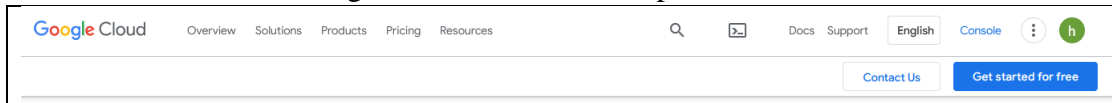


## Daftar Free Trial 90 Hari Google Cloud Platform

1. Masuk ke dalam situs Google Cloud Platform lalu pilih **Get Started for Free**



2. Pilih **Personal project** lalu Continue

3. Masukkan nomor HP untuk verifikasi

4. Masukkan beberapa data berikut
  - a. Pilih **Individual**
  - b. Isi alamat dan nama sesuai dengan alamat rekening bank
  - c. Isi nomor kartu debit atau kredit sesuai dengan poin B

### Step 3 of 3 Payment Information Verification

Your payment information helps us reduce fraud and abuse. You won't be charged unless you turn on automatic billing.

#### Customer info

Account type ⓘ ✎

Individual ▾

Tax information ⓘ ✎

Tax status: Personal

Tax or Identification Number:

Tax obligation main number (NPWP)

Name and address ⓘ

Name

hangga prihadi

Address line 1

Address line 2

City

Province ▾ Postal code

Phone number (optional)

#### How you pay

Automatic payments

With automatic payments, you pay for this service only after you have actual costs. You'll be charged automatically on the 1st of each month or any time your balance reaches an amount known as your payment threshold. [Learn more](#)

#### Payment method ⓘ

Card number

#

MM / YY CVC

Card number is required

Cardholder name

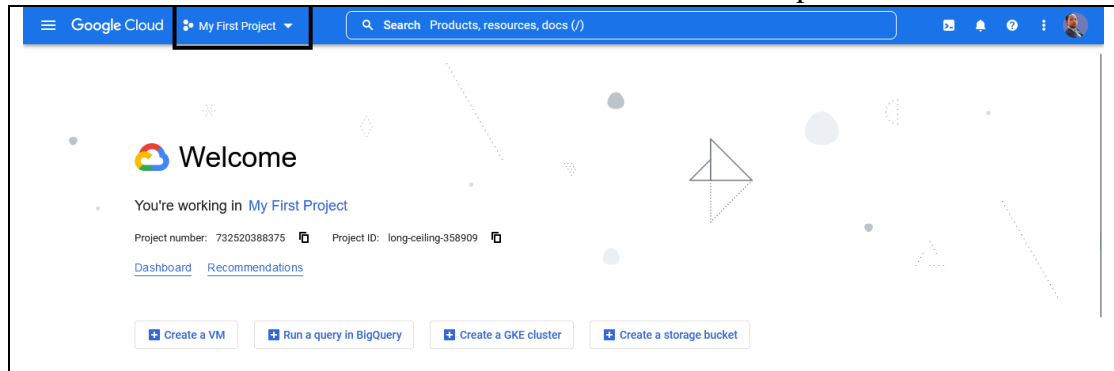
hangga prihadi

☒ Credit or debit card address is same as above

The personal information you provide here will be added to your payments profile. It will be stored securely and treated in accordance with the [Google Privacy Policy](#).

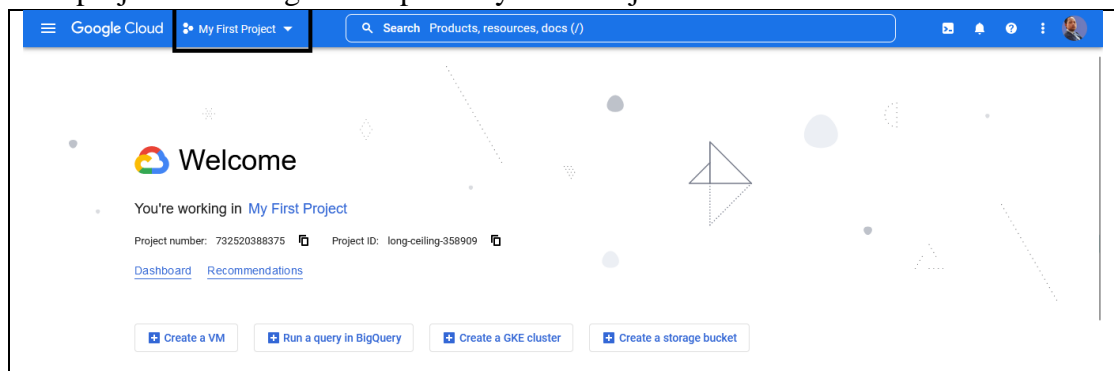
START MY FREE TRIAL

5. Jika sudah selesai mendaftar free trial maka akan muncul tampilan berikut

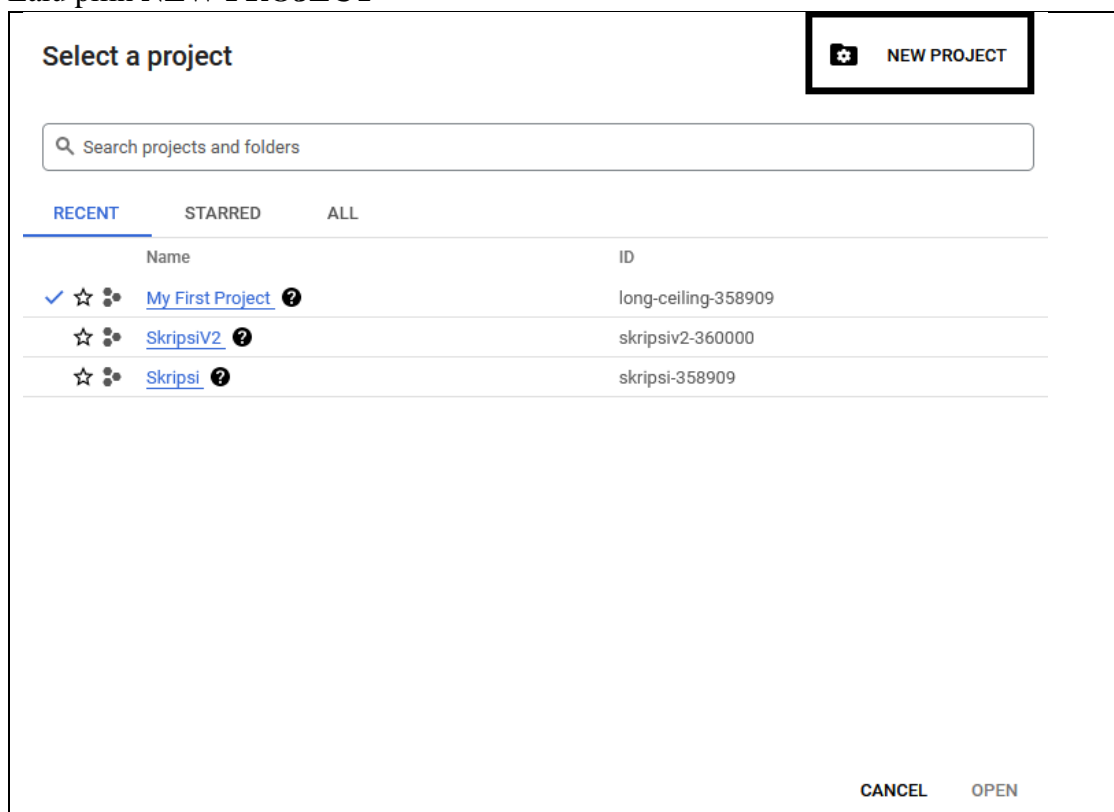


## Penggunaan Deployment Manager untuk Hosting CMS Python

1. Buat project baru dengan cara pilih My First Project



2. Lalu pilih **NEW PROJECT**



3. Masukkan nama project lalu pilih Create

**New Project**

You have 3 projects remaining in your quota. Request an increase or delete projects. [Learn more](#)

[MANAGE QUOTAS](#)

**Project name \***  
Request01

Project ID: request01. It cannot be changed later. [EDIT](#)

**Location \***  
 No organization [BROWSE](#)

Parent organization or folder

**CREATE** CANCEL

4. Project yang berhasil dibuat akan muncul di notifikasi lalu pilih **SELECT PROJECT**

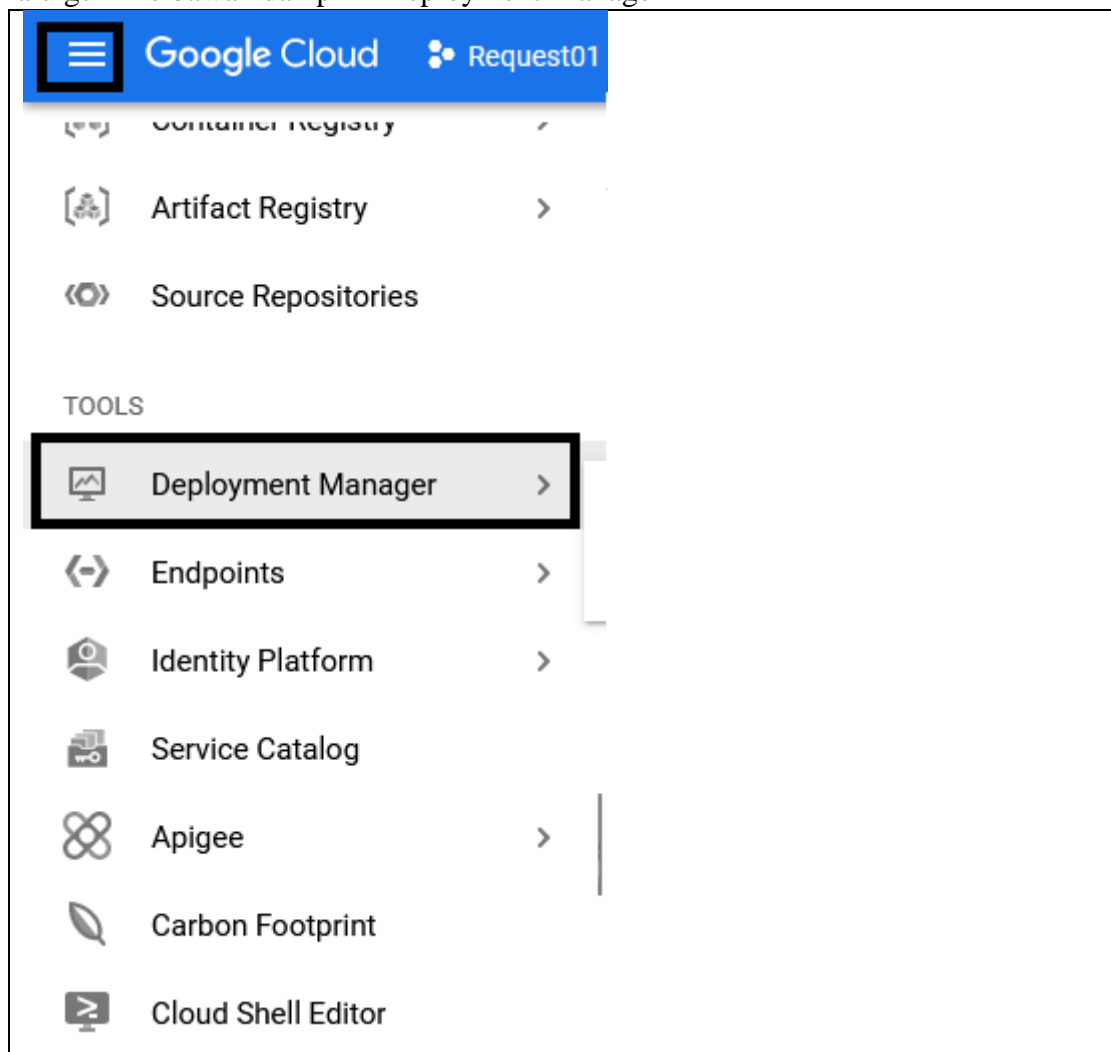
**Notifications**

**Create Project: Request01** Just now  
[SELECT PROJECT](#)

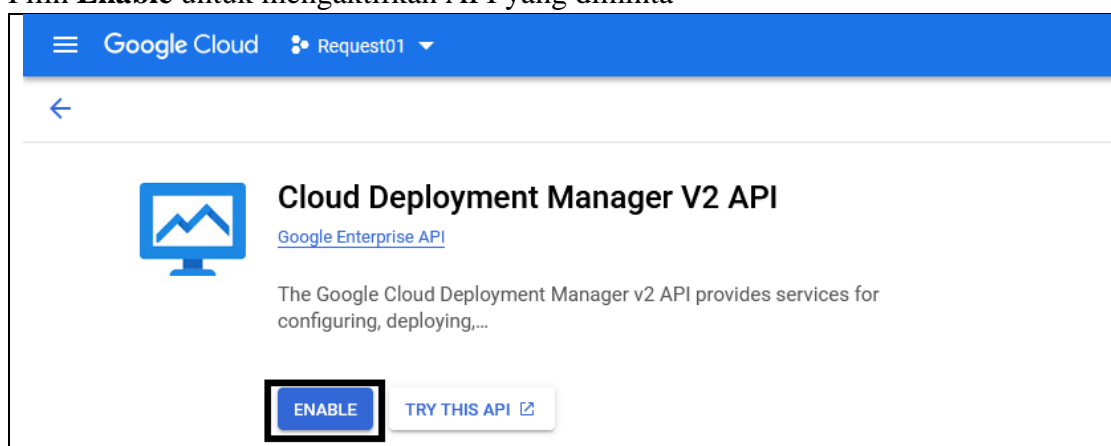
**Stop VM instance "uji1-vm"** 5 days ago  
SkripsiV2

**Create firewall rule "uji1-tcp-8000"** 5 days ago

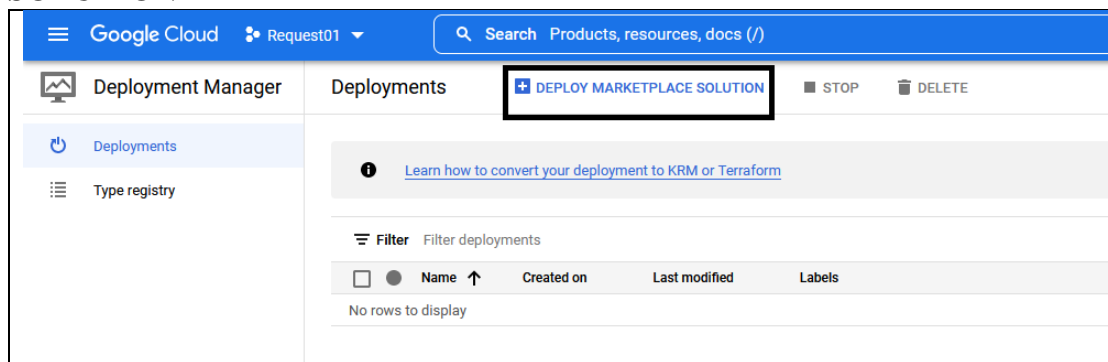
5. Setelah masuk ke dalam project yang baru saja dibuat lalu pilih Menu (Pojok kiri atas) lalu gulir ke bawah dan pilih Deployment Manager



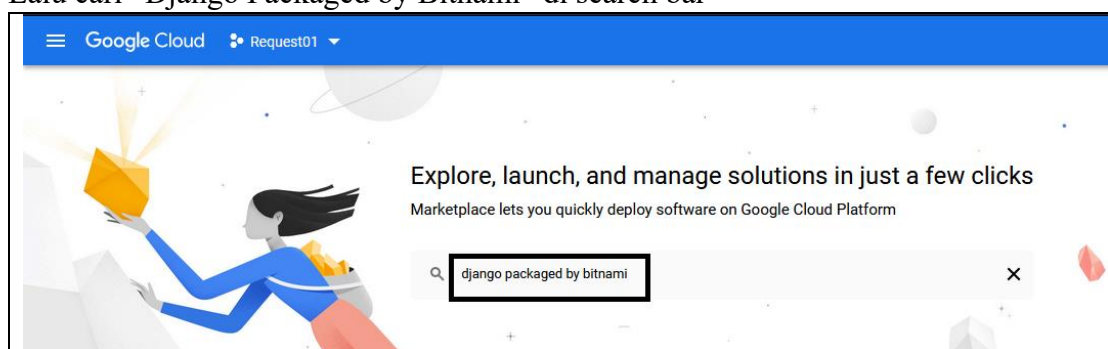
6. Pilih **Enable** untuk mengaktifkan API yang diminta



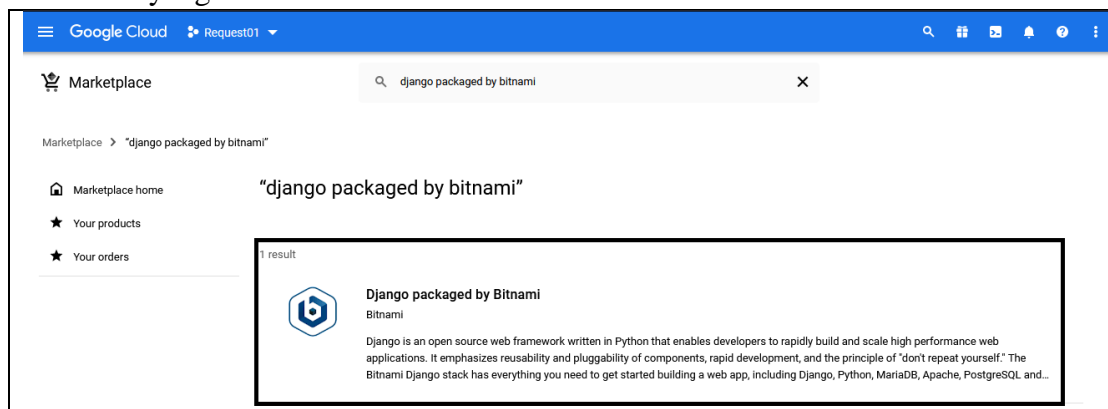
7. Tampilan setelah API berhasil dinyalakan lalu pilih **DEPLOY MARKETPLACE SOLUTION**



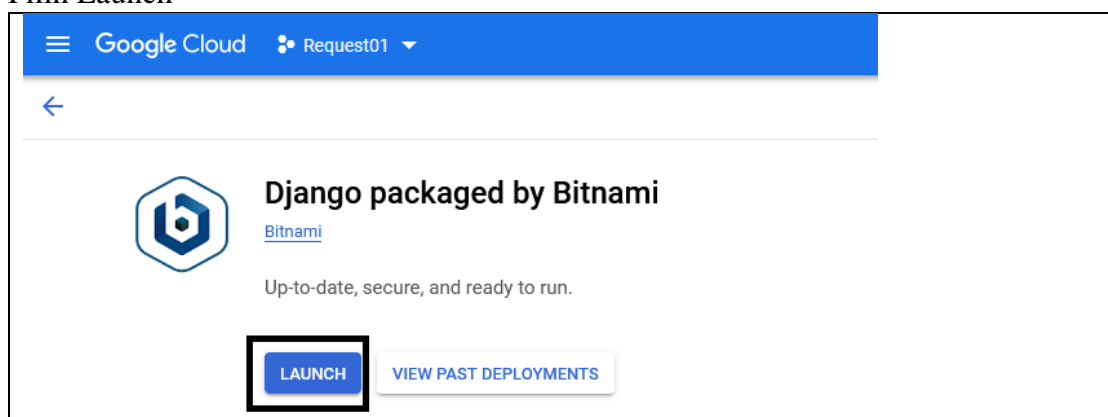
8. Lalu cari “Django Packaged by Bitnami” di search bar



9. Pilih SaaS yang sudah tersedia



10. Pilih Launch



## 11. Pilih **ENABLE** untuk mengaktifkan API yang diminta

Google Cloud Request01

New Django packaged by Bitnami deployment

Enable required APIs

1

The following APIs are required to deploy a VM product from Marketplace

Compute Engine API

Not enabled

Cloud Deployment Manager V2 API

Enabled

Cloud Runtime Configuration API

Not enabled

ENABLE

SEND FEEDBACK

12. Masukkan beberapa data dengan ketentuan berikut
- Deployment name isi dengan nama deployment
  - Zone isi dengan zona terdekat yaitu Asia-Southeast1-a
  - Series isi dengan E2
  - Lalu centang I Accept .... Dan pilih Deploy

### New Django packaged by Bitnami deployment

Deployment name \*  
hangga2

Zone  
asia-southeast1-a

**Machine type**


Machine family  
**GENERAL-PURPOSE** COMPUTE-OPTIMIZED MEMORY-OPTIMIZED

Machine types for common workloads, optimized for cost and flexibility

Series  
E2

CPU platform selection based on availability

Machine type  
e2-medium (2 vCPU, 4 GB memory)

vCPU  
1-2 vCPU (1 shared core)

Memory  
4 GB

**Boot Disk**

Boot disk type \*  
Standard Persistent Disk

Boot disk size in GB \*  
10

**Networking**

Network interfaces  
default default (10.148.0.0/20)

ADD NETWORK INTERFACE

**Firewall**

Add tags and firewall rules to allow specific network traffic from the Internet

Creating certain firewall rules may expose your instance to the Internet. Please check if the rules you are creating are aligned with your security preferences. [Learn more](#)

☒ Allow HTTP traffic from the Internet


Source IP ranges for HTTP traffic

☒ Allow HTTPS traffic from the Internet

Source IP ranges for HTTPS traffic

☒ I accept the [GCP Marketplace Terms of Service](#) and [Bitnami Terms of Service](#).

DEPLOY

 **Django pack**  
Product provided by:

Bitnami Django Stack Usage Fee  
Bitnami does not charge a usage fee.

**Infrastructure fee**  
VM instance: 1 shared vCPU +  
Standard Persistent Disk: 10GB  
Sustained use discount

**Estimated monthly total**

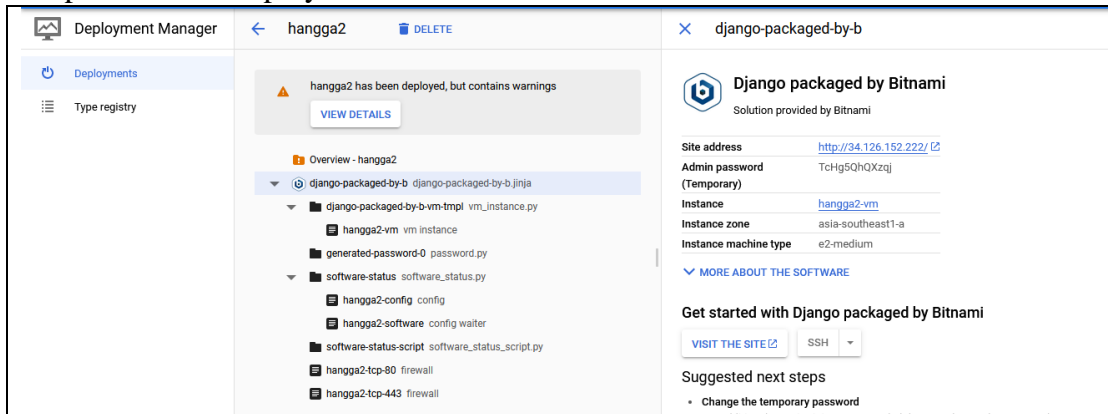
All products are priced in USD at the time of purchase. The price for this month is in IDR.

Prices are estimated based on 3 months of usage. Actual prices may not reflect all Google Cloud products consumed by this product (e.g., Cloud Storage). Bitnami may be able to provide discounts on certain products based on your laaS consumption.

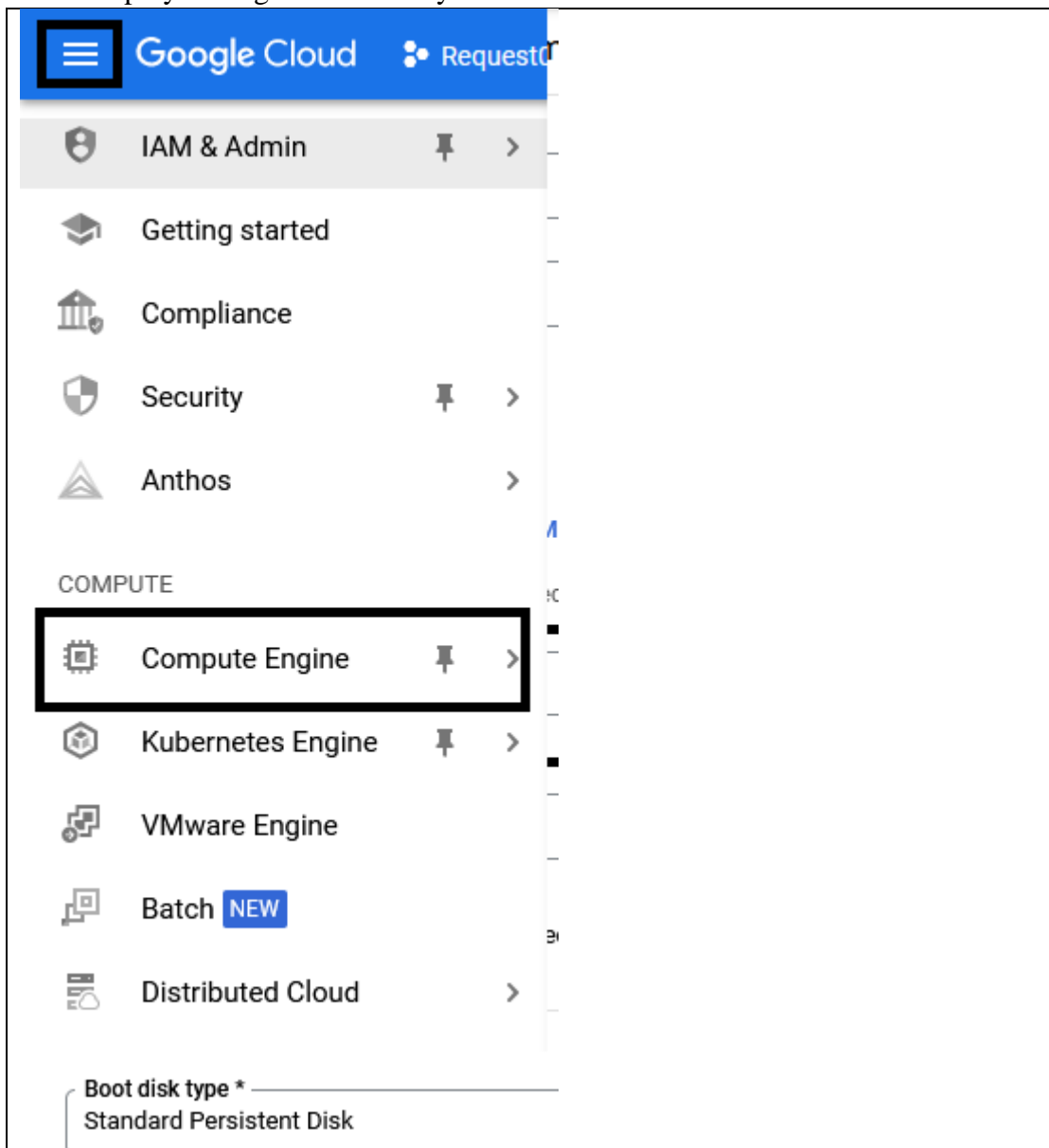
Operating System	Debian
Software	setuptools
	pip
	virtualenv
	PyYAML
	MySQL
	Redis
	waitress
	Bitnami
	Exchange
	MySQL
	Apache
	Apache
	MySQL
	MySQL
	Apache
	Font
	Go
	mc
	go
	No
	Bn
	rer
	pyl
	ps
	Dje



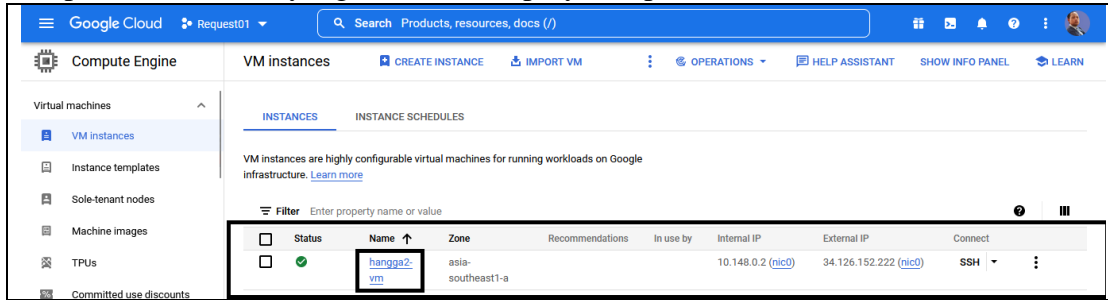
### 13. Tampilan setelah deployment berhasil



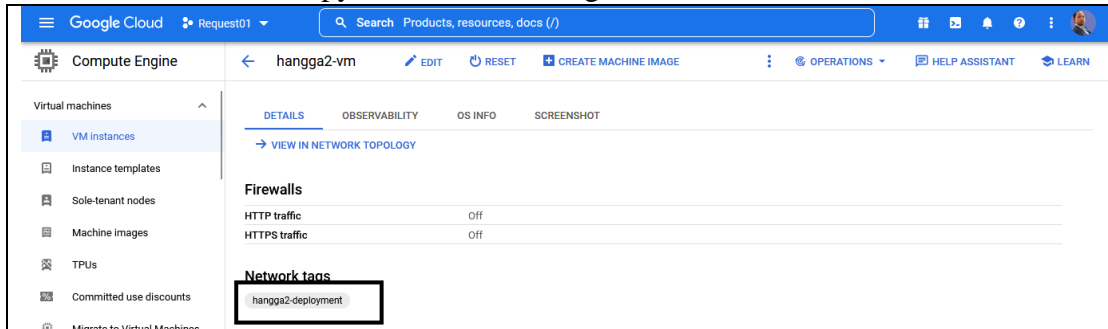
### 14. Pilih Menu (Pojok kiri atas) lalu pilih Compute Engine untuk melihat server yang telah didploy di langkah sebelumnya



## 15. Tampilan VM/Server yang berhasil dideploy lalu pilih nama VM

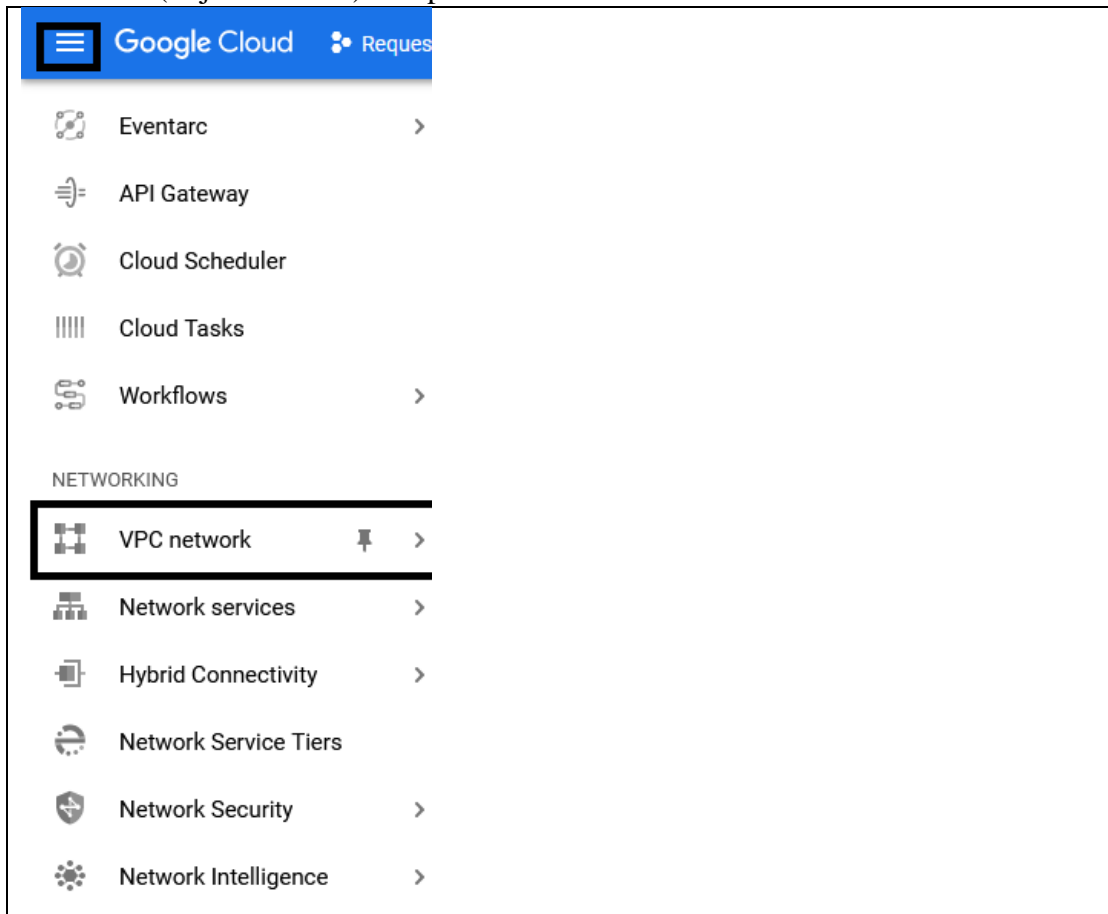


## 16. Lalu untuk sementara copy/salin Network Tags



## Setting VPC TCP-8000

### 1. Pilih Menu (Pojok kiri atas) lalu pilih VPC Network



## 2. Tampilan VPC Network, lalu pilih Firewall

Google Cloud

Request01

Search

Products, resources, docs (/)

VPC network

VPC networks

CREATE VPC NETWORK

REFRESH

VPC networks

IP addresses

Bring your own IP

Firewall

Routes

VPC network peering

Shared VPC

Serverless VPC access

Packet mirroring

Network Service tiers

Network Security

Network Intelligence

SMTP port 25 disallowed in this project

Name	Region	Subnets	MTU	Mode	Interface
default		34	1460	Auto	None
	us-central1	default			10.0.0.0/24
	eu-west-1	default			10.0.0.0/24
	us-west1	default			10.0.0.0/24
	asia-east1	default			10.0.0.0/24
	us-east1	default			10.0.0.0/24
	asia-northeast1	default			10.0.0.0/24

### 3. Tampilan Firewall lalu pilih Create Firewall Rule

The screenshot shows the Google Cloud console interface. At the top, there's a navigation bar with the Google Cloud logo, a search bar, and a user profile icon. Below this, the left sidebar contains a list of network-related services: VPC network, IP addresses, Bring your own IP, Firewall (selected), Routes, VPC network peering, Shared VPC, Serverless VPC access, and Packet mirroring. The main content area is titled 'Firewall' and includes a 'CREATE FIREWALL POLICY' button and a 'CREATE FIREWALL RULE' button, which is highlighted with a red rectangular box. Below the buttons, there's a section for 'VPC firewall rules' with a description and a 'Learn more' link. A note mentions that App Engine firewalls are managed in a specific section. A warning icon indicates that SMTP port 25 is disallowed. Below this, there are buttons for 'REFRESH', 'CONFIGURE LOGS', and 'DELETE'. A 'Filter' input field is present above a table of firewall rules. The table has columns for Name, Type, Targets, Filters, Protocols / ports, Action, Priority, Network, Logs, and Hit. Two rules are listed: 'hanga2-tcp-443' and 'hanga2-tcp-80', both of type 'Ingress' and targeting 'hanga2-de'. The 'Network' column for both rules shows 'default' with a dropdown arrow. The 'Logs' column shows 'Off'.

4. Masukkan data dengan ketentuan berikut
  - a. Name isi dengan nama Firewall
  - b. Targets pilih **Specified target tags**
  - c. Target tags isi dengan **Network tags yang telah disalin** dari VM/server deployment sebelumnya
  - d. Source filter isi dengan **IPv4 ranges**
  - e. Source Ipv4 ranges isi dengan 0.0.0.0/0
  - f. Pilih **Specified field protocols and ports**
  - g. Centang **TCP** lalu isi dengan ports **8000** lalu pilih Create

Google Cloud

Request01

Search Products, resources, docs (/)

VPC network

VPC networks

IP addresses

Bring your own IP

Firewall

Routes

VPC network peering

Shared VPC

Serverless VPC access

Packet mirroring

Create a firewall rule

Firewall rules control incoming or outgoing traffic to an instance. By default, incoming traffic from outside your network is blocked. [Learn more](#)

Name \*

hangga2-tcp-8000

Lowercase letters, numbers, hyphens allowed

Description

Logs

Turning on firewall logs can generate a large number of logs which can increase costs in Cloud Logging. [Learn more](#)

On

Off

Network \*

default

Priority \*

1000

CHECK PRIORITY OF OTHER FIREWALL RULES

Priority can be 0 - 65535

Direction of traffic

Ingress

Egress

Action on match

Allow

Deny

Targets

Specified target tags

Target tags \*

hangga2-deployment

Source filter

IPv4 ranges

Source IPv4 ranges \*

0.0.0.0/0

for example, 0.0.0.0/0, 192.168.2.0/24

Second source filter

None

Protocols and ports

Allow all

Specified protocols and ports

TCP

Ports

8000

E.g. 20, 50-60

UDP

Ports

E.g. all

Other

Protocols

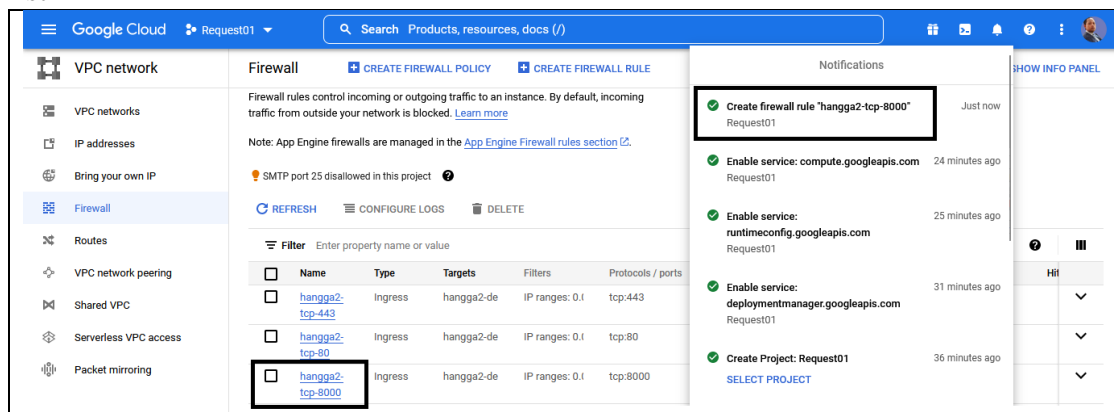
Separate multiple protocols by commas, e.g. ah, sctp

DISABLE RULE

CREATE

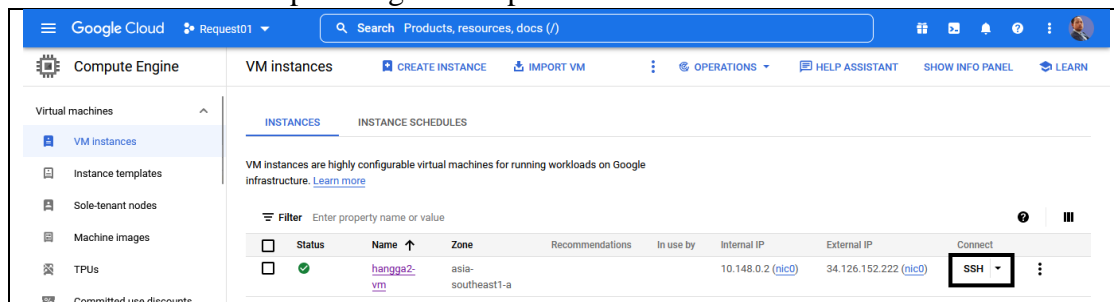
CANCEL

5. Tampilan jika firewall berhasil dibuat maka akan muncul notif dan firewall berada di list

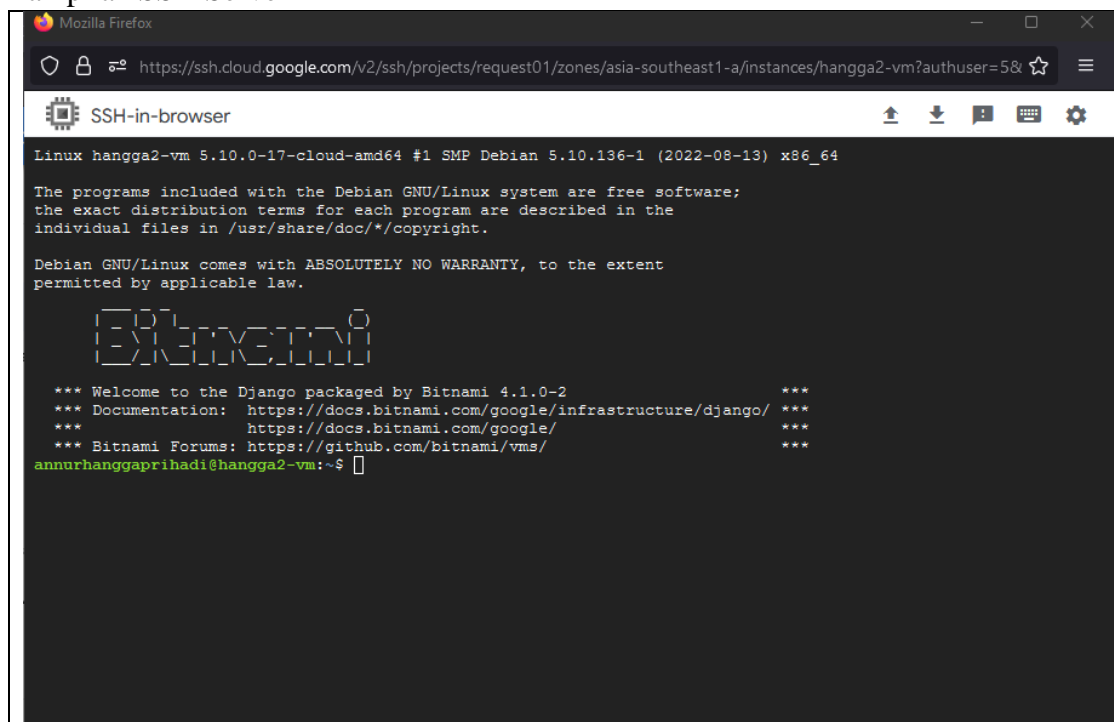


## Deploy CMS Python di VM/Server

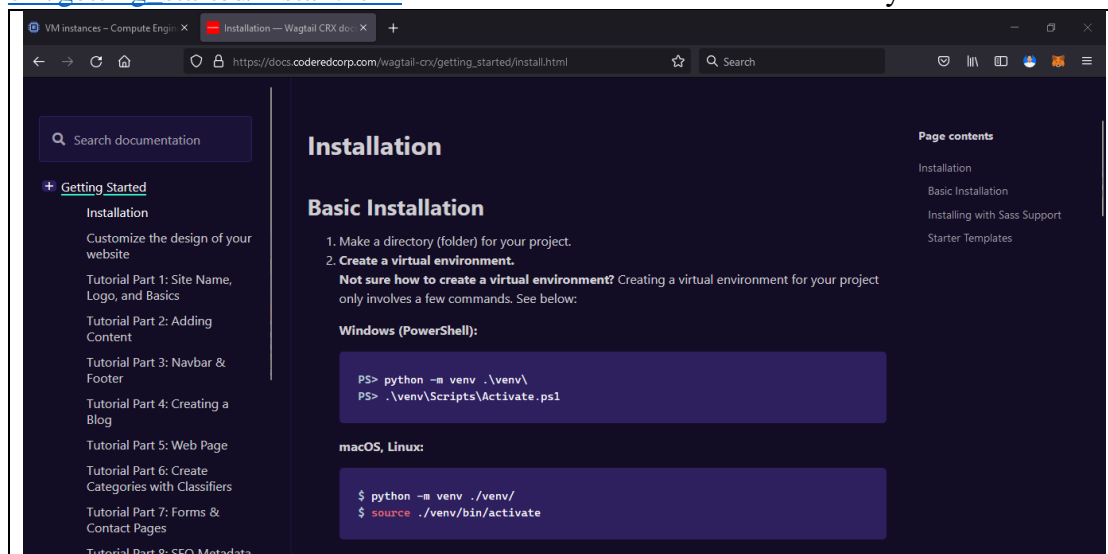
1. Masuk ke dalam Compute Engine lalu pilih SSH



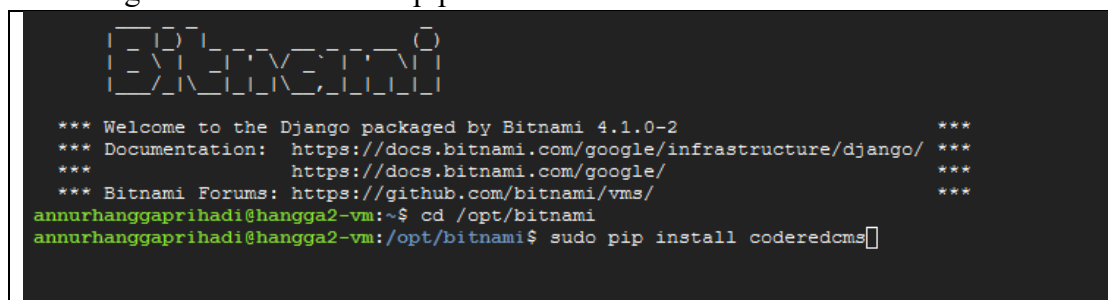
2. Tampilan SSH Server



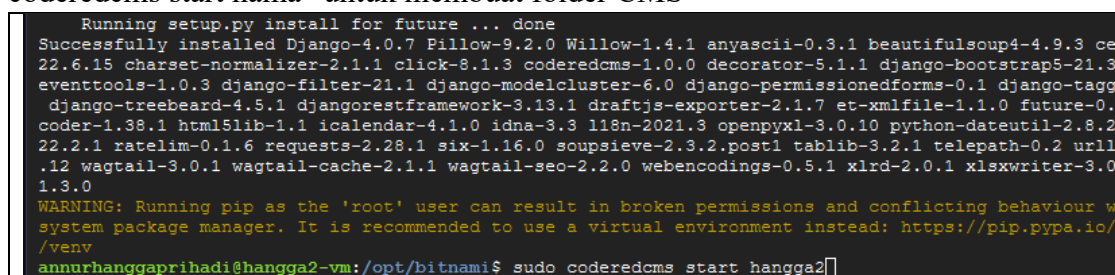
3. Buka tautan berikut “[https://docs.coderedcorp.com/wagtail-crx/getting\\_started/install.html](https://docs.coderedcorp.com/wagtail-crx/getting_started/install.html)” untuk melihat cara instalasi CMS Python di Server



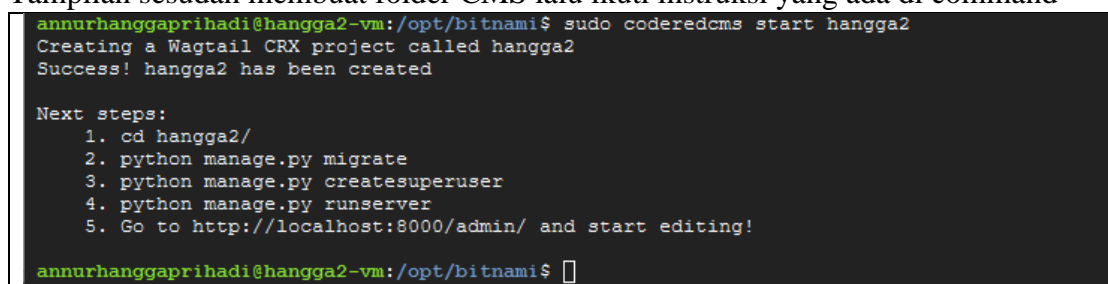
4. Kembali ke SSH Server lalu masuk ke directory berikut “/opt/bitnami” dengan cara mengetik command berikut “cd /opt/bitnami” lalu install CMS Coderedcms dengan cara mengetik command “sudo pip install coderedcms”



5. Tampilan setelah berhasil install coderedcms, lalu ketik commad berikut “sudo coderedcms start nama” untuk membuat folder CMS



6. Tampilan sesudah membuat folder CMS lalu ikuti instruksi yang ada di command



7. Pindah ke directory sesuai nama folder CMS dengan cara ketik command “cd namafolder”

```
Next steps:
1. cd hangga2/
2. python manage.py migrate
3. python manage.py createsuperuser
4. python manage.py runserver
5. Go to http://localhost:8000/admin/ and start editing!

annurhanggaprihadi@hangga2-vm:/opt/bitnami$ cd hangga2/
annurhanggaprihadi@hangga2-vm:/opt/bitnami/hangga2$
```

8. Lalu lakukan langkah ke 2 sesuai instruksi untuk migrasi database sesuai dengan aturan framework dengan cara ketik “sudo python manage.py migrate”

```
Next steps:
1. cd hangga2/
2. python manage.py migrate
3. python manage.py createsuperuser
4. python manage.py runserver
5. Go to http://localhost:8000/admin/ and start editing!

annurhanggaprihadi@hangga2-vm:/opt/bitnami$ cd hangga2/
annurhanggaprihadi@hangga2-vm:/opt/bitnami/hangga2$ sudo python manage.py migrate
Operations to perform:
  Apply all migrations: admin, auth, coderedcms, contenttypes, sessions, taggit, wagtailadmin, wagtailcore,
  wagtaildocs, wagtailembeds, wagtailforms, wagtailimages, wagtailredirects, wagtailsearch, wagtailseo, wagtailusers, website
Running migrations:
  Applying contenttypes.0001_initial... OK
  Applying auth.0001_initial... OK
  Applying admin.0001_initial... OK
  Applying admin.0002_logentry_remove_auto_add... OK
  Applying admin.0003_logentry_add_action_flag_choices... OK
  Applying contenttypes.0002_remove_content_type_name... OK
  Applying auth.0002_alter_permission_name_max_length... OK
```

9. Lalu lakukan langkah ke 3 sesuai instruksi untuk membuat super user dengan cara ketik “sudo python manage.py createsuperuser” lalu input data dengan ketentuan berikut
- Username isi dengan nama user
  - Email address isi dengan email
  - Password isi dengan password (Saat isi password memang tidak akan muncul huruf di SSH)
  - Password (again) isi dengan password yang sama

```
annurhanggaprihadi@hangga2-vm:/opt/bitnami/hangga2$ sudo python manage.py createsuperuser
Username (leave blank to use 'root'): hangga
Email address: misterxp66@gmail.com
Password:
Password (again):
Superuser created successfully.
annurhanggaprihadi@hangga2-vm:/opt/bitnami/hangga2$
```

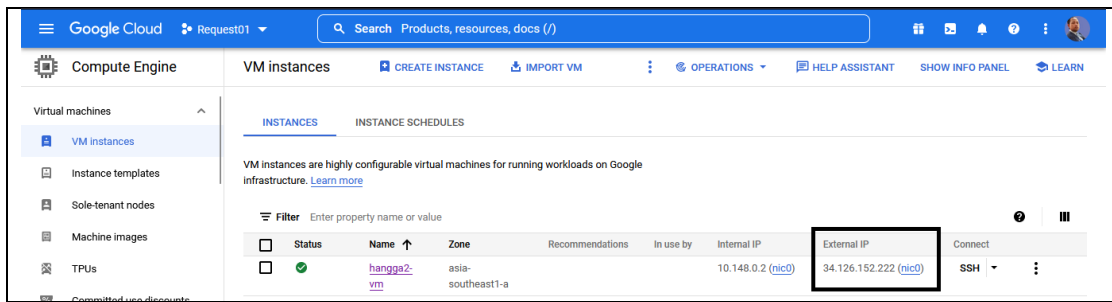
10. Lalu lakukan langkah ke 4 sesuai instruksi untuk menjalankan server dengan cara ketik command “sudo python manage.py runserver 0.0.0.0:8000”

```
annurhanggaprihadi@hangga2-vm:/opt/bitnami/hangga2$ sudo python manage.py runserver 0.0.0.0:8000
Watching for file changes with StatReloader
Performing system checks...

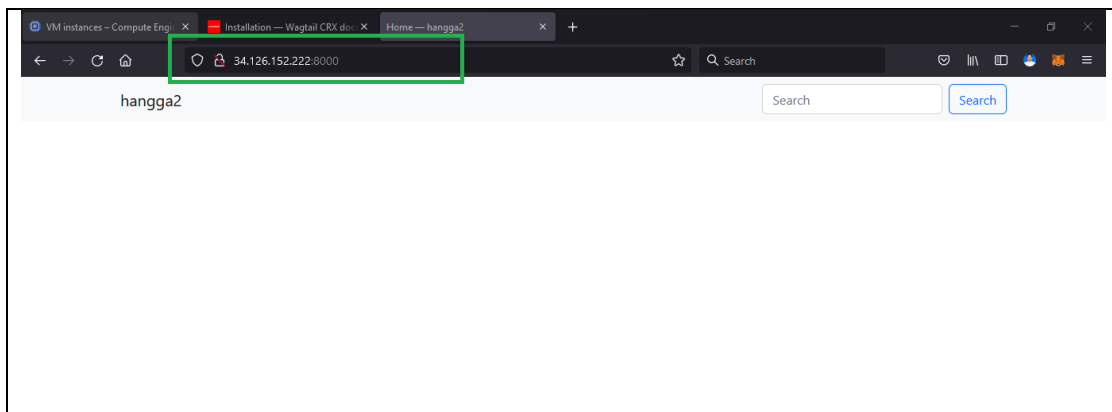
System check identified no issues (0 silenced).
August 24, 2022 - 22:55:09
Django version 4.0.7, using settings 'hangga2.settings.dev'
Starting development server at http://0.0.0.0:8000/
Quit the server with CONTROL-C.
```



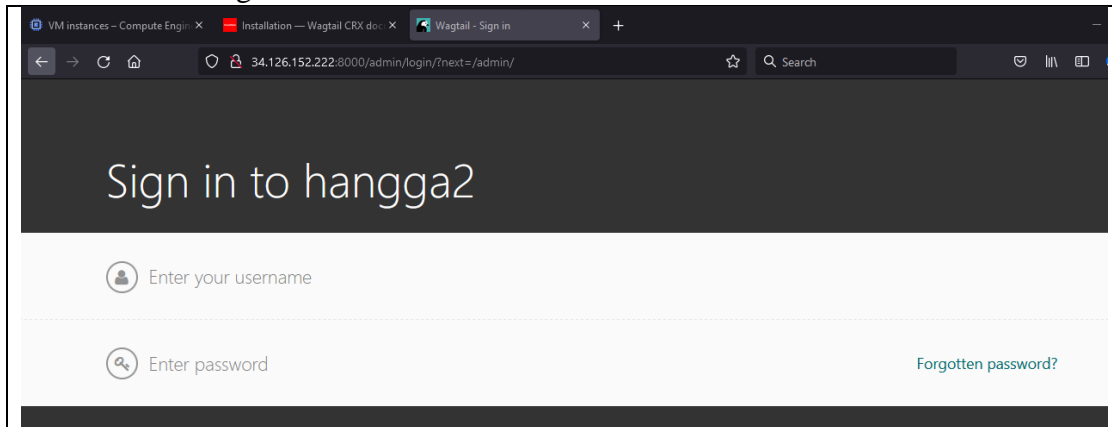
11. Buka CMS di browser dengan cara kembali ke tampilan Compute Engine lalu salin External IP



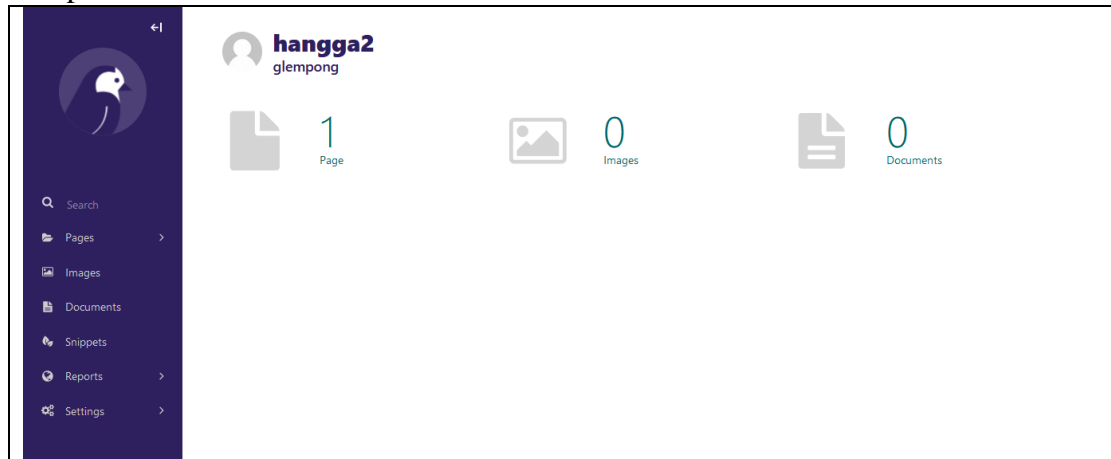
12. Lalu tempelkan External IP di address bar browser lalu tambahkan port 8000 seperti berikut “34.126.152.222:8000”



13. Lalu untuk masuk ke bagian admin bisa ditambahkan “/admin” di belakang port seperti berikut “34.126.152.222:8000/admin” selanjutnya masukkan superuser yang telah dibuat di langkah nomor 9

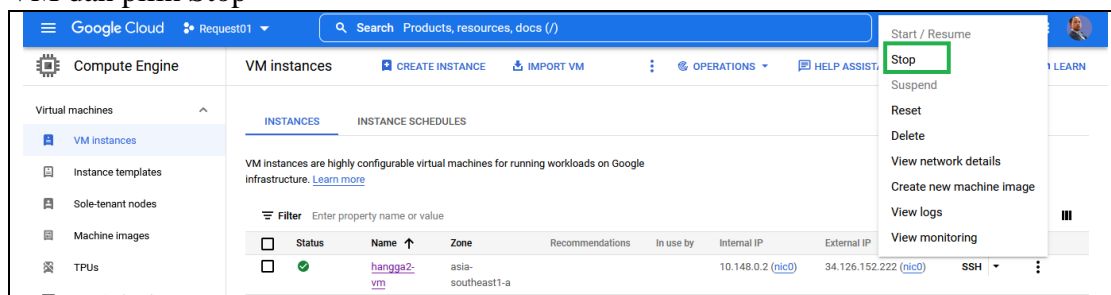


#### 14. Tampilan dashboard admin CMS



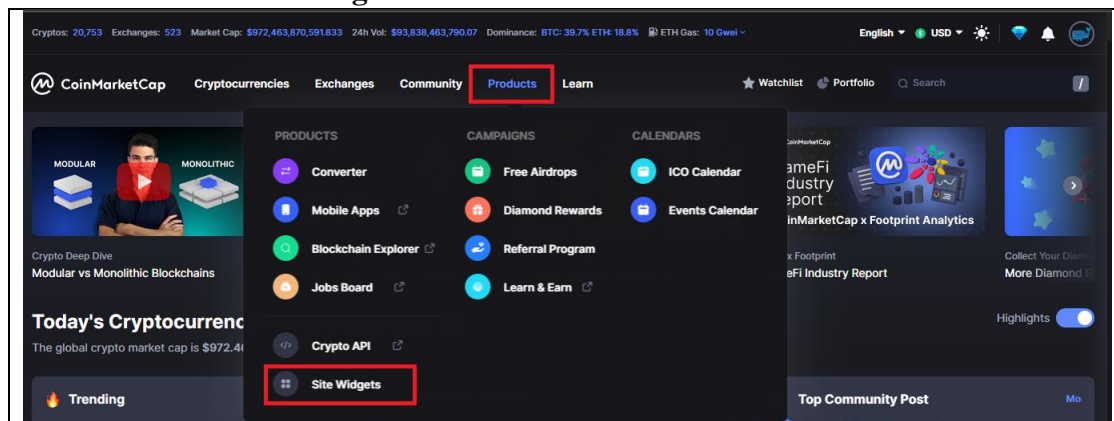
15. Langkah selanjutnya untuk memodifikasi konten CMS bisa diikuti sesuai saran dari instruksi pada tautan berikut [https://docs.coderedcorp.com/wagtail-crx/getting\\_started/tutorial01.html](https://docs.coderedcorp.com/wagtail-crx/getting_started/tutorial01.html)

16. Untuk mematikan server bisa kembali ke Compute Engine lalu pilih titik tiga pada VM dan pilih Stop

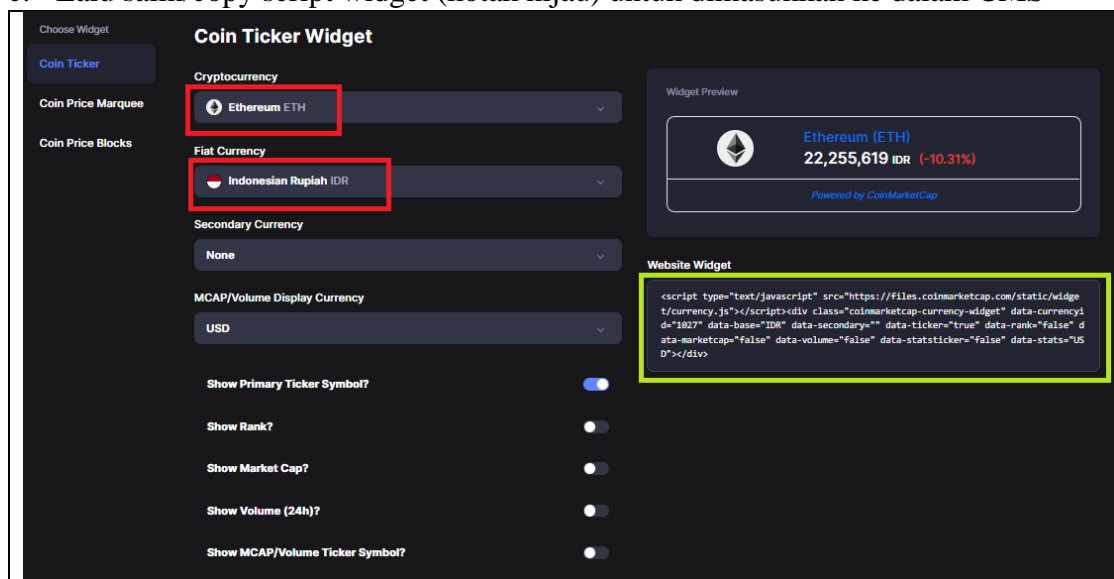


## Membuat Widget Harga Kripto

1. Buka [coinmarketcap.com](https://coinmarketcap.com)
2. Pilih **Products > Site Widget**

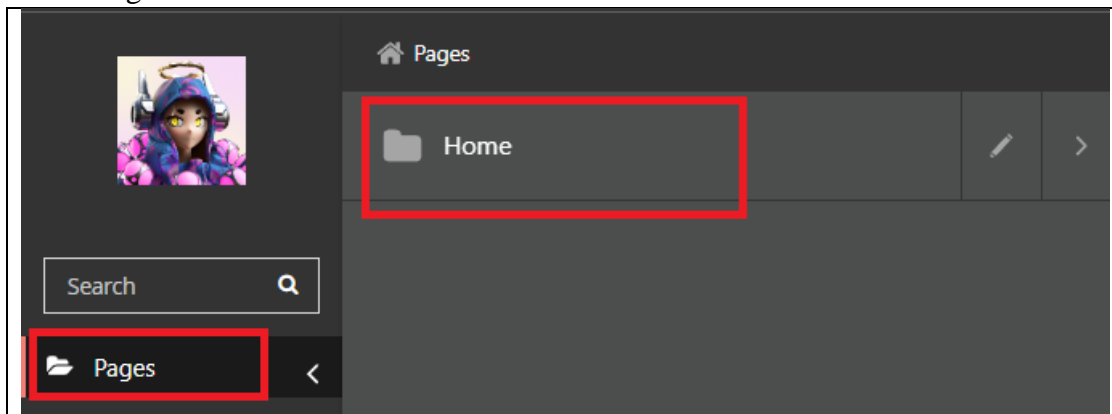


3. Input beberapa data dengan ketentuan berikut
  - a. Cryptocurrency pilih koin yang diinginkan (Contohnya **Ethereum**)
  - b. Fiat Currency pilih mata uang yang diinginkan (Contohnya **Rupiah**)
  - c. Lalu salin/copy script widget (kotak hijau) untuk dimasukkan ke dalam CMS

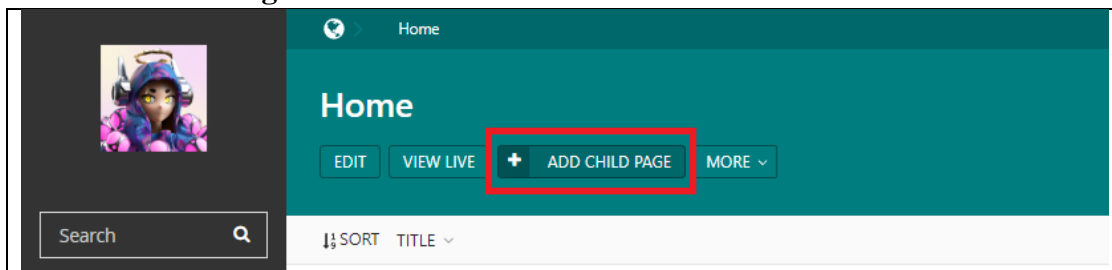


## Modifikasi konten CMS seperti Skripsi Hangga

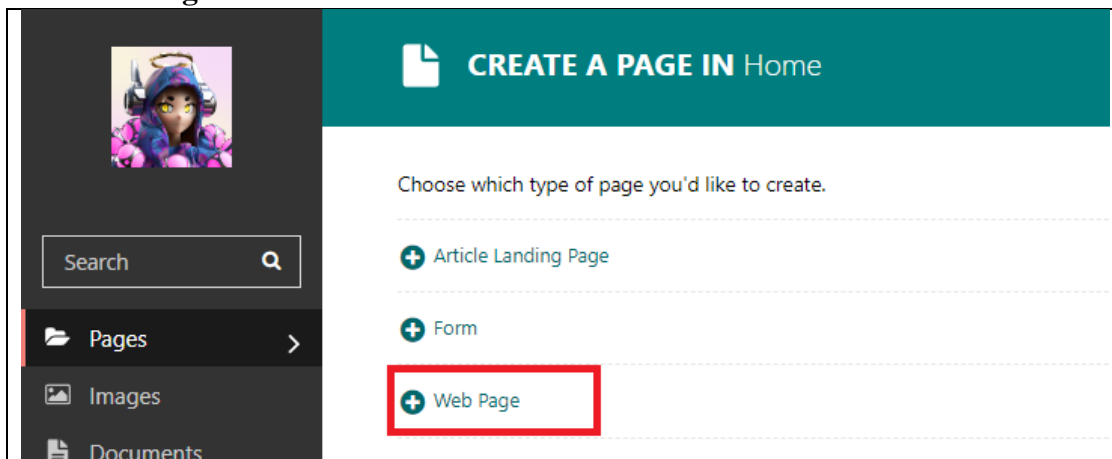
1. Tekan Pages > Home



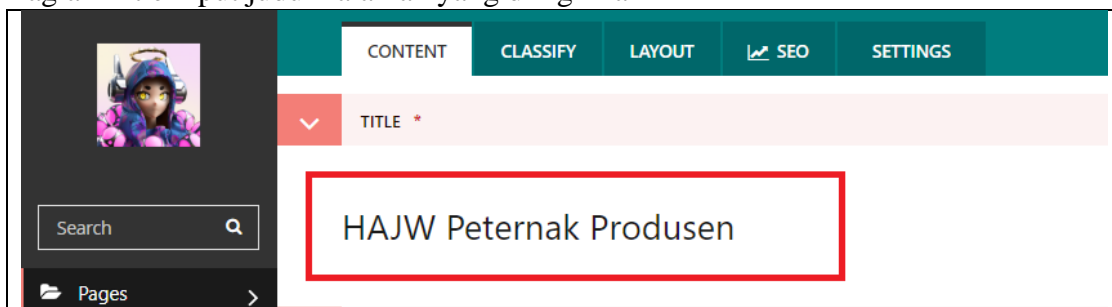
2. Pilih Add Child Page



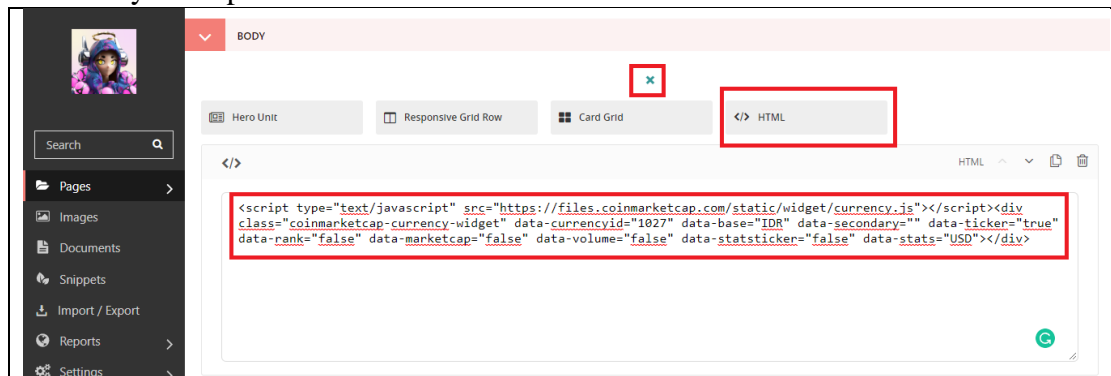
3. Pilih Web Page



4. Bagian Title input judul halaman yang diinginkan



5. Bagian Body pilih **HTML** lalu tempel/paste script harga kripto yang sudah disalin sebelumnya dari poin 3c



6. Ikuti ketentuan pengisian data seperti gambar di bawah

HomeHAJW Peternak Produsen

HAJW Peternak Produsen

Published 2 days agoHistoryWeb Page

CONTENTCLASSIFYLAYOUTSEOSETTINGS

TITLE

HAJW Peternak Produsen

The page title as you'd like it to be seen by the public

COVER IMAGE

CHOOSE AN IMAGE

BODY

HTML

<script type="text/javascript" src="https://files.coinmarketcap.com/static/widget/currency.js"></script><div class="coinmarketcap-currency-widget" data-currencyid="1027" data-base="IDR" data-secondary="" data-ticker="true" data-rank="false" data-marketcap="false" data-volume="false" data-statsticker="false" data-stats="USD"></div>

Responsive Grid Row

ADVANCED SETTINGS

Full width

Content

Column

ADVANCED SETTINGS

Column size

Thirds - 1/3 column

Content

Card

ADVANCED SETTINGS

Image

CLEAR CHOICECHANGE IMAGEEDIT THIS IMAGE

Title

Ayam XX

Subtitle

Body

From: peternakayam.ethTo: produsenayam.eth

Links

Button Link

ADVANCED SETTINGS

Page link

Document link

Other link

Button Title

Button Style

Button Size

https://goerli.etherscan.io/tx/0x96TxnOutline DangerDefault

Column

ADVANCED SETTINGS

Column size

Thirds - 1/3 column

Content

Text

B H2 H3 H4

Description

Ayam XX adalah ayam pilihan Adipiscing magnis viverra non parturient id lectus adipiscing rhoncus facilisis tristique tristique viverra elit id placerat condimentum litora sit placerat fringilla risus nec nunc id condimentum adipiscing a.

Column

ADVANCED SETTINGS

Column size

Thirds - 1/3 column

Content

Google Map

ADVANCED SETTINGS

Search query

Map title

Google place ID

Map zoom level

-7.588055, 112.095836Peternak Ayam10

7. Jika sudah mengisi ketentuan data di atas lalu pilih publish

Search query: -7.588055, 112.095836  
Address or search term used to find your location on the map.

Map title: Peternak Ayam  
Map title for screen readers, ex: "Map to Goodale Park"

Google place ID:   
Requires API key to use place ID.

Map zoom level: 10  
Requires API key to use zoom. 1: World, 5: Landmass/continent, 10: City, 15: Streets, 20: Buildings

DELETED  
LOCKED  
UNPUBLISHED  
PUBLISHED  
SUBMIT TO MODERATORS APPROVAL  
SAVE DRAFT

PREVIEW

8. Jika sudah terpublish lalu tekan **Live View** atau **Live**

HAJW Peternak Produsen 2 days, 3 hours ago Web Page

LIVE