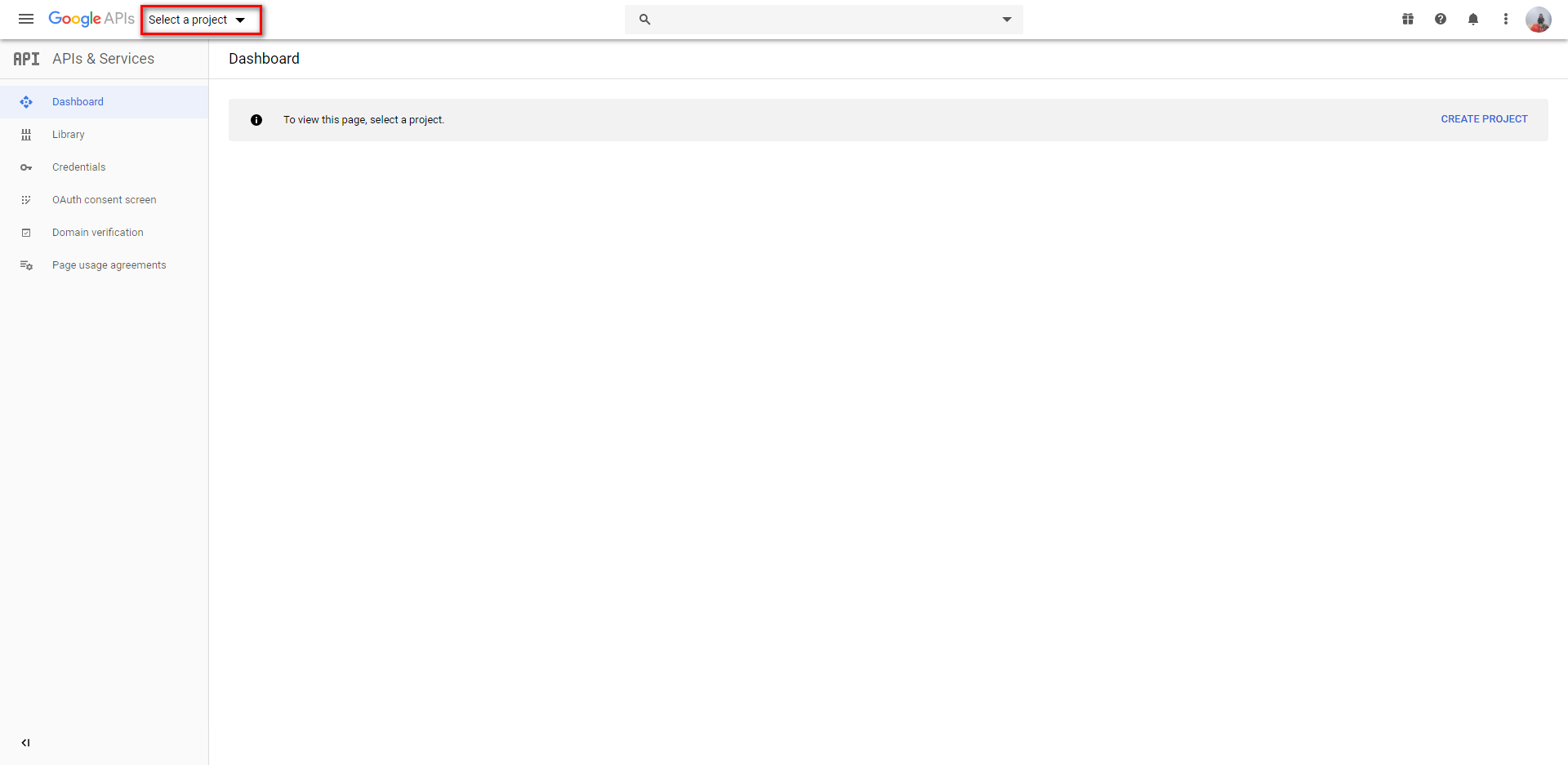
Access website below:

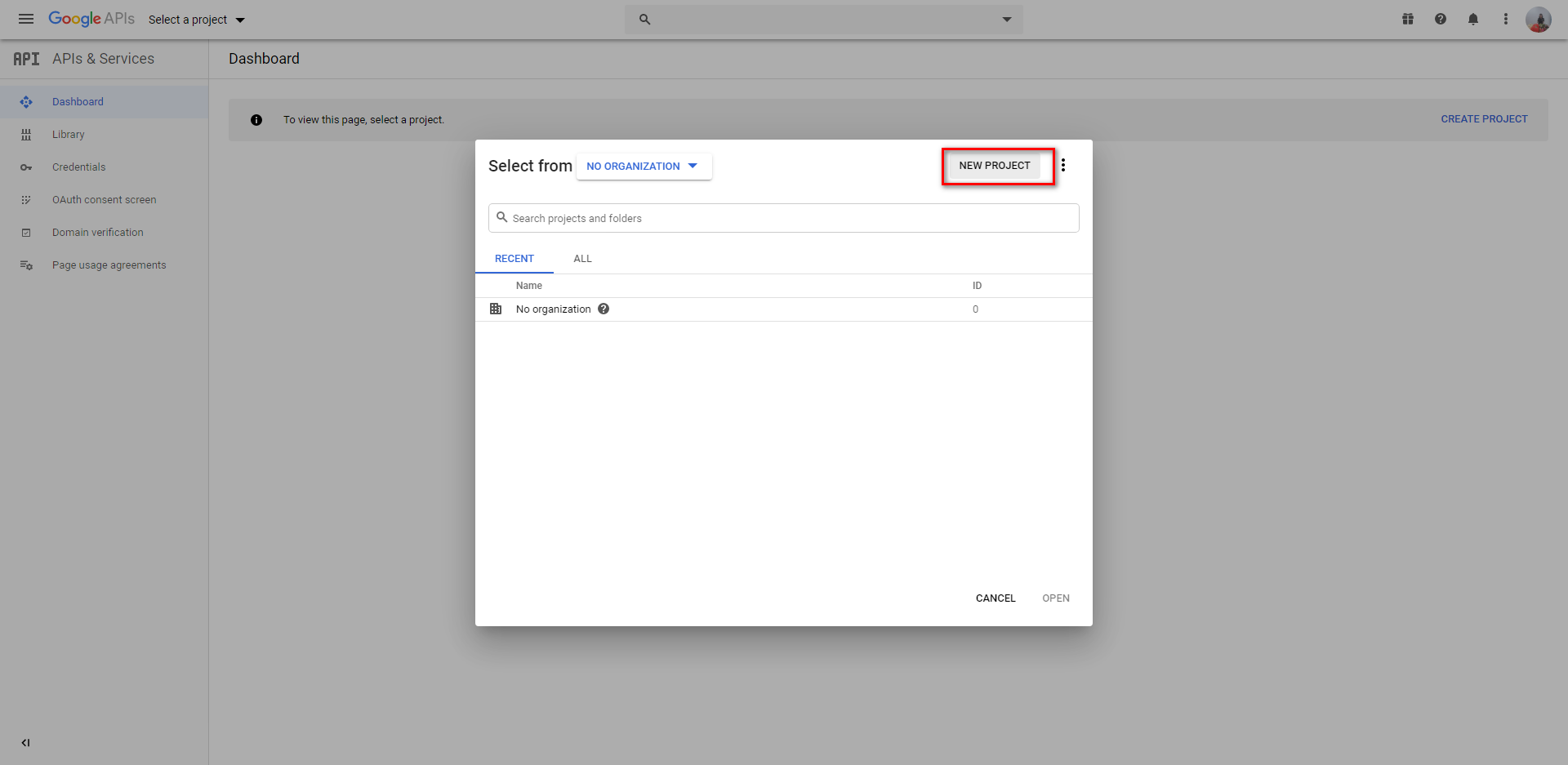
<https://console.developers.google.com/projectselector2/apis/dashboard?authuser=2&supportedpurview=project>

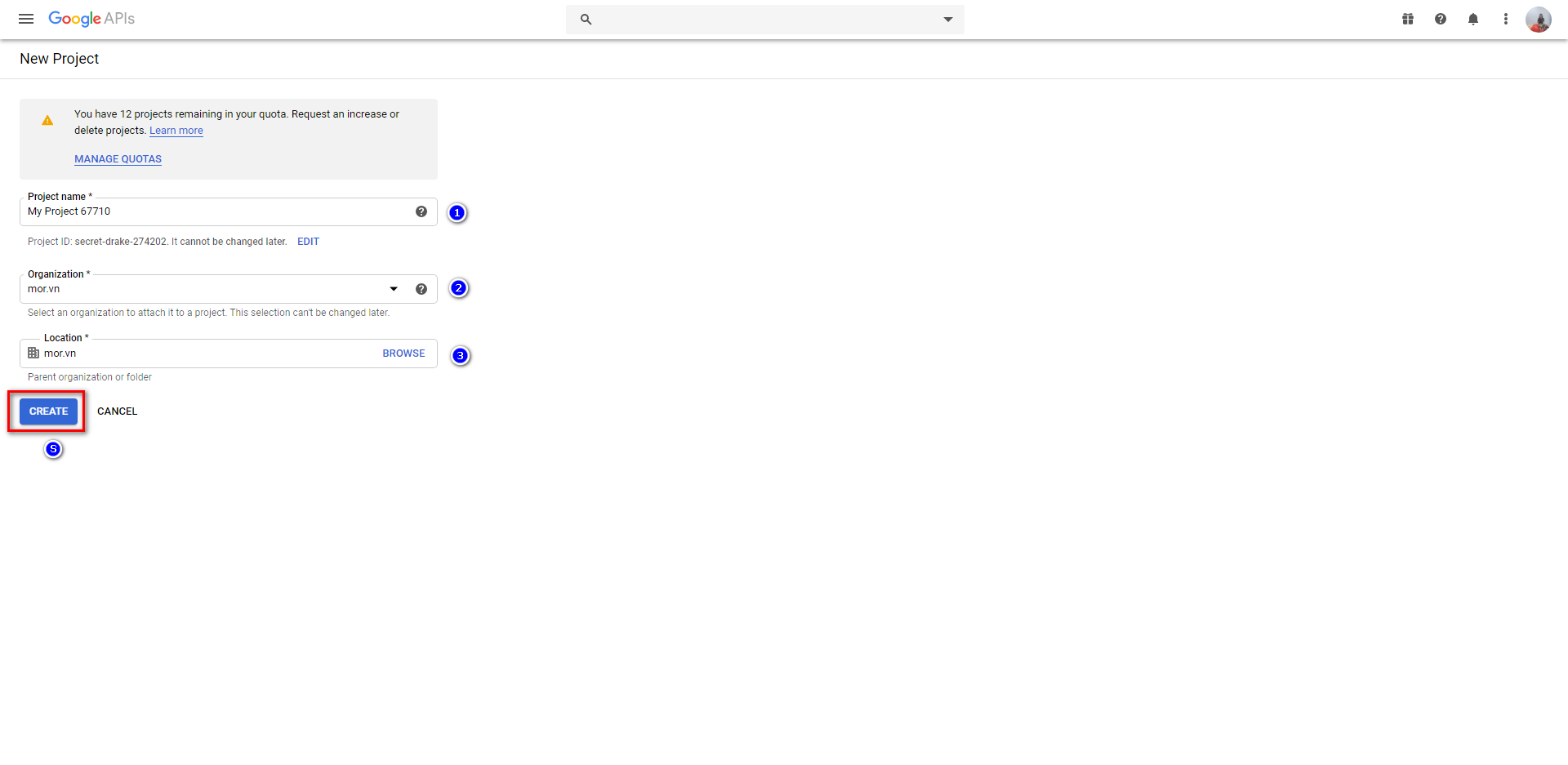
Create a new project (maybe omitted this step if the project already exists)

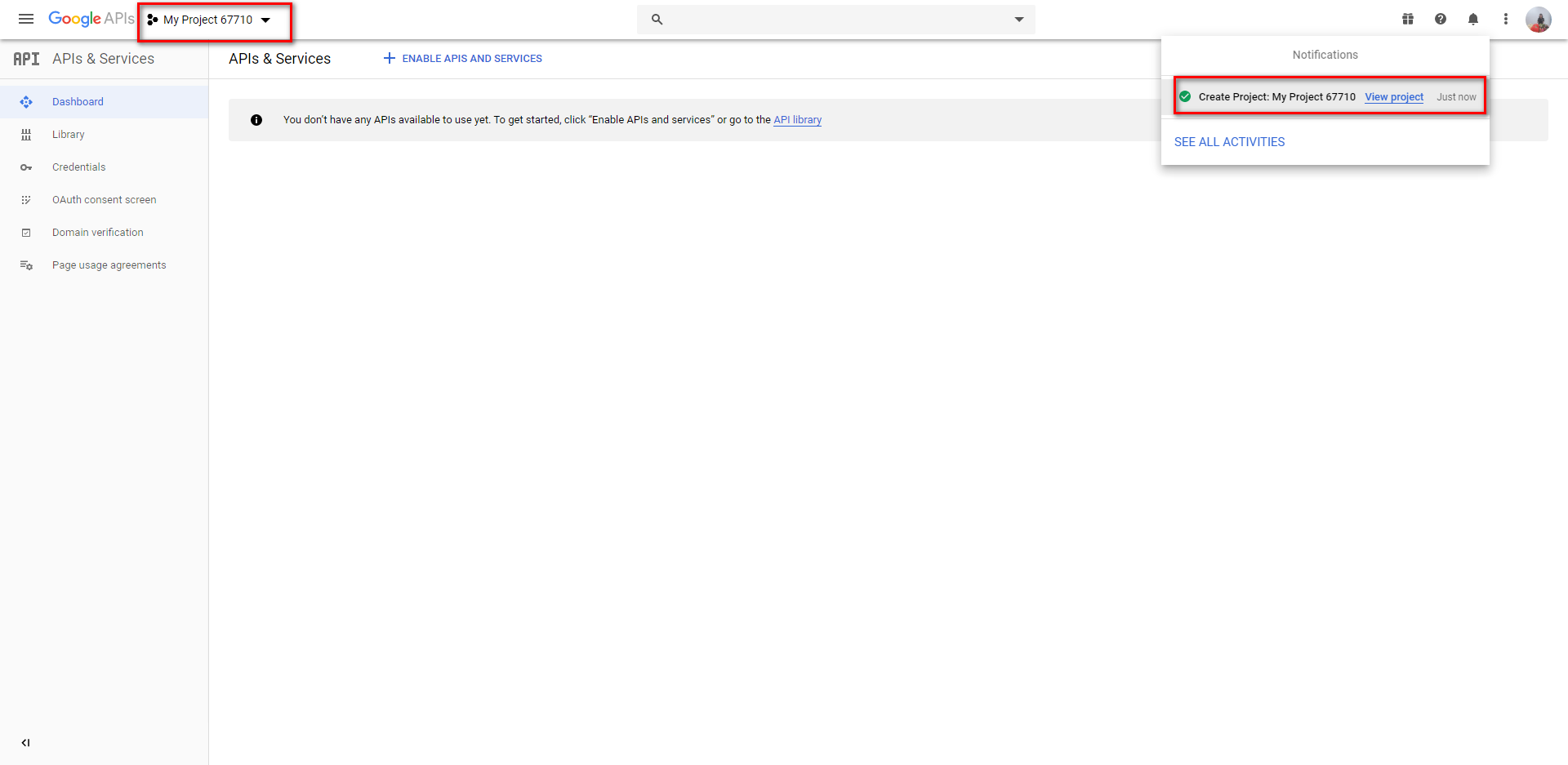
Click select a project



Click new project to create new project

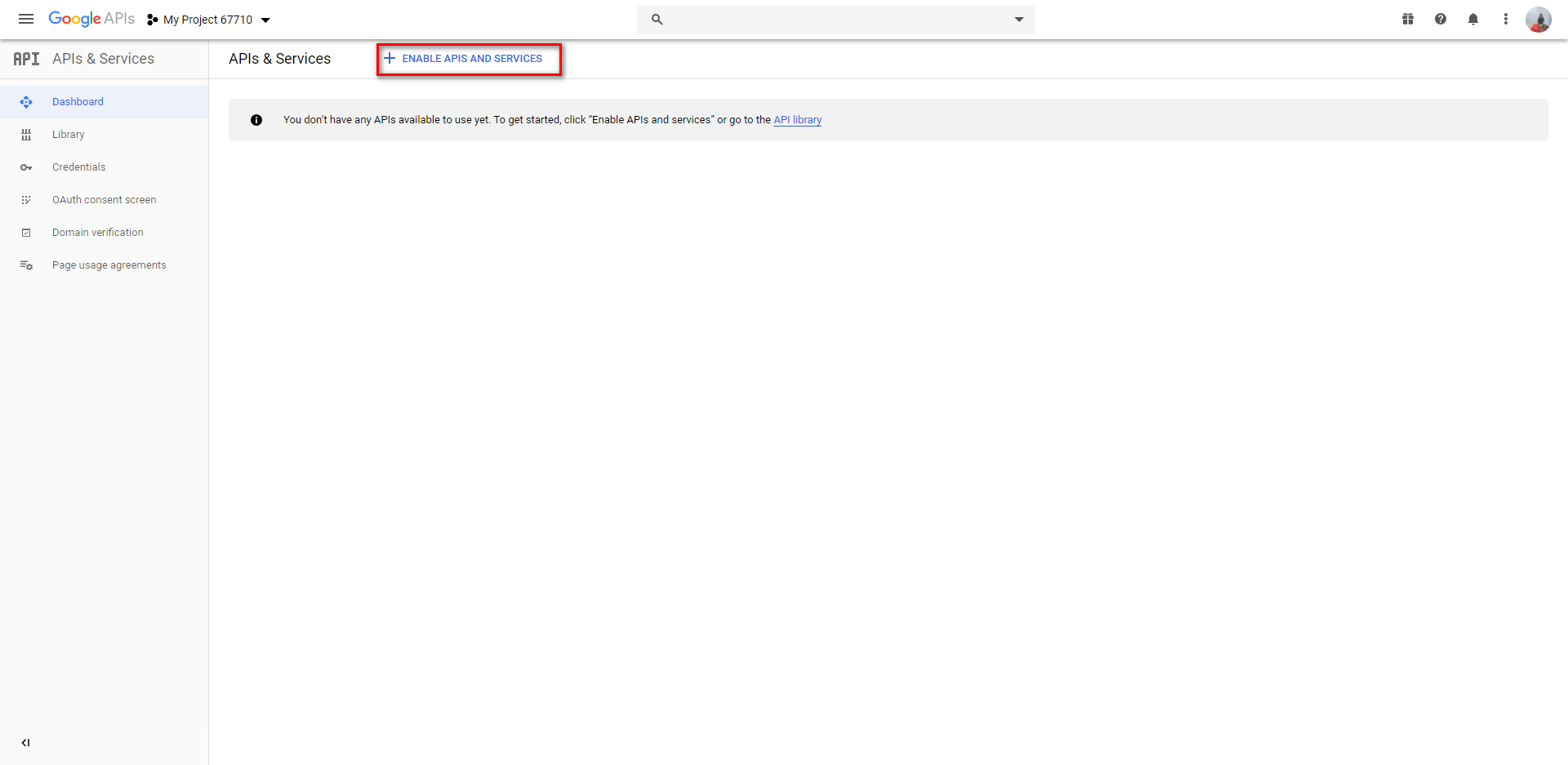


Fill the name, organization, location. After that, click Create to create a new project

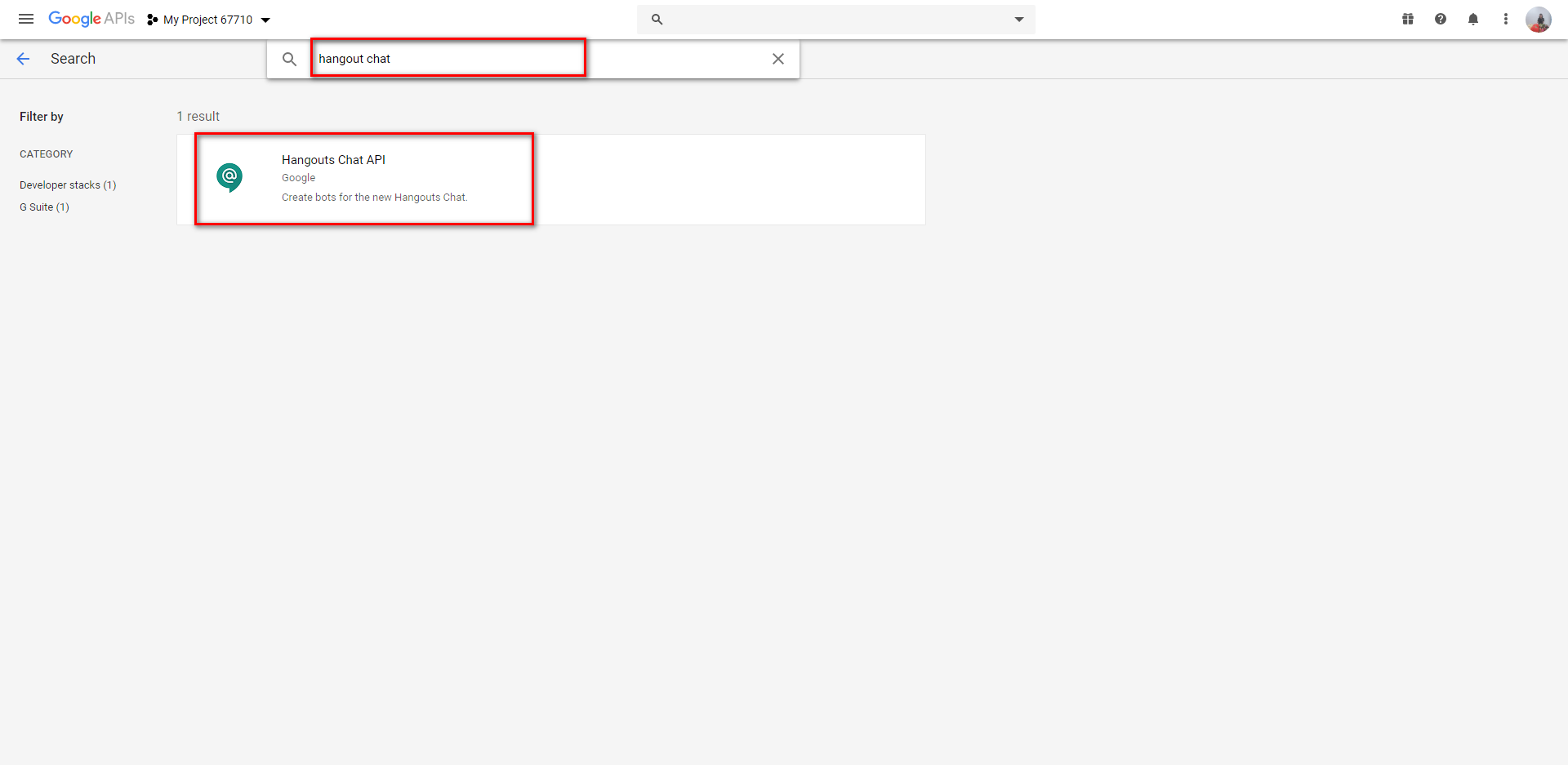
After creating a new project successfully, the project will create

Enable Hangouts chat API

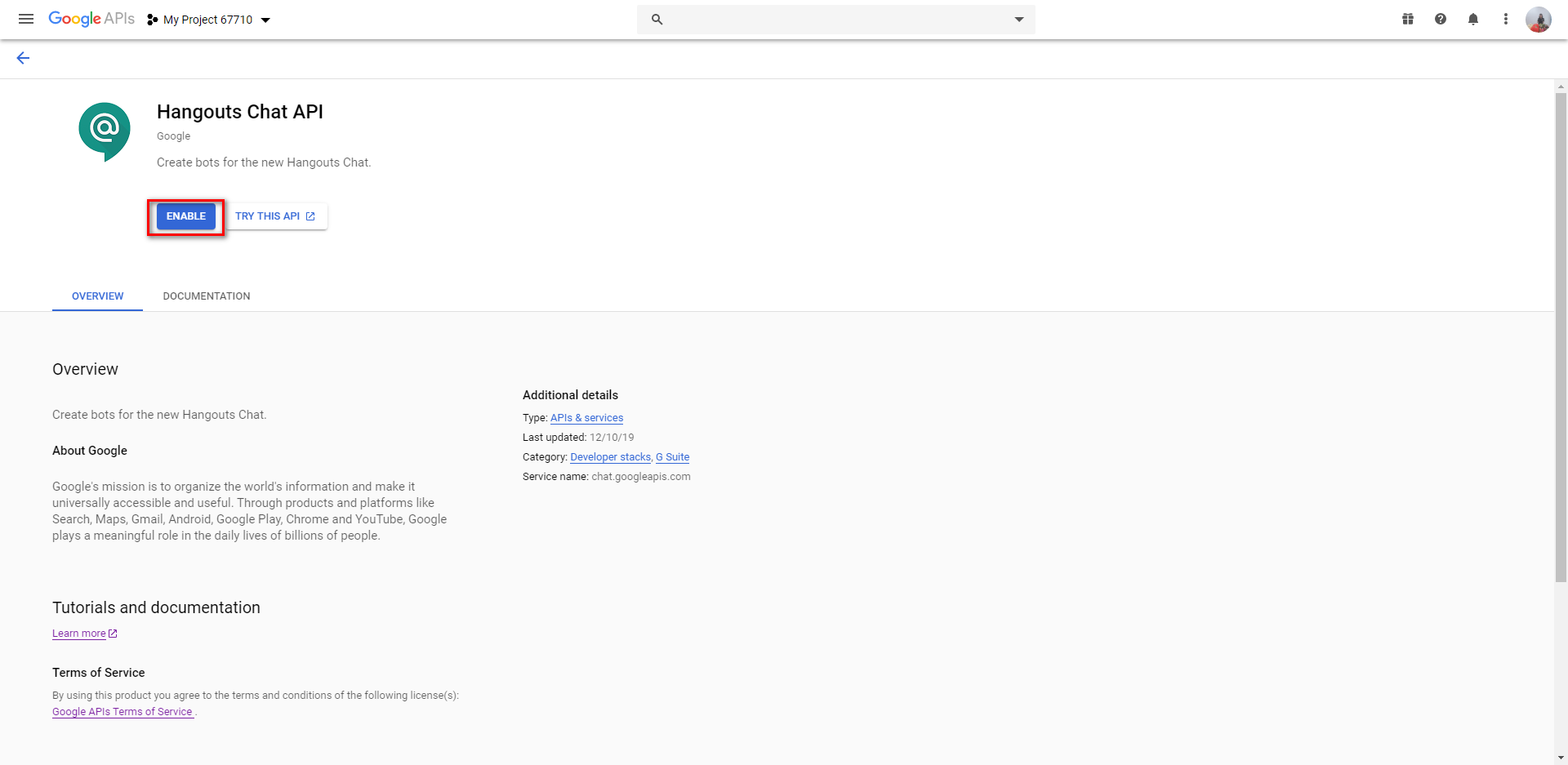
Click button Enable APIs and Services



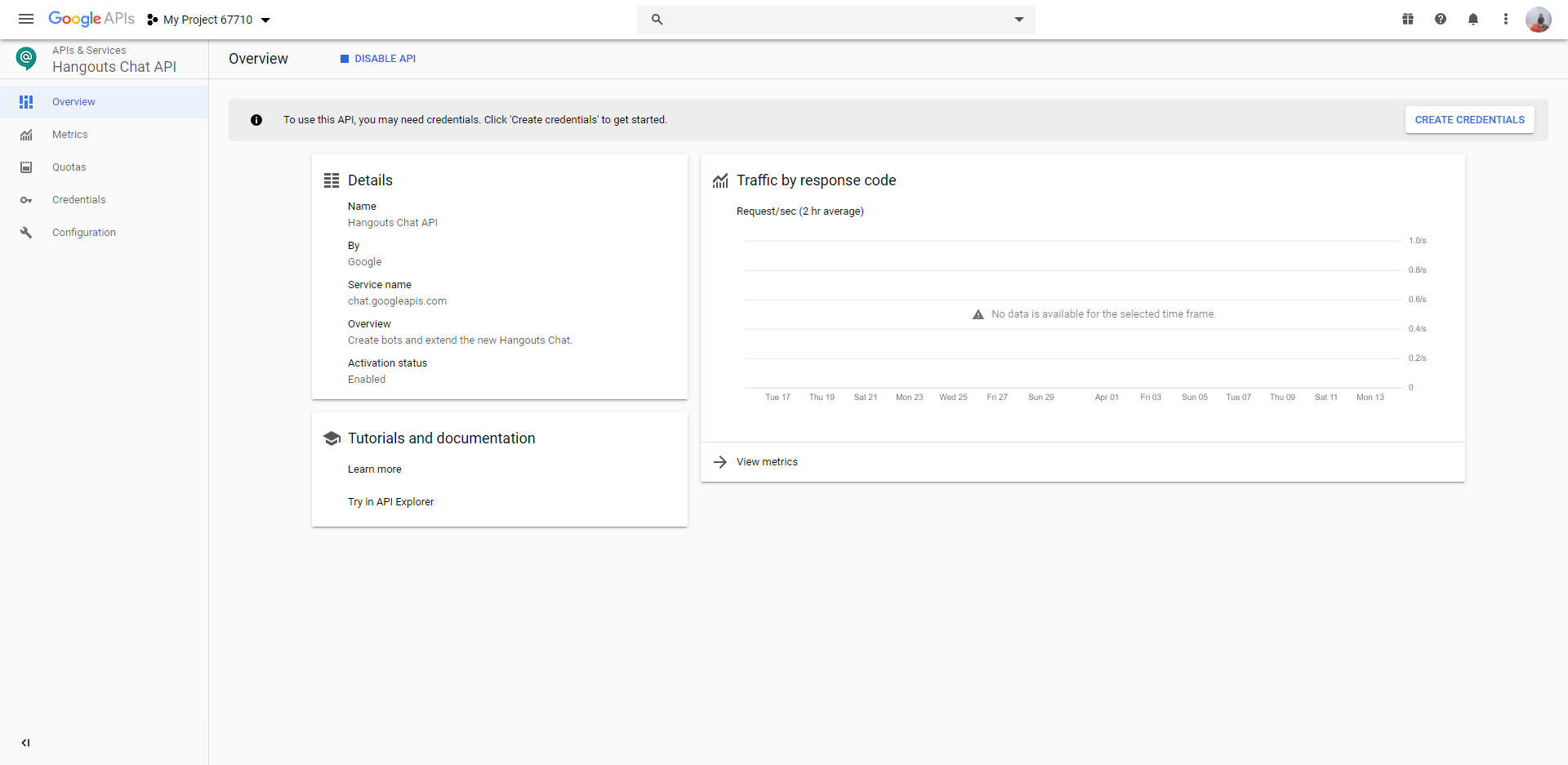
Search with key words “hangout chat”. After that, choose Hangouts Chat API



Click Enable to enable Hangouts Chat API

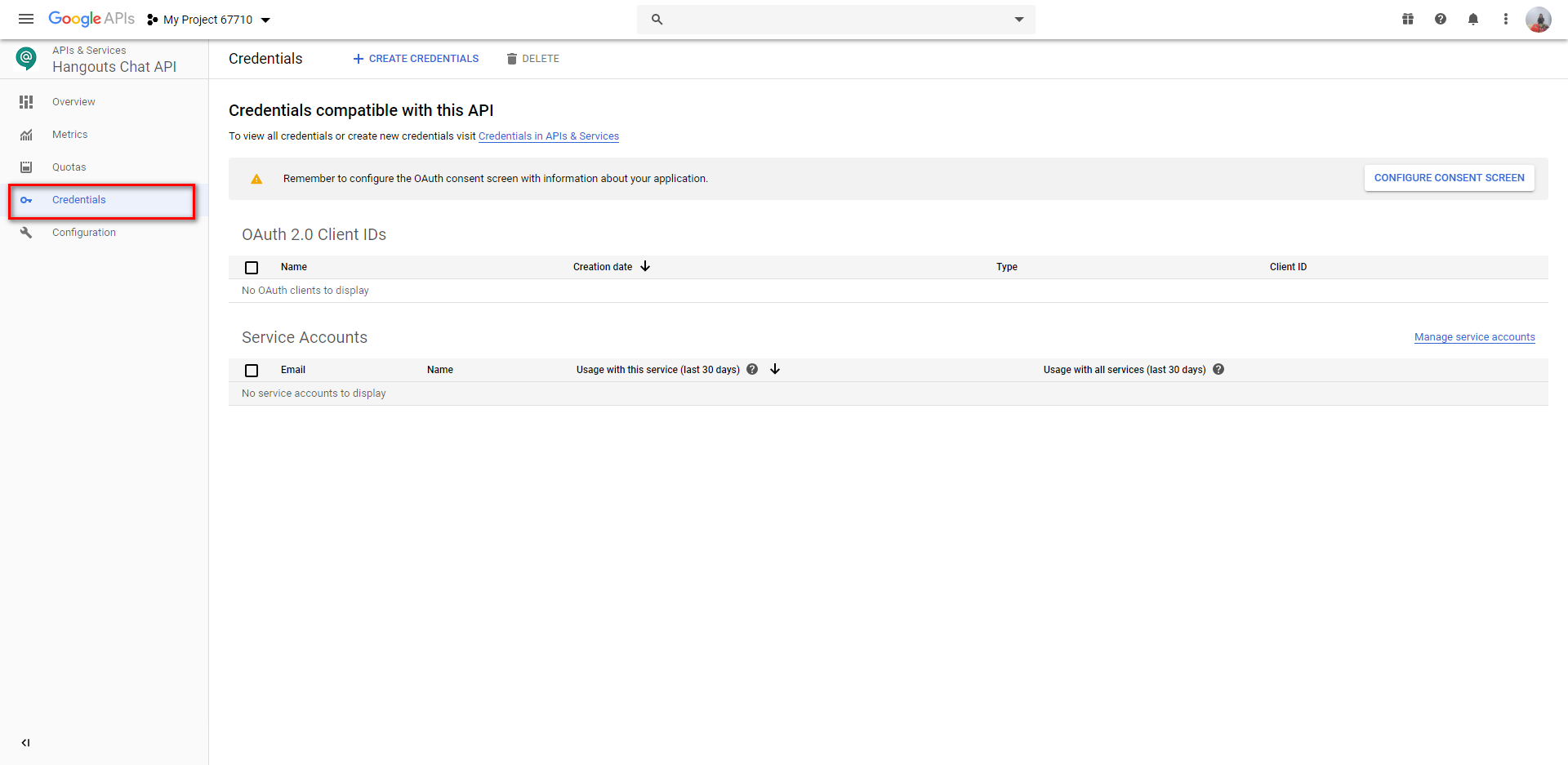


After enable successfully, this screen will display as below picture

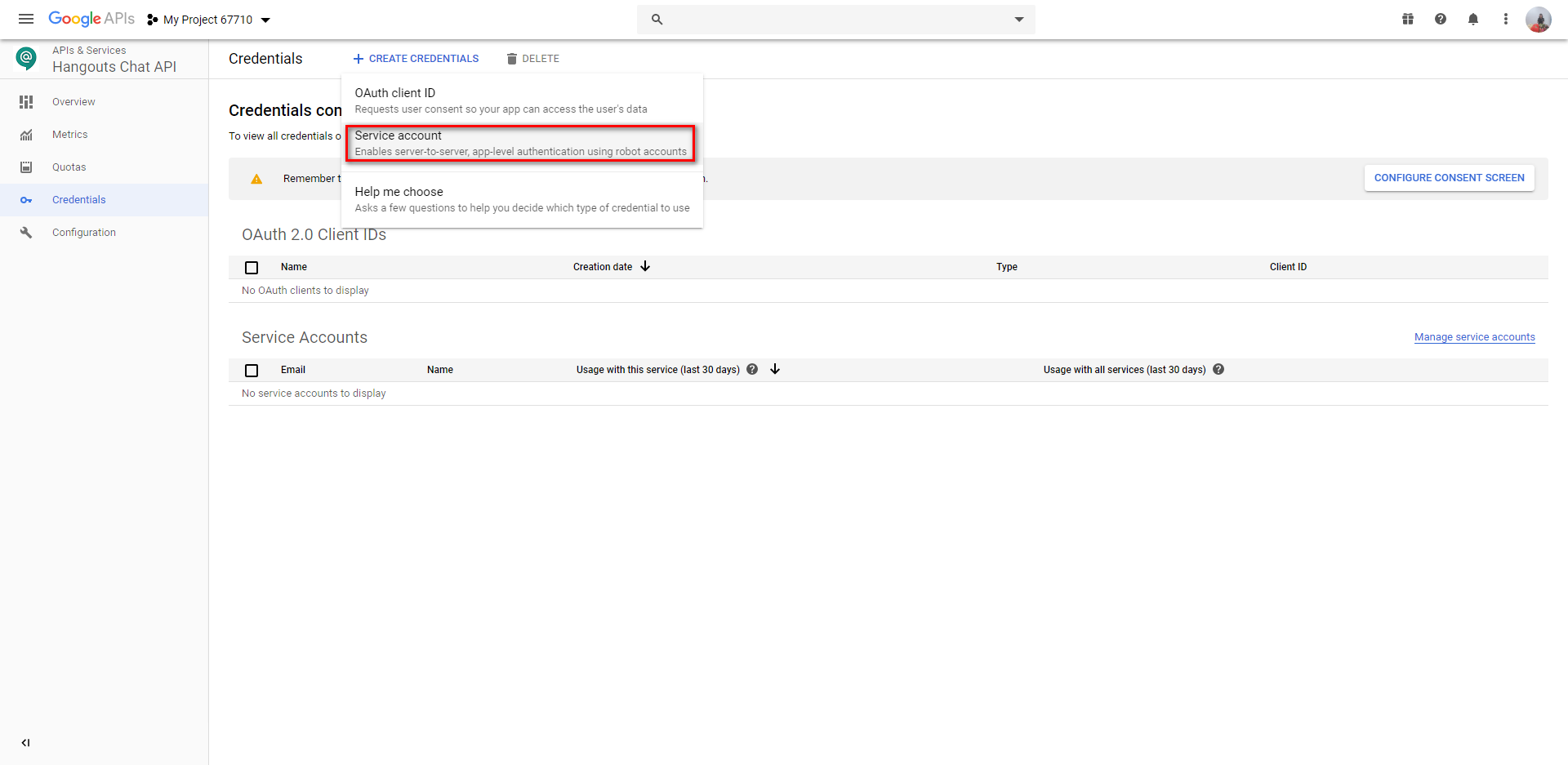


Create Service Account

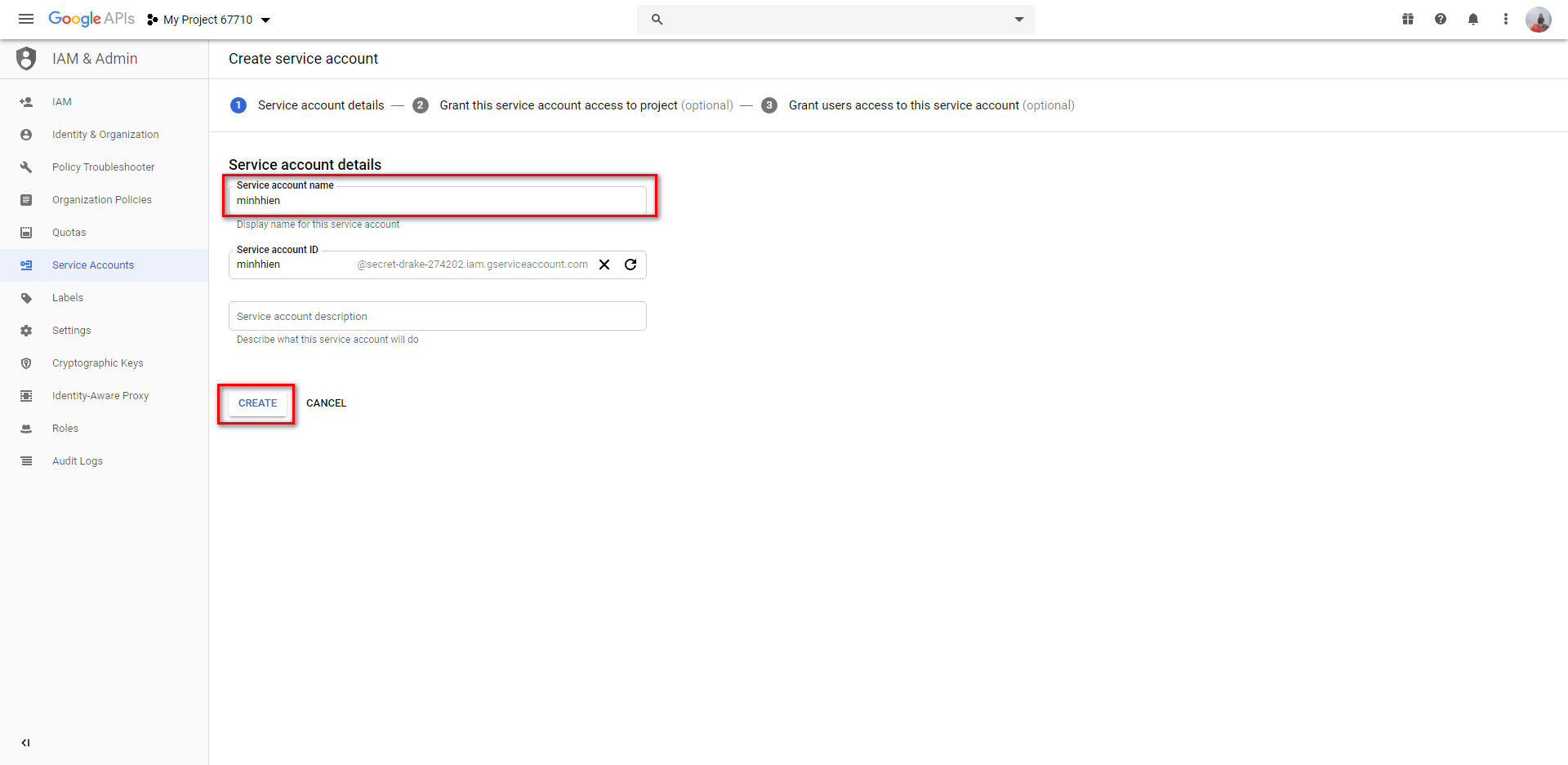
Click Credentials in side bar



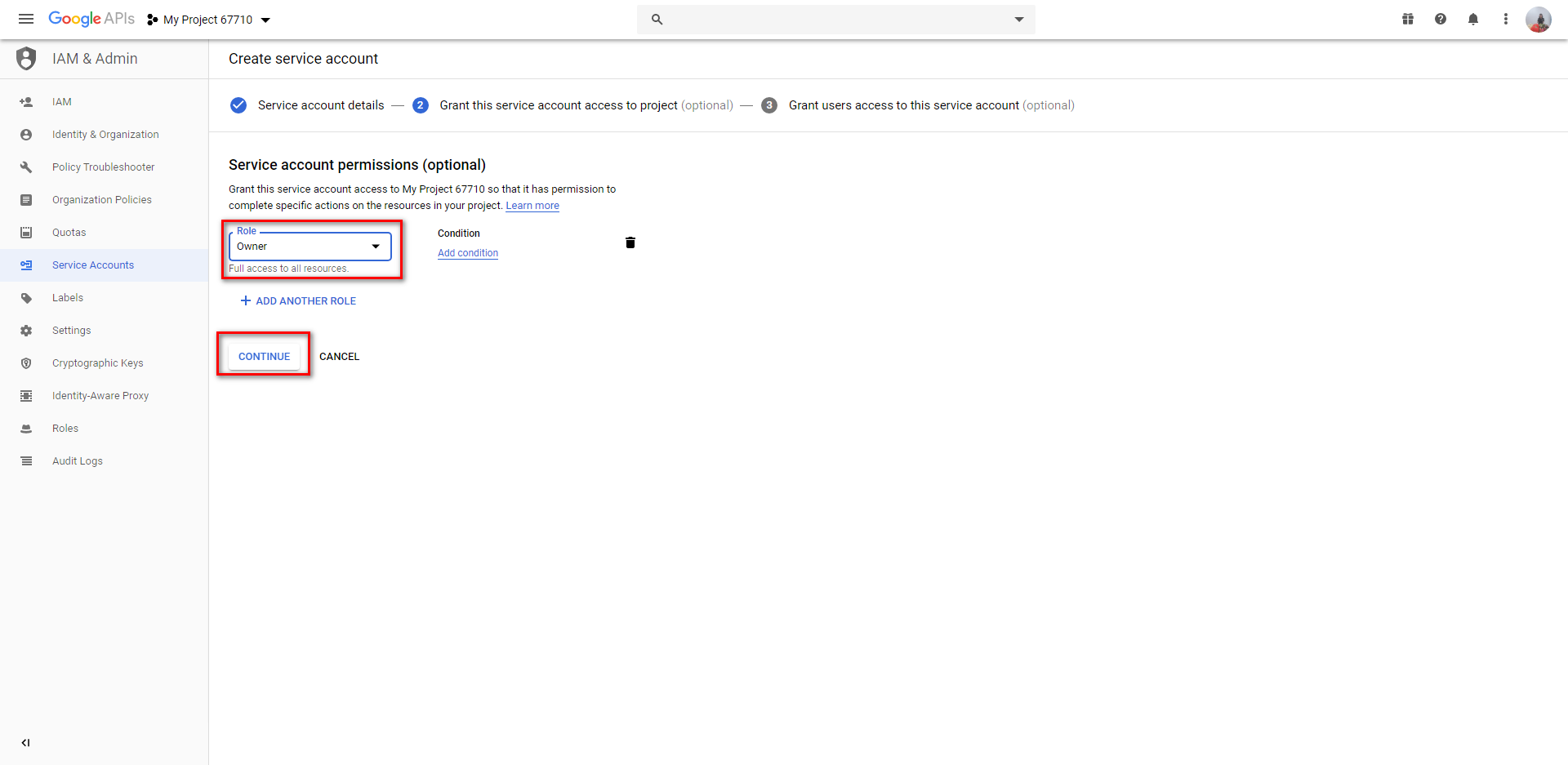
Click button create credentials. After that, choose Service account



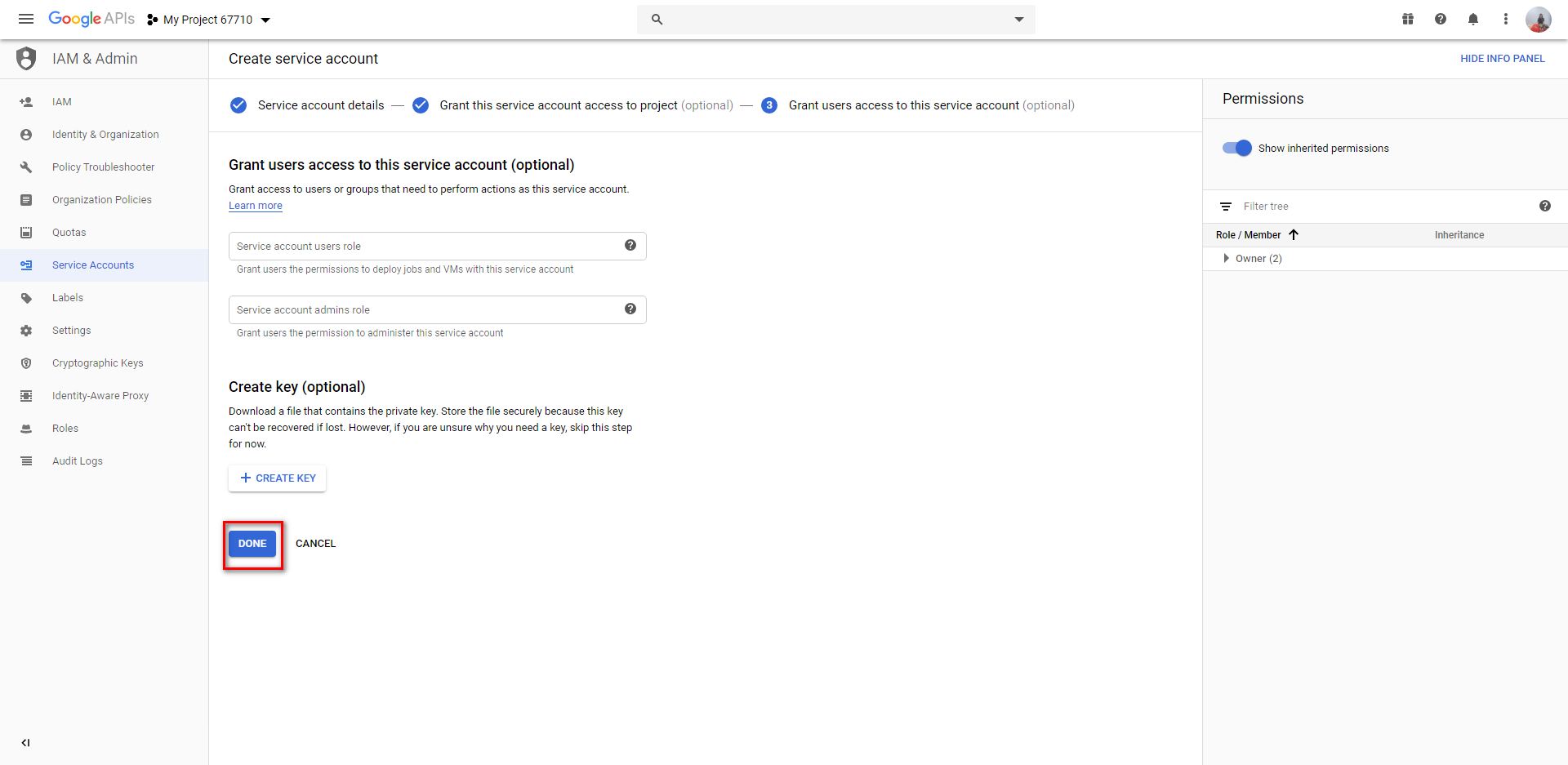
Fill name service in Service account name. After that, click button create to continue



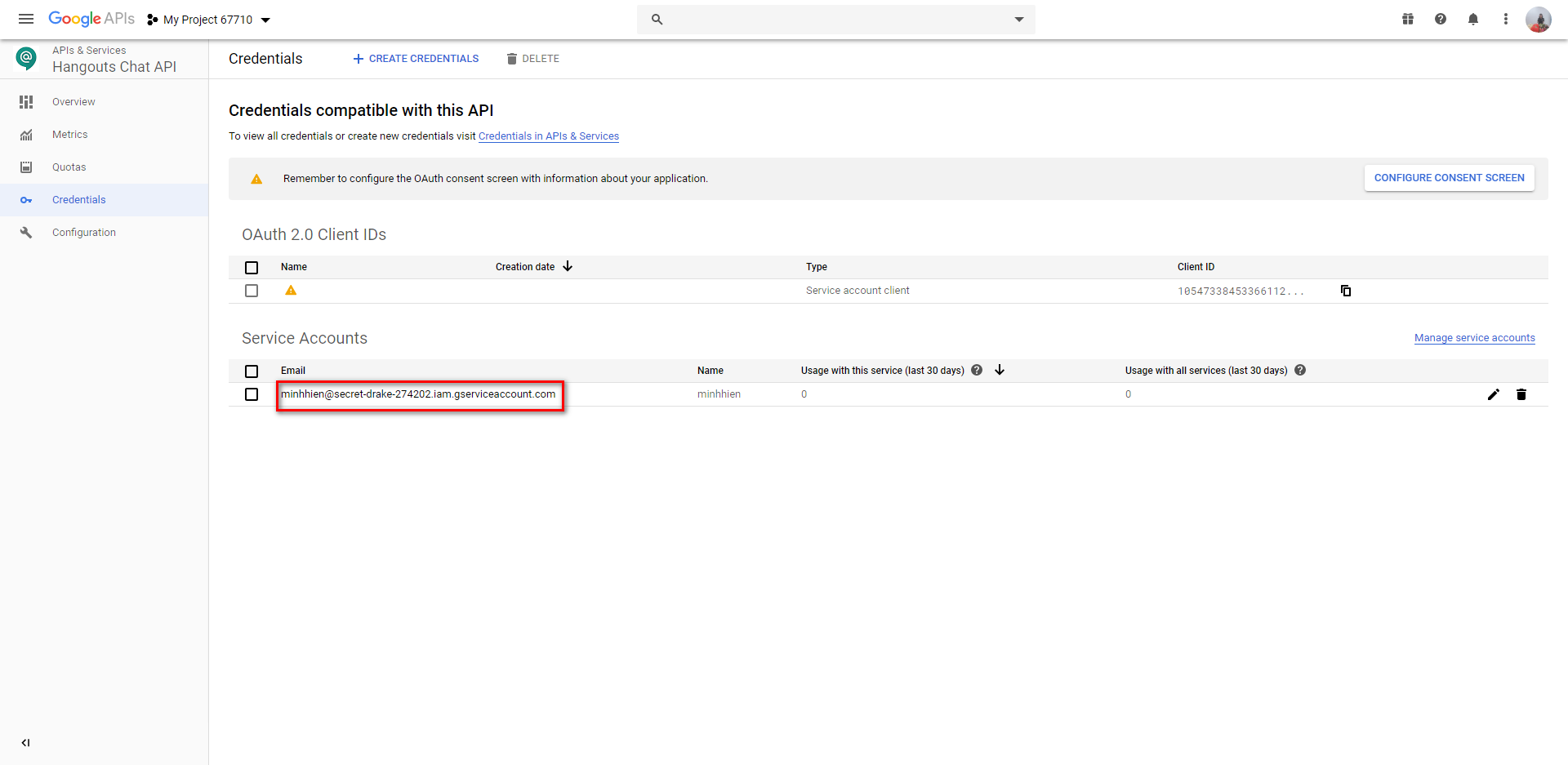
Choose role Owner to provide full access to all resources. After that, click continue to continue



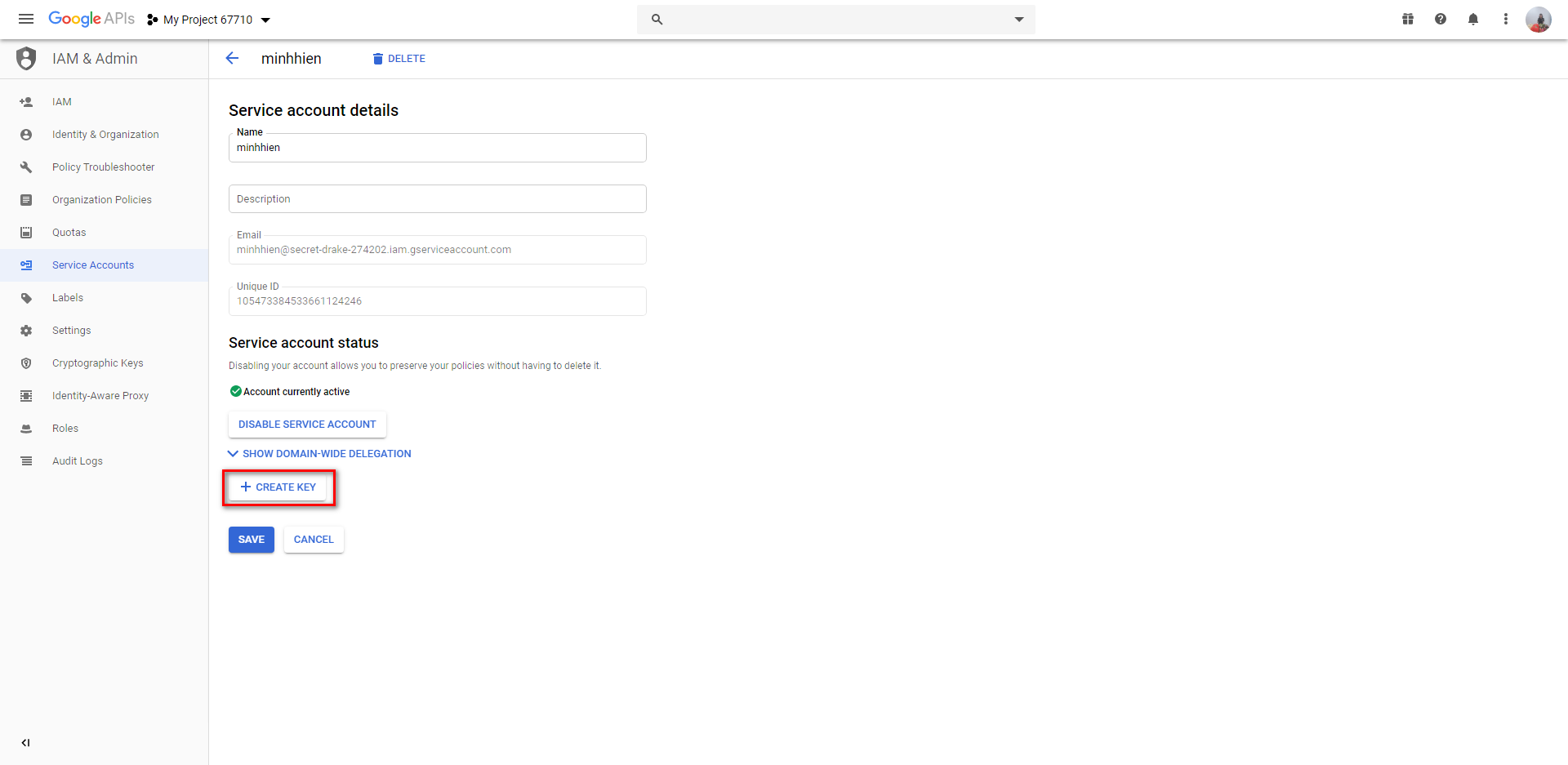
Click button done to complete



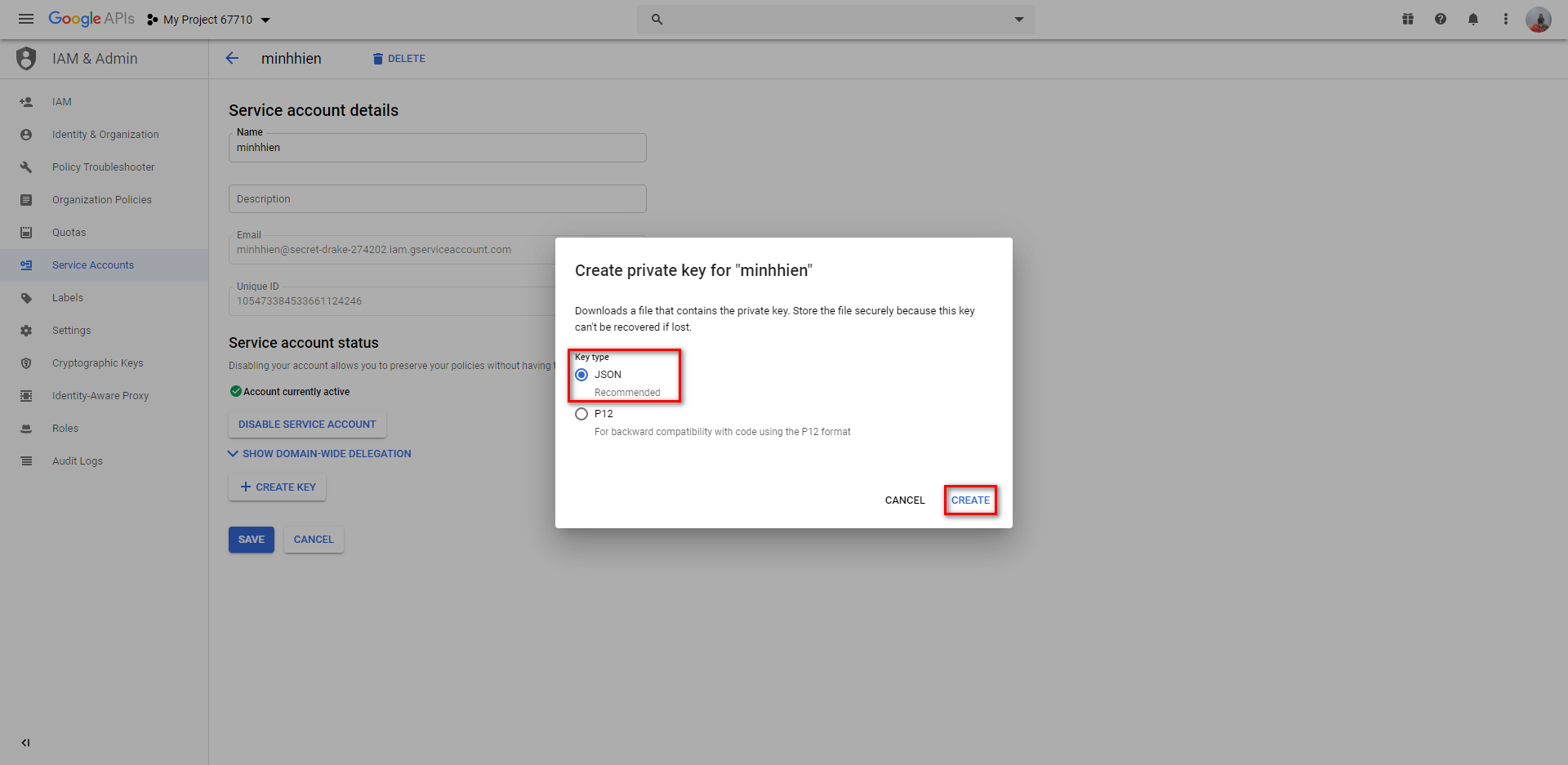
Choose service account that you have just created



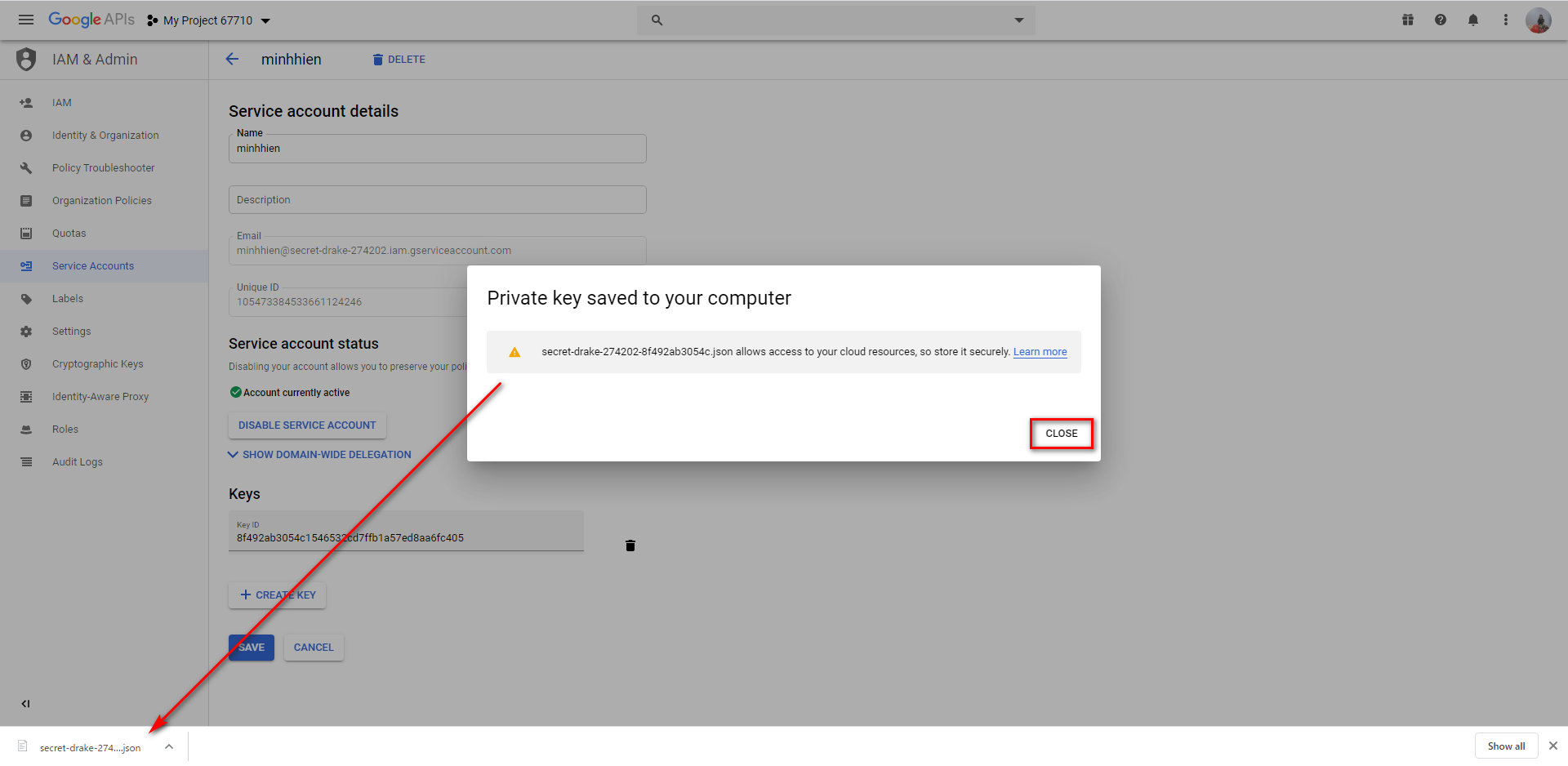
Click button create key



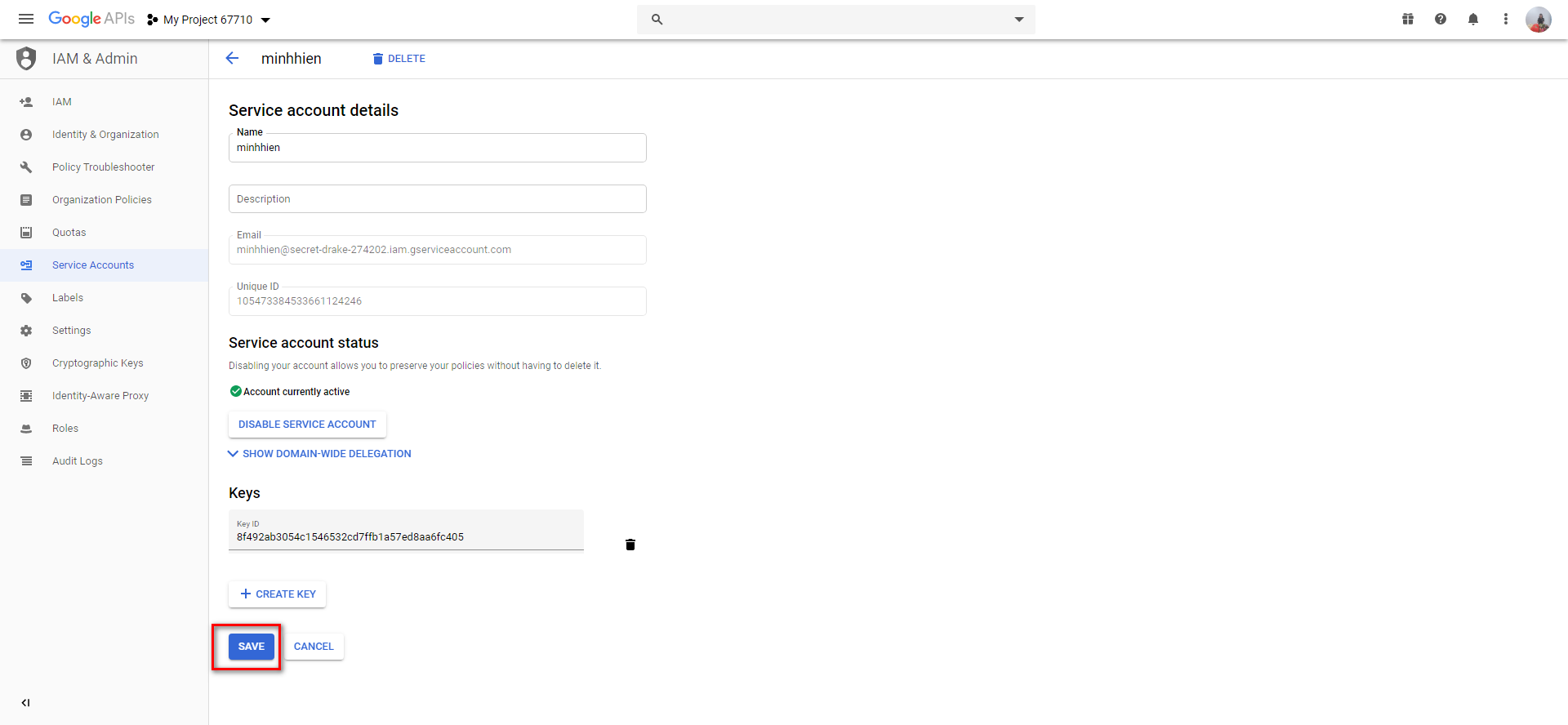
Choose JSON and click button create to download key to local PC



After your key has downloaded successfully, click close to back service account details

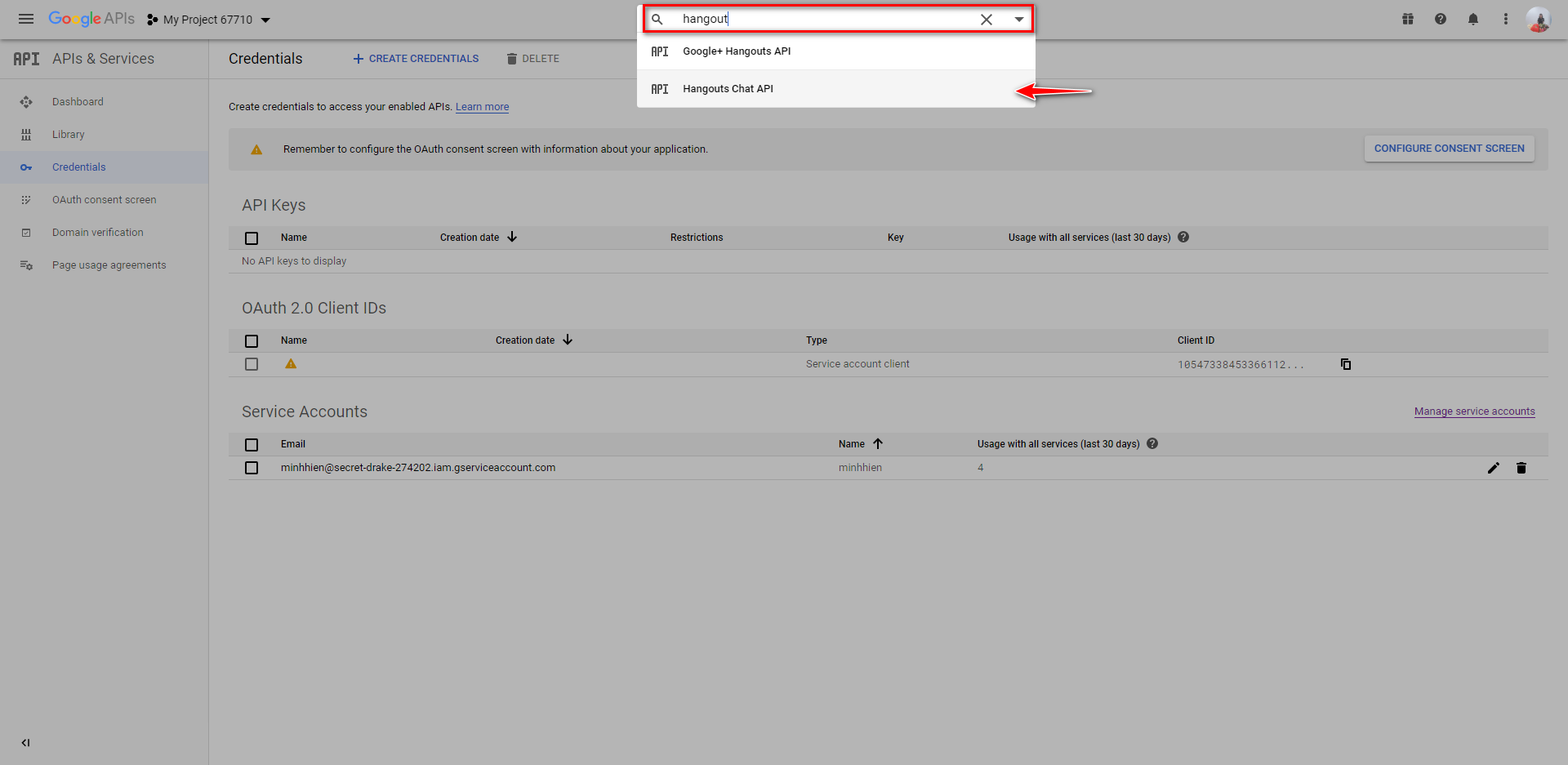


Click button save to complete

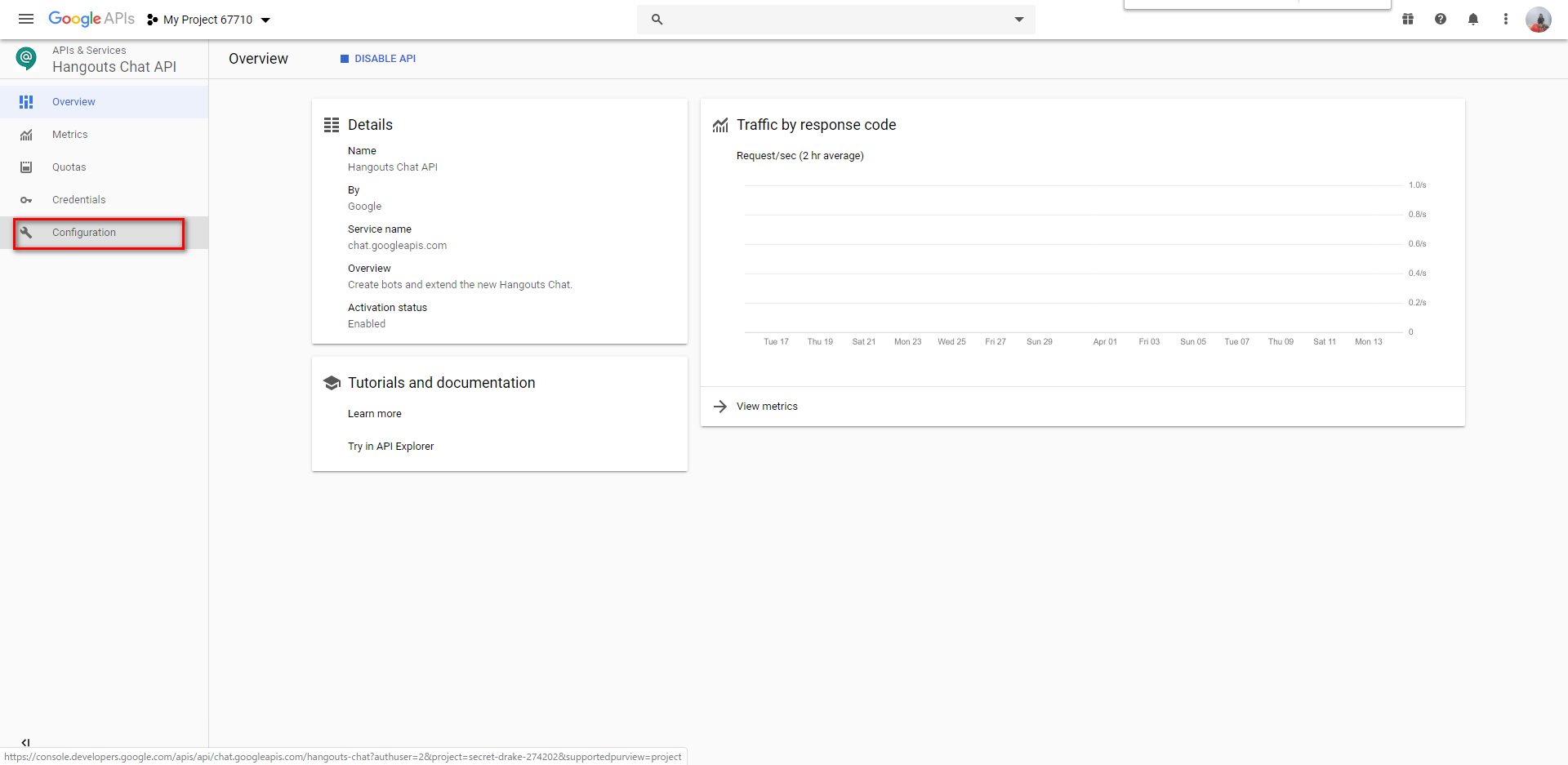


Configure bot

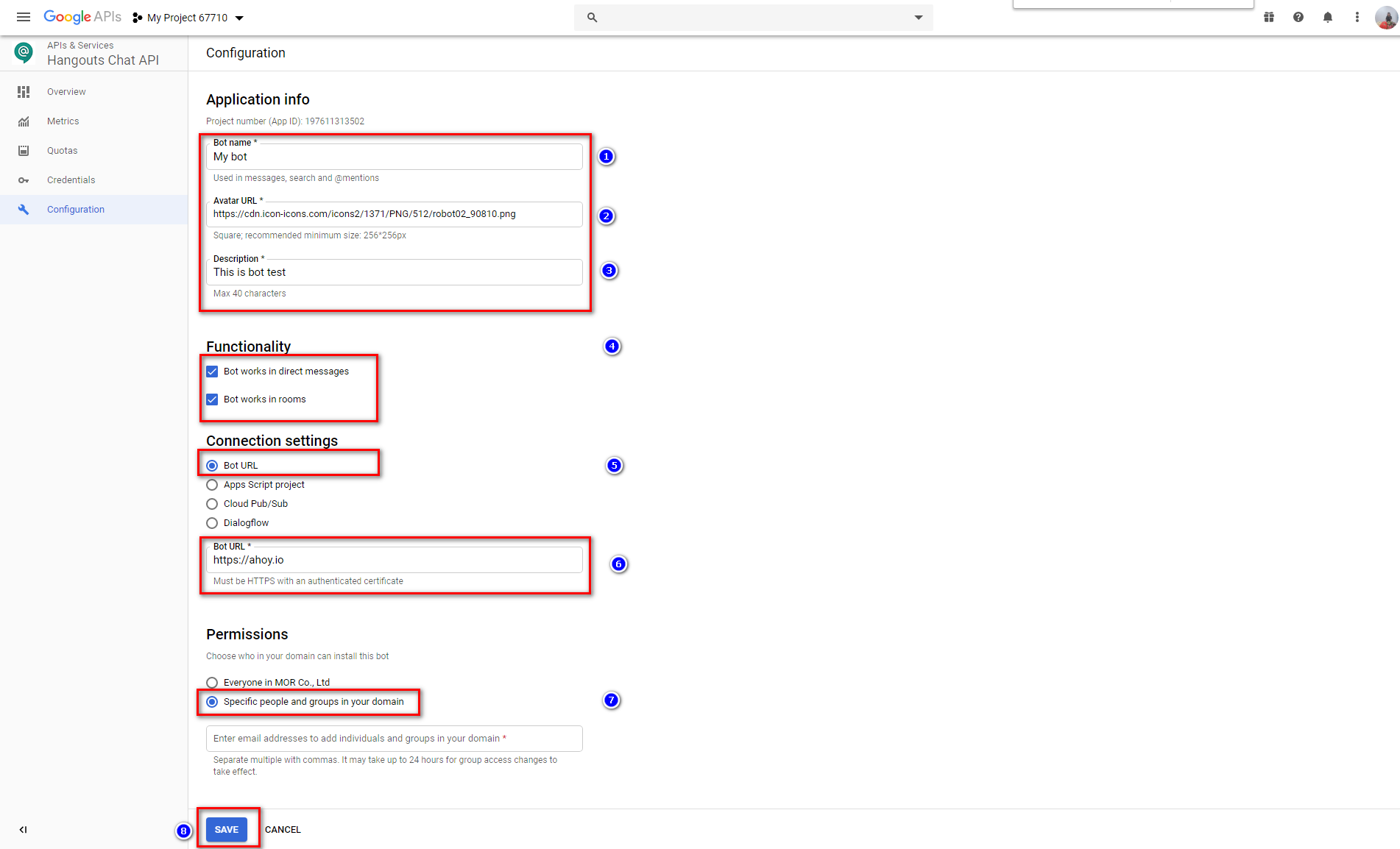
Search hangout and choose hangouts chat API



Click Configuration in side bar

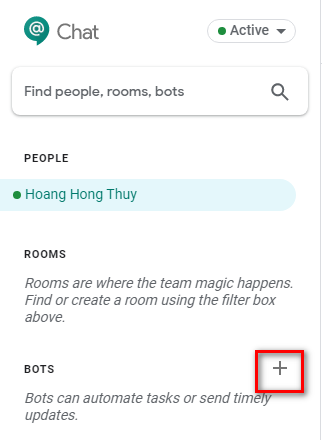


Fill information bot from 1 -> 7 and click save to complete

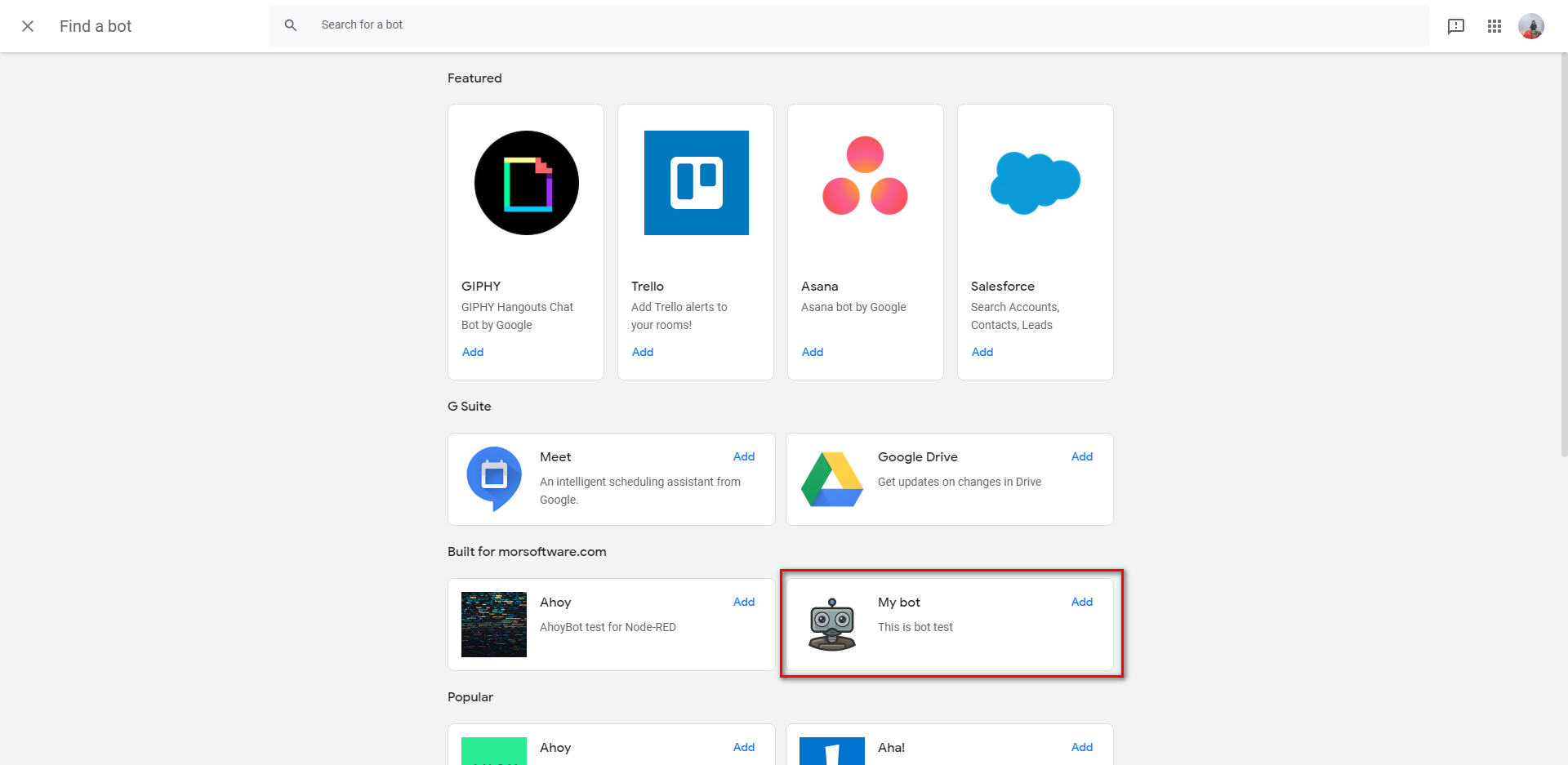


Access chat google to link <https://chat.google.com/>. Create new bot

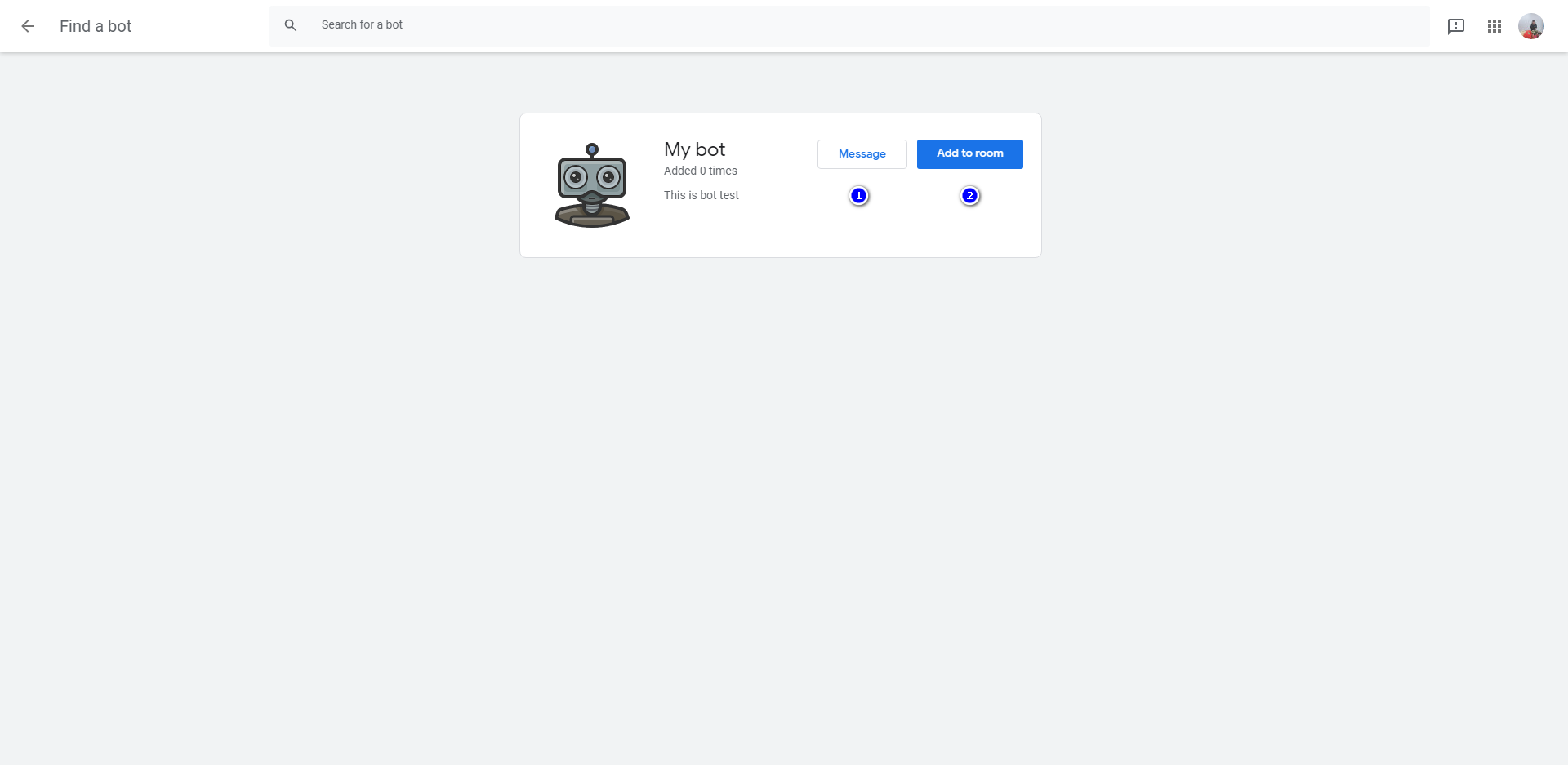
In side bar, click icon plus



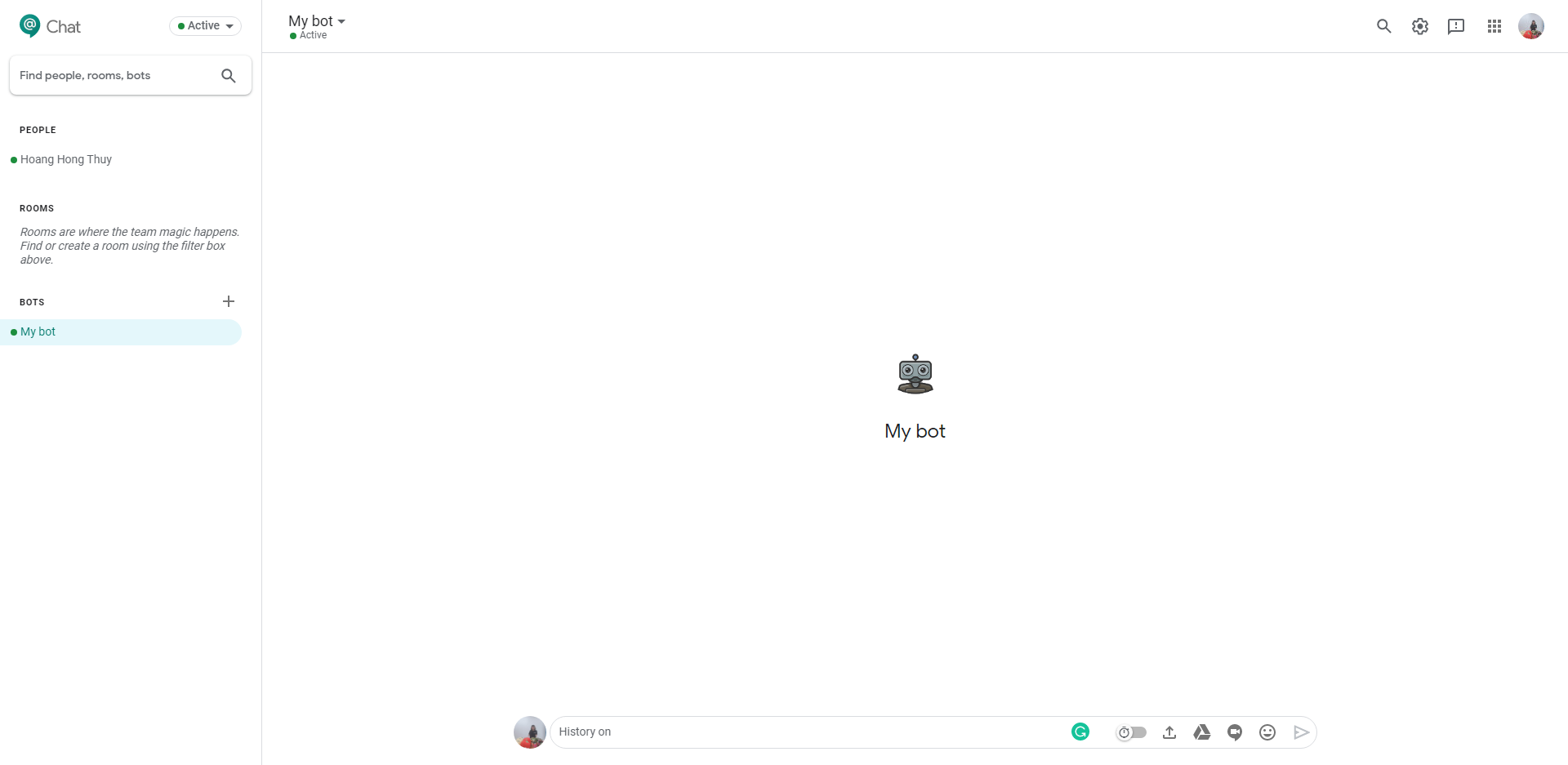
Choose bot that you have just created before



Choose number 1 (message) or number 2 (add to room)



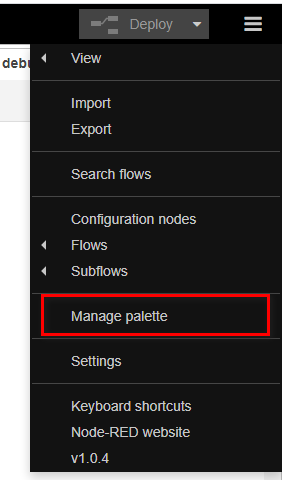
After choose message, bot will display as below picture



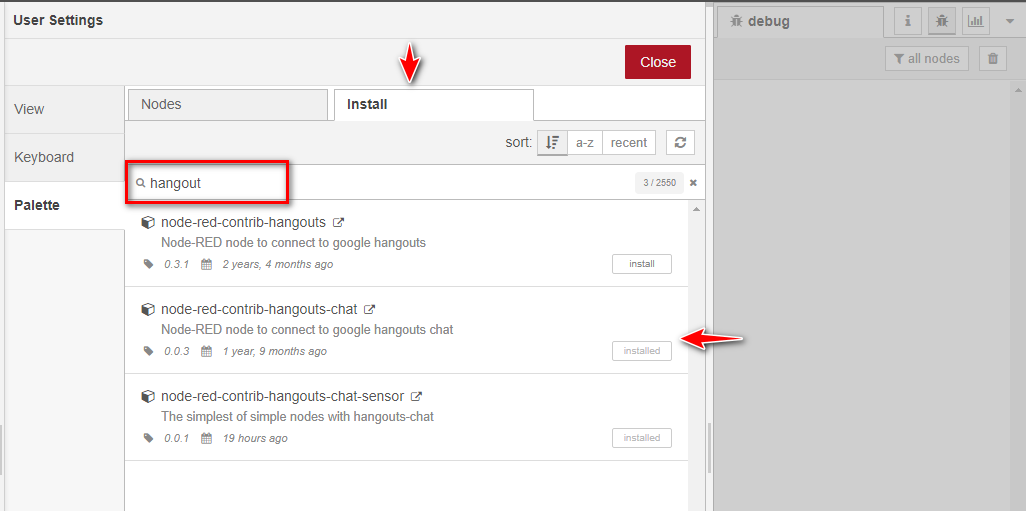


Copy room Id in url: jJ5RegAAAAE

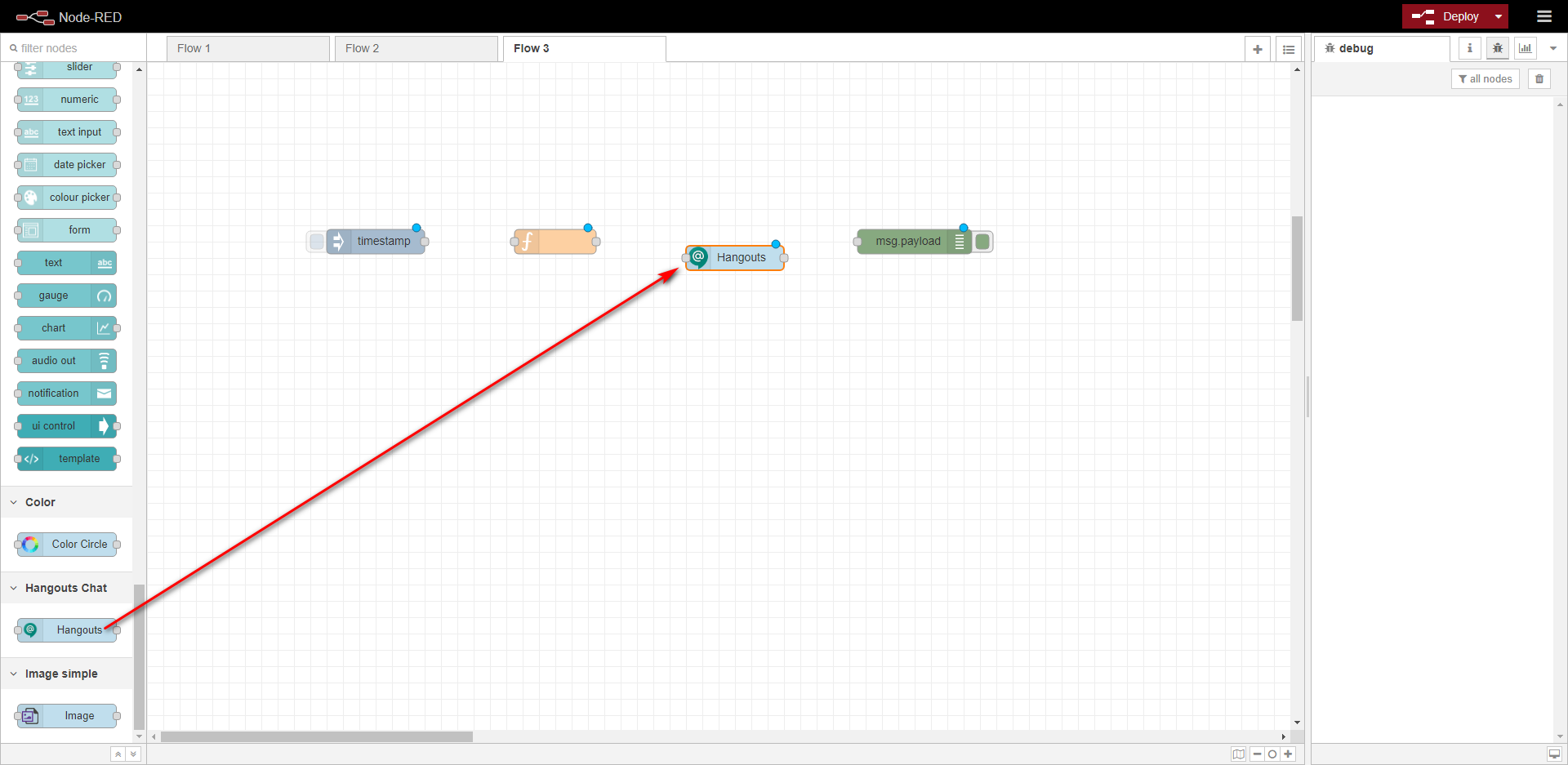
Install node



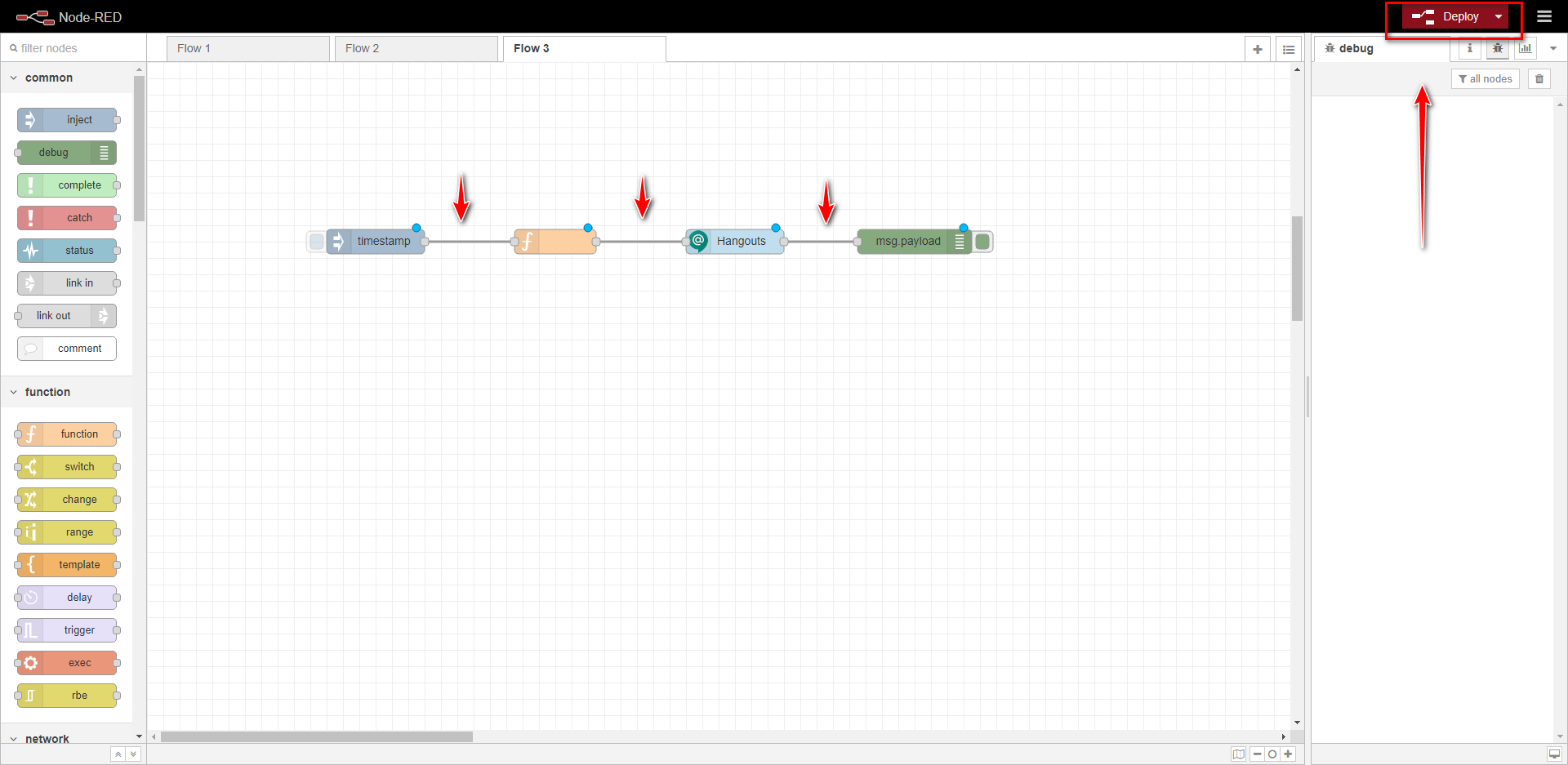
Choose install tab. After that, search with key word “hangout” and click button install node-red-contrib-hangouts-chat-sensor



Drag node inject, function, debug and hangouts chat to your flow

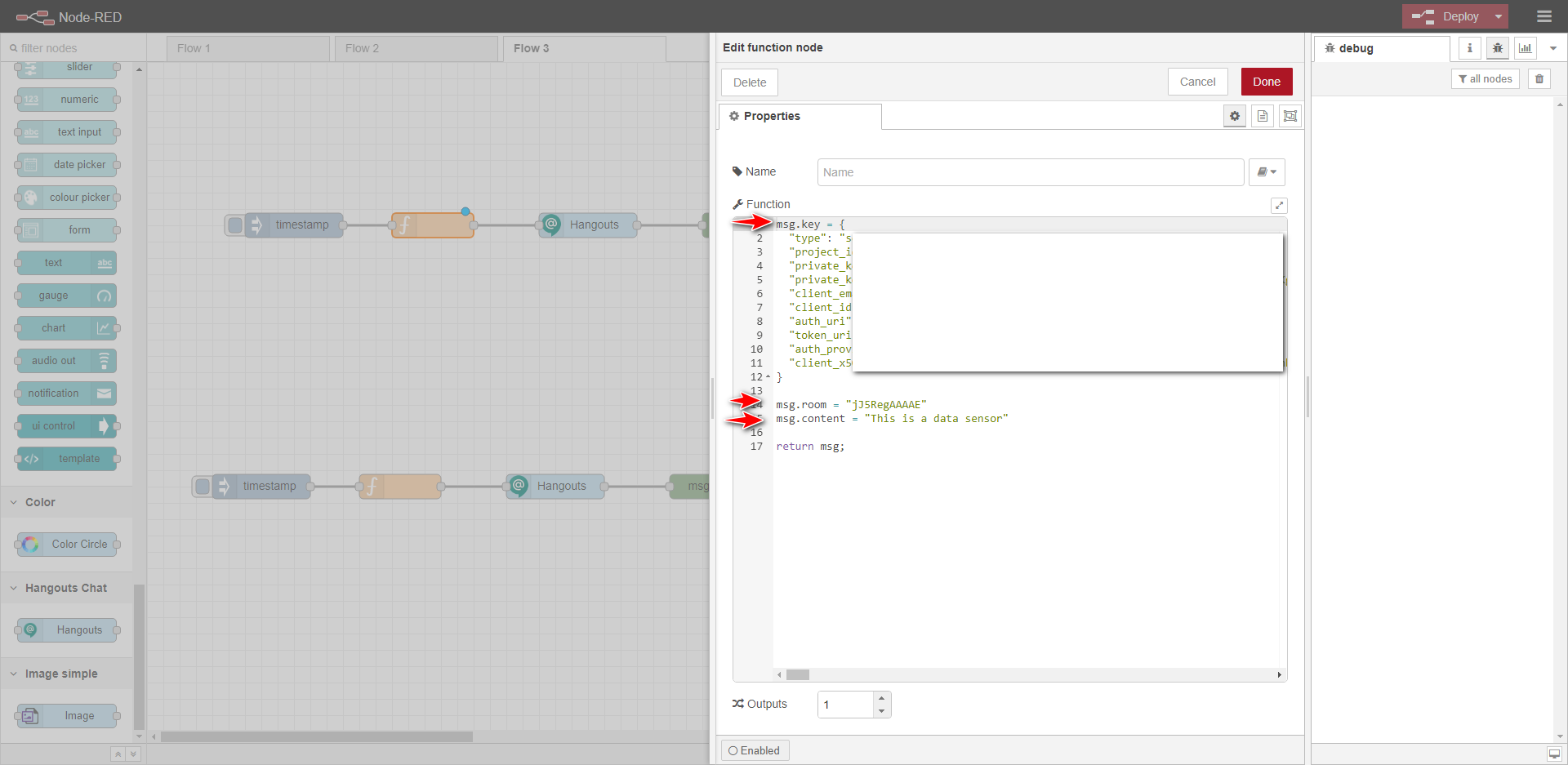


Wire node and click to deploy

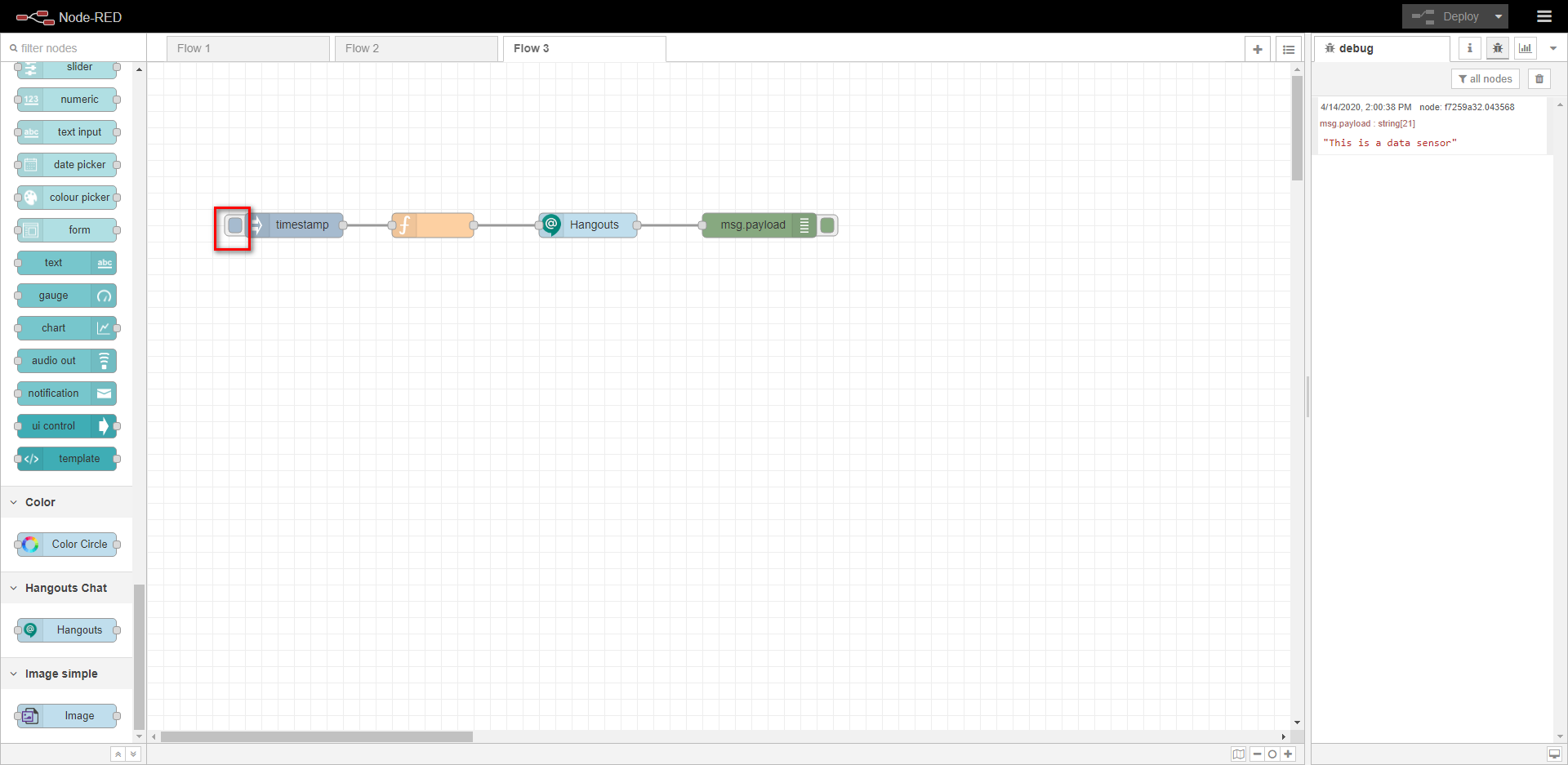


Using node

Create node function and fill information: key (in file download), room (in room id), and content (content that you want to send by bot



Run this node



In chat, display message successfully

