

1. Overview

Pengembangan awal sebagai salah satu tahap validasi produk sangat memperhatikan aspek ekonomi dan resource terkait teknologi yang digunakan dengan mempertimbangkan pengalaman, komunitas, tutorial, dokumentasi, scalable, reusable dan performa.

2. Database

Setelah membandingkan beberapa platform database, maka dipilihlah <https://planetscale.com>. Alasan menggunakan platform ini untuk mendapatkan yang free kita bisa mendapatkan sumber daya yang cukup besar di tahap awal.

Hobby	Scaler
One database per organization	Serverless applications with low traffic
Free	Starts at \$29/mo
<div><div>✓</div>5 GB storage</div> <div><div>✓</div>1 billion row reads/mo</div> <div><div>✓</div>10 million row writes/mo</div> <div><div>✓</div>1 production branch</div> <div><div>✓</div>1 development branch</div> <div><div>✓</div>Community support</div>	<div><div>✓</div>10 GB storage</div> <div><div>✓</div>100 billion row reads/mo</div> <div><div>✓</div>50 million row writes/mo</div> <div><div>✓</div>2 production branches</div> <div><div>✓</div>5 development branches</div> <div><div>✓</div>SSO available as an add-on</div> <div><div>✓</div>15 days audit log</div> <div><div>✓</div>Standard support</div>

3. Front End – Backend (FE – BE) by Next.js (<https://nextjs.org/>)

Kita menerapkan monolith (1 service FE dan BE) dengan menggunakan Next.js alasan framework ini cukup handal pada saat ini dengan popularitasnya, performa dan data fetching yang unik. Next.js juga memberika banyak pilihan kepada developer untuk melakukan data fetching.

4. Deployment

Pilihan deployment kita menggunakan 2 platform yaitu vercel dan netlify. Namun ditahap productionnya nanti kita akan memilih salah satu diantara keduanya.

<https://www.netlify.com/>

Welcome to Netlify 🌟

Bandwidth used

→

Build minutes used

→

Concurrent builds

→

Team members

→

4 MB/100 GB

18/300

0/1

2

netlify.com/pricing/

Referensi

moh.aminin@molad...

Moladin - Calendar...

Okta My Apps Dash...

Starter

The basics for personal projects, hobby sites, or experiments.

Start for free

Free to get started

✓

Deploy to global edge network

✓

Live site previews with a collaboration UI for team members

✓

Instant rollbacks to any version

✓

Deploy static assets & dynamic serverless functions

Pro

Advanced features and support for private organization Git repos.

Buy Pro

\$ 19 per member /month

✓

Starter features, plus:

✓

Background Functions

✓

Password-protected sites

✓

1TB bandwidth and 25k build minutes

✓

Audit logs with 7-day history

✓

Shared environment variables

✓

Slack & email notifications

✓

Email support

<https://vercel.com/>

	Hobby	Pro	Enterprise
Deployments Created per Day	100	6000	Custom
Serverless Functions Created per Deployment	12*	∞	∞
Serverless Function Execution Timeout (Seconds)	10	60	900
Proxied Request Timeout (Seconds)	30	30	30
Deployments Created from CLI per Week	2000	2000	Custom
Team Members per Team	-	10	Custom

	Hobby	Pro
Bandwidth	Up to 100 GB	Up to 1 TB
Serverless Function Execution	Up to 100 GB-Hrs	Up to 1000 GB-Hrs
Edge Middleware Invocations	Up to 1,000,000	Up to 1,000,000
Build Execution	Up to 100 Hrs	Up to 400 Hrs
Image Optimization Source Images	Up to 1000 Images	Up to 5000 Images
Remote Cache downloads	Up to 10GB	Up to 10GB
Remote Cache uploads	Up to 100GB	Up to 1TB