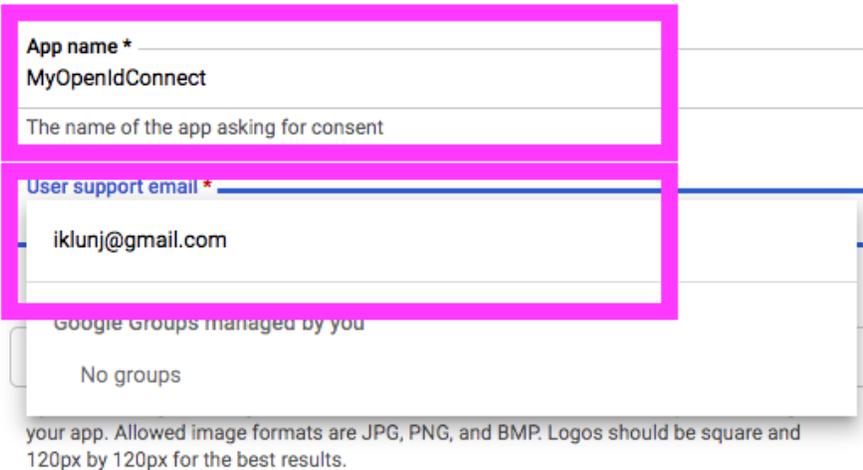
[CREATE](#)

[Let us know what you think](#) about our OAuth experience

7) Fill in the information required by Google - with the App name and your company's support email

## App information

This shows in the consent screen, and helps end users know who you are and contact you



App name \*  
MyOpenIdConnect  
The name of the app asking for consent

User support email \*  
iklunj@gmail.com

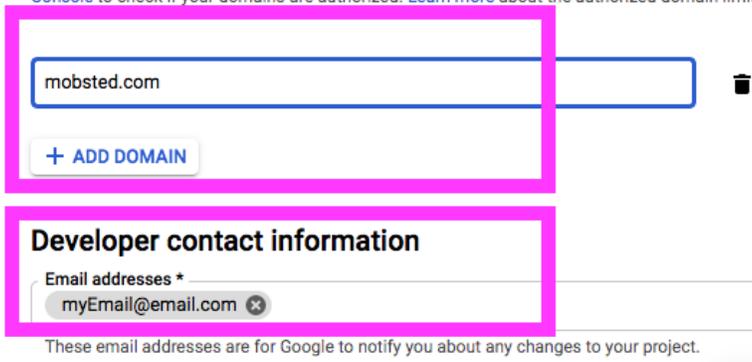
Google Groups managed by you  
No groups

your app. Allowed image formats are JPG, PNG, and BMP. Logos should be square and 120px by 120px for the best results.

8) Add Mobsted.com as an authorized domain and your email as the developer's email

### Authorized domains ?

When a domain is used on the consent screen or in an OAuth client's configuration, it must be pre-registered here. If your app needs to go through verification, please go to the [Google Search Console](#) to check if your domains are authorized. [Learn more](#) about the authorized domain limit.



mobsted.com

+ ADD DOMAIN

### Developer contact information

Email addresses \*  
myEmail@email.com

These email addresses are for Google to notify you about any changes to your project.

9) Go to the next step - Scopes (marked red) and click the button "Add or Remove Scopes", marked green

## Edit app registration

1 OAuth consent screen — **2 Scopes** — 3 Test users — 4 Summary

Scopes express the permissions you request users to authorize for your app and allow your project to access specific types of private user data from their Google Account. [Learn more](#)

ADD OR REMOVE SCOPES

10) Choose **ONLY** the following scopes, then do "Update" selected scopes and "Save" to continue.

- ".../auth/userinfo.email"
- ".../auth/userinfo.profile"
- "openid"

### Update selected scopes

Only scopes for enabled APIs are listed below. To add a missing scope to this screen, find and enable the API in the [Google API Library](#) or use the Pasted Scopes text box below. Refresh the page to see any new APIs you enable from the Library.

Filter Enter property name or value

	API	Scope	User-facing description
<input checked="" type="checkbox"/>		.../auth/userinfo.email	See your primary Google Account email address
<input checked="" type="checkbox"/>		.../auth/userinfo.profile	See your personal info, including any personal info you've made publicly available
<input checked="" type="checkbox"/>		openid	Associate you with your personal info on Google
<input type="checkbox"/>	BigQuery API	.../auth/bigquery	View and manage your data in Google BigQuery
<input type="checkbox"/>	BigQuery API	.../auth/cloud-platform	See, edit, configure, and delete your Google Cloud Platform data
<input type="checkbox"/>	BigQuery API	.../auth/bigquery.readonly	View your data in Google BigQuery
<input type="checkbox"/>	BigQuery API	.../auth/cloud-platform.read-only	View your data across Google Cloud Platform services

11) Skip the following step - Test users, by pressing "Save and Continue", **marked red**, then skip Summary by pressing "Back to Dashboard", **marked magenta**

## Edit app registration

OAuth consent screen — Scope — **3 Test users** — Summary

### Test users

While publishing status is set to "Testing", only test users are able to access the app. Allowed user cap prior to app verification is 100, and is counted over the entire lifetime of the app. [Learn more](#)

+ ADD USERS

Filter Enter property name or value

User information

No rows to display

SAVE AND CONTINUE

CANCEL

### Scopes

EDIT

API ↑	Scope	User-facing description
	.../auth/userinfo.email	See your primary Google Account email address
	.../auth/userinfo.profile	See your personal info, including any personal info you've made publicly available
	openid	Associate you with your personal info on Google

### Test users

EDIT

0 users (0 test, 0 other) / 100 user cap

Filter Enter property name or value

User information

No rows to display

BACK TO DASHBOARD

12) Open the "Credentials" section, [green](#), in Dashboard and press "+ Create Credentials", [red](#), and then "OAuth client ID" [blue](#)

Google Cloud Platform My Project 68513

API APIs & Services OAuth consent screen

Dashboard  
Library  
**Credentials**  
Domain verification  
Page usage agreements

MyOpenIdConnect EDIT APP

Publishing status  
Testing  
PUBLISH APP

User type  
External

Credentials + CREATE CREDENTIALS DELETE

Create credentials to access your project

API Keys

- Name  
No API keys to display

OAuth 2.0 Client IDs

- Name  
Creation date ↓  
No OAuth clients to display

Service Accounts

- Email  
No service accounts to display

API key  
Identifies your project using a simple API key to check quota and access

OAuth client ID  
Requests user consent for your app to access the user's data

Service account  
Enables server-to-server, app-level authentication using robot accounts

Help me choose  
Asks a few questions to help you decide which type of credential to use

13) Set application type as Web Application , marked magenta, and give this application any name for your internal reference, marked blue

## ← Create OAuth client ID

A client ID is used to identify a single app to Google's OAuth servers. If your app runs on multiple platforms, each will need its own client ID. See [Setting up OAuth 2.0](#) for more information.

Application type \*

Web application

[Learn more about OAuth client types](#)

Name \*

Web client 1

This name is only used to identify the client in the console and will not be shown to end users.



The domains of the URIs you add below will be automatically added to your [OAuth consent screen](#) as [authorized domains](#).

### Authorized JavaScript origins

For use with requests from a browser

URIs \*

https://mytenant.mobsted.com

+ ADD URI

### Authorized redirect URIs

For use with requests from a web server

+ ADD URI

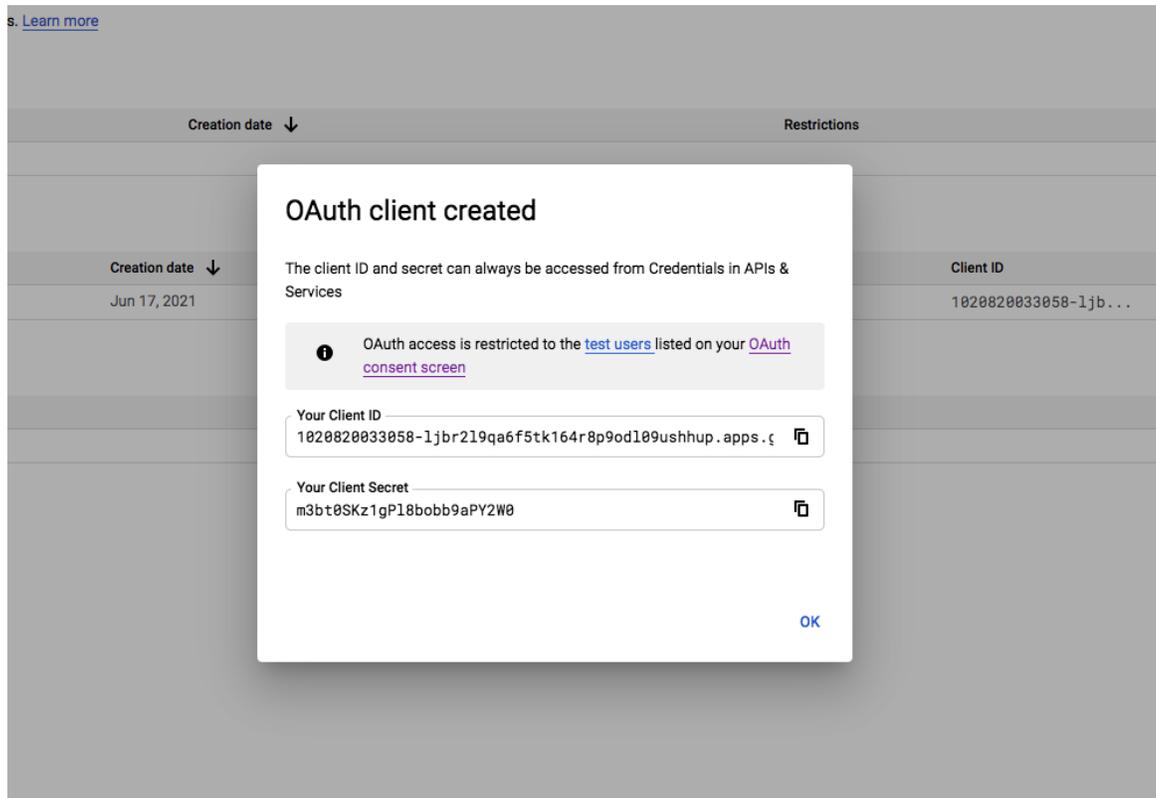
CREATE

CANCEL

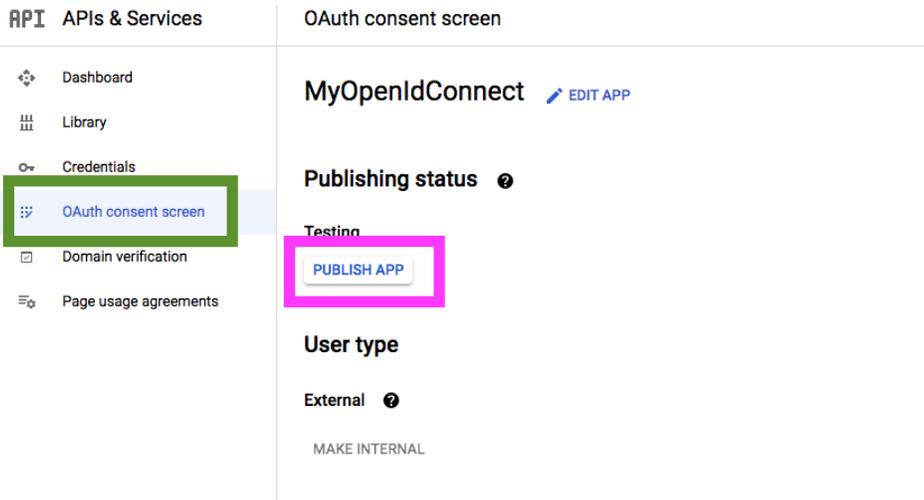
Place in your Mobsted account's full domain name **marked red** , and add the second one if you are branding apps to your own subdomains using CNAMEs, with the right subdomain name.

Press CREATE button, marked **green** .

14) Copy and save "Your Client ID" and "Secret" keys to a notebook.



15) Go to "OAuth consent screen", marked **green** , and press "Publish App", marked **magenta** , then press Confirm, marked **blue**



## Push to production?

Your app will be available to any user with a Google Account.

You do not need to submit your app for verification. If you change your app's configuration in the future, like adding more than 10 domains, uploading a logo, or requesting sensitive or restricted scopes, you will need to [submit for verification](#).

CANCEL

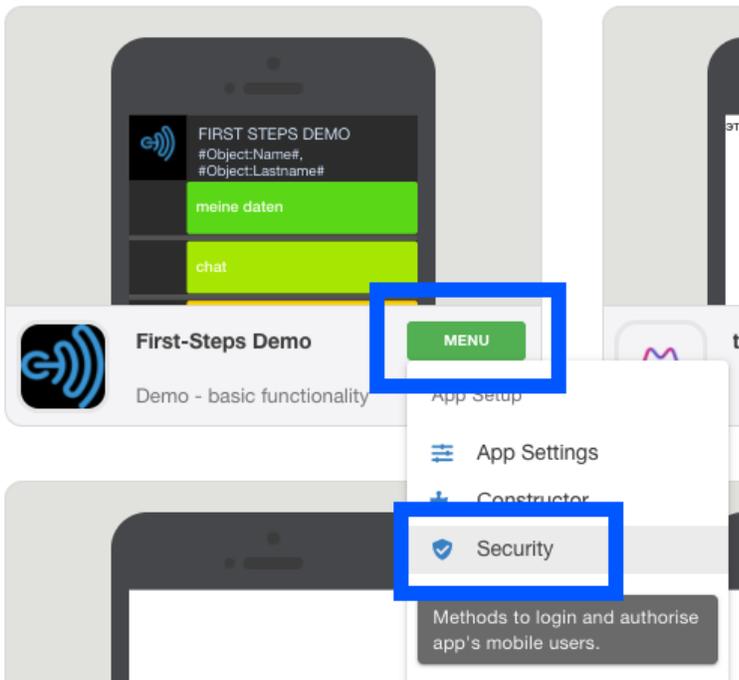
CONFIRM

### 3. Adding Google Auth to Mobsted

#### 1. Turn on Google Auth for the app

1) Open Security settings of the application, where you want to have Google Auth, you can do it from the home screen (marked blue) or from the App's top menu.

## All Applications



2) On the Security page check the box "External ID" and select Google in it - **top red box** , this will open a new section below, please input an ID and Secret tokens - bottom **magenta box** , which you copied on Step 2-14 above, from your Google account.

# Application Security

## Common Access Link

Show QR code

https://way2.su/oYB30

## Who can access this service:

- Anyone without registration
- Anyone after registration and authentication
- Only those added by me

## How to authenticate who is login in:

- Email with the Code (Email is set in Objects)
- SMS with the Code (Phone is set in Objects)

Choose timeout to input the confirmation code.

1 min

Authentication will be dropped after 1 month, by default.

Set another lifetime

- External ID
- Google
- Active Directory

## Google "Web application" tokens

Client ID

default

Client secret

.....

Save google tokens

**PRESS SAVE- Green button .**

 **NOTE**

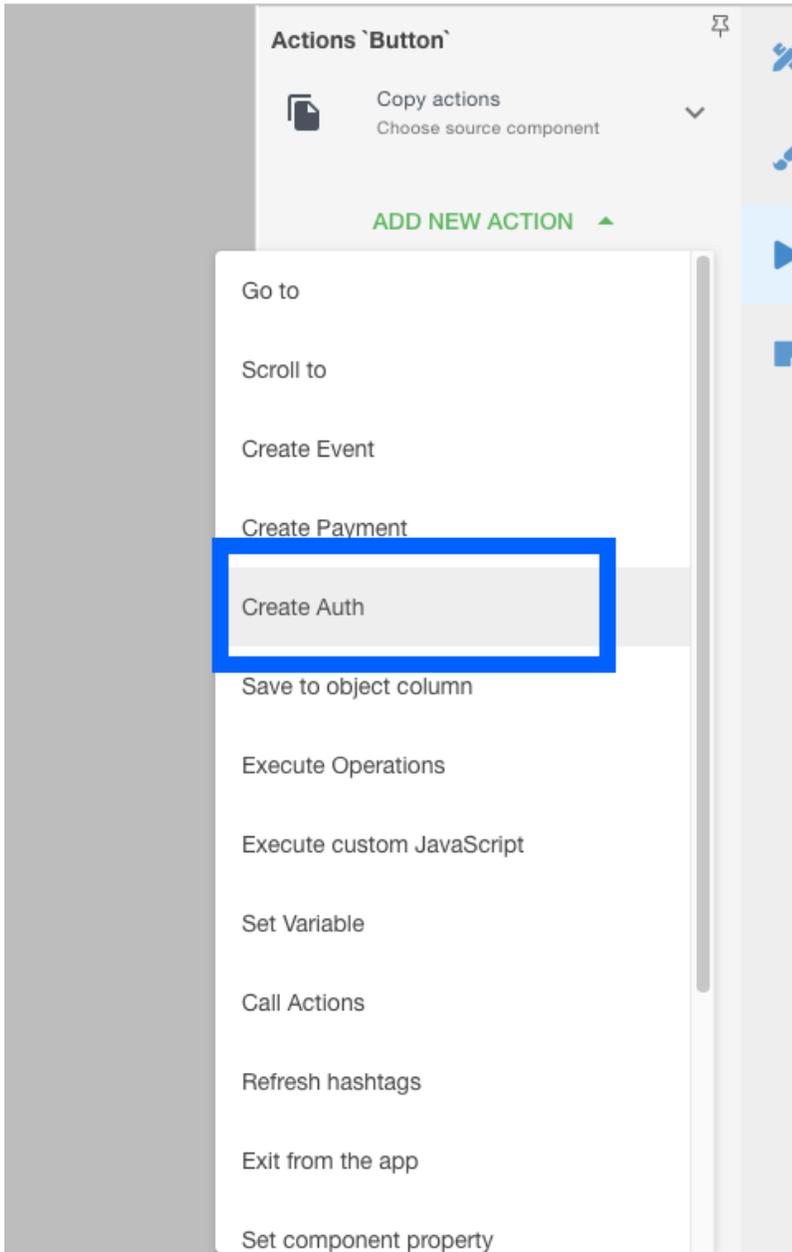
External ID is an additional option for users to register or log in quicker. You still need to have a phone number or email to make sure users can recover their accounts later without using the Google SSO.

If you only need to register new users with Google, then that's it.

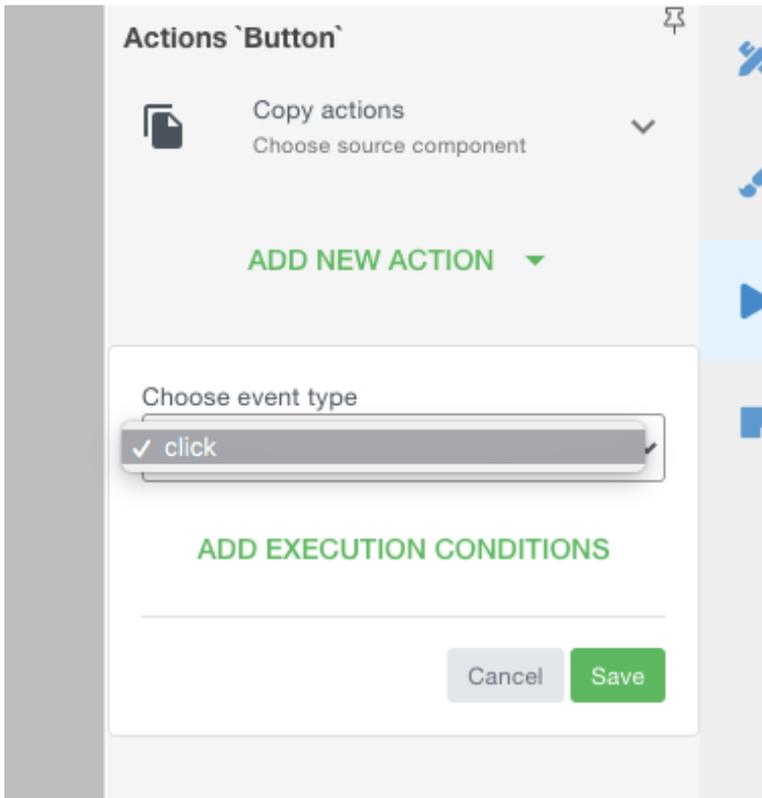
## 2. Add Google auth to any existing users in the app

You can request or offer users to ADD a google account at any time while browsing your app. This is done using actions, which can be called on any component with actions.

1) Inside the Constructor panel - Choose a component, which will call up Google's auth prompt and add an action to it.



2) The Action will only work on Click. You can also add execution conditions if needed.



**i** NOTE

Our system allows changing Google accounts for the same user in Mobsted. So if a user clicks on the action creating the connection he/she will be able to connect to another Google account. So if you do not want this, set condition checking if a google account already exists for this user, or do not use this function at all.

If you do not use this Action, sign up and login pages will be the only place to connect a Google account, and no ability to change will exist.