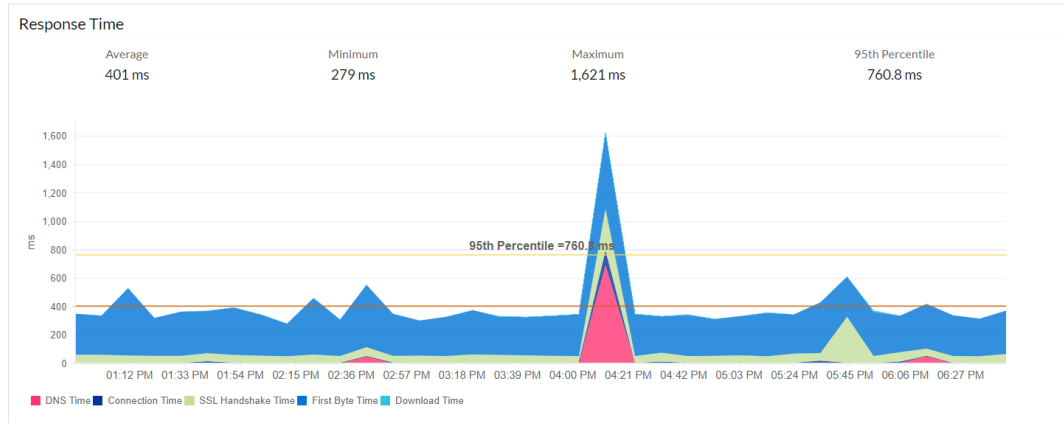
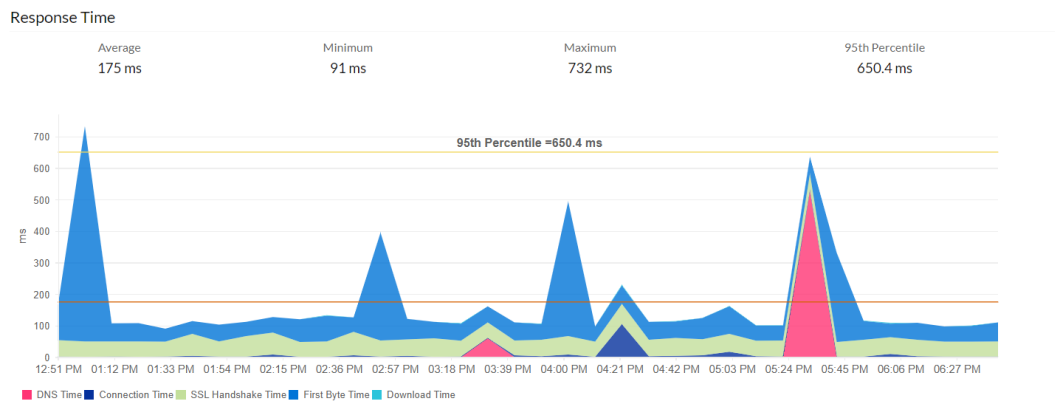


LAMPIRAN

LAMPIRAN 1 *Capture Hasil Pengujian Response Time*

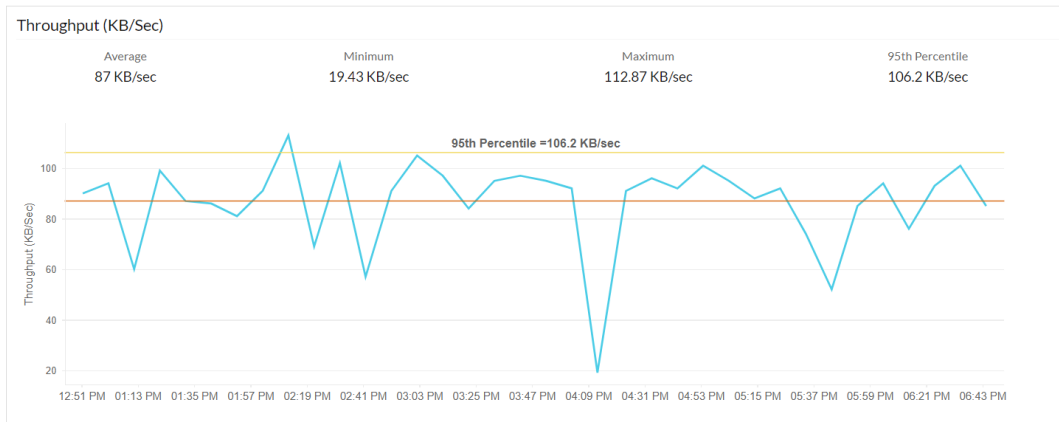


Lampiran 1.1 Hasil *Response Time Framework Laravel.*

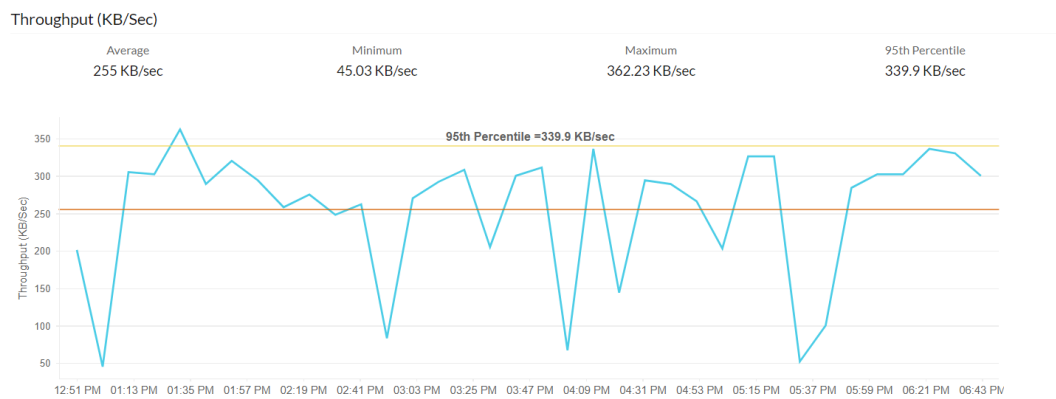


Lampiran 1.2 Hasil *Response Time Framework Codeigniter.*

LAMPIRAN 2 *Capture Hasil Pengujian Throughput*

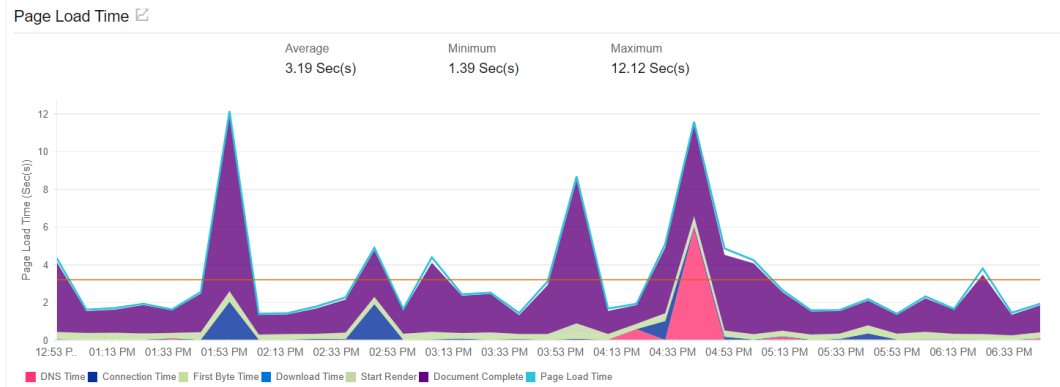


Lampiran 2.1 Hasil *Throughput Framework Laravel.*

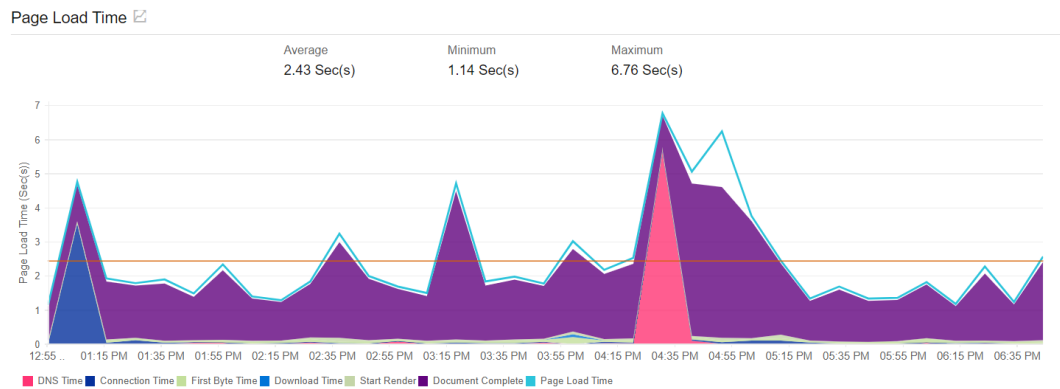


Lampiran 2.2 Hasil *Throughput Framework Codeigniter.*

LAMPIRAN 3 *Capture Hasil Pengujian Page Load Time*



Lampiran 3.1 Hasil *Page Load Time Framework Laravel.*



Lampiran 3. 2 Hasil *Page Load Time Framework Codeigniter.*

LAMPIRAN 4 *Capture Hasil Pengujian Request Per Second*

Server Software:	LiteSpeed	Server Software:	LiteSpeed
Server Hostname:	laravel.sasparts-ci.my.id	Server Hostname:	codeigniter.sasparts-ci.my.id
Server Port:	80	Server Port:	80
Document Path:	/	Document Path:	/
Document Length:	707 bytes	Document Length:	707 bytes
Concurrency Level:	100	Concurrency Level:	100
Time taken for tests:	4.810 seconds	Time taken for tests:	4.669 seconds
Complete requests:	100	Complete requests:	100
Failed requests:	0	Failed requests:	0
Non-2xx responses:	100	Non-2xx responses:	100
Total transferred:	93700 bytes	Total transferred:	94100 bytes
HTML transferred:	70700 bytes	HTML transferred:	70700 bytes
Requests per second:	20.79 [#/sec] (mean)	Requests per second:	21.42 [#/sec] (mean)
Time per request:	4809.726 [ms] (mean)	Time per request:	4669.375 [ms] (mean)
Time per request:	48.097 [ms] (mean, across all concurrent requests)	Time per request:	46.694 [ms] (mean, across all concurrent requests)
Transfer rate:	19.02 [Kbytes/sec] received	Transfer rate:	19.68 [Kbytes/sec] received

Lampiran 4.1 Pengujian Ke-1 *Request Per Second*.

Server Software:	LiteSpeed	Server Software:	LiteSpeed
Server Hostname:	laravel.sasparts-ci.my.id	Server Hostname:	codeigniter.sasparts-ci.my.id
Server Port:	80	Server Port:	80
Document Path:	/	Document Path:	/
Document Length:	707 bytes	Document Length:	707 bytes
Concurrency Level:	100	Concurrency Level:	100
Time taken for tests:	4.573 seconds	Time taken for tests:	4.683 seconds
Complete requests:	100	Complete requests:	100
Failed requests:	0	Failed requests:	0
Non-2xx responses:	100	Non-2xx responses:	100
Total transferred:	93700 bytes	Total transferred:	94100 bytes
HTML transferred:	70700 bytes	HTML transferred:	70700 bytes
Requests per second:	21.87 [#/sec] (mean)	Requests per second:	21.35 [#/sec] (mean)
Time per request:	4572.891 [ms] (mean)	Time per request:	4682.965 [ms] (mean)
Time per request:	45.729 [ms] (mean, across all concurrent requests)	Time per request:	46.830 [ms] (mean, across all concurrent requests)
Transfer rate:	20.01 [Kbytes/sec] received	Transfer rate:	19.62 [Kbytes/sec] received

Lampiran 4.2 Pengujian Ke-2 *Request Per Second*.

Server Software:	LiteSpeed	Server Software:	LiteSpeed
Server Hostname:	laravel.sasparts-ci.my.id	Server Hostname:	codeigniter.sasparts-ci.my.id
Server Port:	80	Server Port:	80
Document Path:	/	Document Path:	/
Document Length:	707 bytes	Document Length:	707 bytes
Concurrency Level:	100	Concurrency Level:	100
Time taken for tests:	4.631 seconds	Time taken for tests:	5.414 seconds
Complete requests:	100	Complete requests:	100
Failed requests:	0	Failed requests:	0
Non-2xx responses:	100	Non-2xx responses:	100
Total transferred:	93700 bytes	Total transferred:	94100 bytes
HTML transferred:	70700 bytes	HTML transferred:	70700 bytes
Requests per second:	21.59 [#/sec] (mean)	Requests per second:	18.47 [#/sec] (mean)
Time per request:	4631.163 [ms] (mean)	Time per request:	5413.768 [ms] (mean)
Time per request:	46.312 [ms] (mean, across all concurrent requests)	Time per request:	54.138 [ms] (mean, across all concurrent requests)
Transfer rate:	19.76 [Kbytes/sec] received	Transfer rate:	16.97 [Kbytes/sec] received

Lampiran 4.3 Pengujian Ke-3 *Request Per Second*.

Server Software:	LiteSpeed	Server Software:	LiteSpeed
Server Hostname:	laravel.sasparts-ci.my.id	Server Hostname:	codeigniter.sasparts-ci.my.id
Server Port:	80	Server Port:	80
Document Path:	/	Document Path:	/
Document Length:	707 bytes	Document Length:	707 bytes
Concurrency Level:	100	Concurrency Level:	100
Time taken for tests:	4.640 seconds	Time taken for tests:	5.097 seconds
Complete requests:	100	Complete requests:	100
Failed requests:	0	Failed requests:	0
Non-2xx responses:	100	Non-2xx responses:	100
Total transferred:	93700 bytes	Total transferred:	94100 bytes
HTML transferred:	70700 bytes	HTML transferred:	70700 bytes
Requests per second:	21.55 [#/sec] (mean)	Requests per second:	19.62 [#/sec] (mean)
Time per request:	4640.397 [ms] (mean)	Time per request:	5096.918 [ms] (mean)
Time per request:	46.404 [ms] (mean, across all concurrent requests)	Time per request:	50.969 [ms] (mean, across all concurrent requests)
Transfer rate:	19.72 [Kbytes/sec] received	Transfer rate:	18.03 [Kbytes/sec] received

Lampiran 4.4 Pengujian Ke-4 Request Per Second.

Server Software:	LiteSpeed	Server Software:	LiteSpeed
Server Hostname:	laravel.sasparts-ci.my.id	Server Hostname:	codeigniter.sasparts-ci.my.id
Server Port:	80	Server Port:	80
Document Path:	/	Document Path:	/
Document Length:	707 bytes	Document Length:	707 bytes
Concurrency Level:	100	Concurrency Level:	100
Time taken for tests:	4.591 seconds	Time taken for tests:	4.609 seconds
Complete requests:	100	Complete requests:	100
Failed requests:	0	Failed requests:	0
Non-2xx responses:	100	Non-2xx responses:	100
Total transferred:	93700 bytes	Total transferred:	94100 bytes
HTML transferred:	70700 bytes	HTML transferred:	70700 bytes
Requests per second:	21.78 [#/sec] (mean)	Requests per second:	21.70 [#/sec] (mean)
Time per request:	4591.127 [ms] (mean)	Time per request:	4609.323 [ms] (mean)
Time per request:	45.911 [ms] (mean, across all concurrent requests)	Time per request:	46.093 [ms] (mean, across all concurrent requests)
Transfer rate:	19.93 [Kbytes/sec] received	Transfer rate:	19.94 [Kbytes/sec] received

Lampiran 4.5 Pengujian Ke-5 Request Per Second.

Server Software:	LiteSpeed	Server Software:	LiteSpeed
Server Hostname:	laravel.sasparts-ci.my.id	Server Hostname:	codeigniter.sasparts-ci.my.id
Server Port:	80	Server Port:	80
Document Path:	/	Document Path:	/
Document Length:	707 bytes	Document Length:	707 bytes
Concurrency Level:	100	Concurrency Level:	100
Time taken for tests:	5.127 seconds	Time taken for tests:	5.414 seconds
Complete requests:	100	Complete requests:	100
Failed requests:	0	Failed requests:	0
Non-2xx responses:	100	Non-2xx responses:	100
Total transferred:	93700 bytes	Total transferred:	94100 bytes
HTML transferred:	70700 bytes	HTML transferred:	70700 bytes
Requests per second:	19.50 [#/sec] (mean)	Requests per second:	18.47 [#/sec] (mean)
Time per request:	5127.440 [ms] (mean)	Time per request:	5414.457 [ms] (mean)
Time per request:	51.274 [ms] (mean, across all concurrent requests)	Time per request:	54.145 [ms] (mean, across all concurrent requests)
Transfer rate:	17.85 [Kbytes/sec] received	Transfer rate:	16.97 [Kbytes/sec] received

Lampiran 4.6 Pengujian Ke-6 Request Per Second.

Server Software:	LiteSpeed	Server Software:	LiteSpeed
Server Hostname:	laravel.sasparts-ci.my.id	Server Hostname:	codeigniter.sasparts-ci.my.id
Server Port:	80	Server Port:	80
Document Path:	/	Document Path:	/
Document Length:	707 bytes	Document Length:	707 bytes
Concurrency Level:	100	Concurrency Level:	100
Time taken for tests:	4.607 seconds	Time taken for tests:	4.687 seconds
Complete requests:	100	Complete requests:	100
Failed requests:	0	Failed requests:	0
Non-2xx responses:	100	Non-2xx responses:	100
Total transferred:	93700 bytes	Total transferred:	94100 bytes
HTML transferred:	70700 bytes	HTML transferred:	70700 bytes
Requests per second:	21.71 [#/sec] (mean)	Requests per second:	21.33 [#/sec] (mean)
Time per request:	4606.957 [ms] (mean)	Time per request:	4687.139 [ms] (mean)
Time per request:	46.070 [ms] (mean, across all concurrent requests)	Time per request:	46.871 [ms] (mean, across all concurrent requests)
Transfer rate:	19.86 [Kbytes/sec] received	Transfer rate:	19.61 [Kbytes/sec] received

Lampiran 4.7 Pengujian Ke-7 Request Per Second.

Server Software:	LiteSpeed	Server Software:	LiteSpeed
Server Hostname:	laravel.sasparts-ci.my.id	Server Hostname:	codeigniter.sasparts-ci.my.id
Server Port:	80	Server Port:	80
Document Path:	/	Document Path:	/
Document Length:	707 bytes	Document Length:	707 bytes
Concurrency Level:	100	Concurrency Level:	100
Time taken for tests:	4.600 seconds	Time taken for tests:	4.626 seconds
Complete requests:	100	Complete requests:	100
Failed requests:	0	Failed requests:	0
Non-2xx responses:	100	Non-2xx responses:	100
Total transferred:	93700 bytes	Total transferred:	94100 bytes
HTML transferred:	70700 bytes	HTML transferred:	70700 bytes
Requests per second:	21.74 [#/sec] (mean)	Requests per second:	21.62 [#/sec] (mean)
Time per request:	4600.166 [ms] (mean)	Time per request:	4626.322 [ms] (mean)
Time per request:	46.002 [ms] (mean, across all concurrent requests)	Time per request:	46.263 [ms] (mean, across all concurrent requests)
Transfer rate:	19.89 [Kbytes/sec] received	Transfer rate:	19.86 [Kbytes/sec] received

Lampiran 4.8 Pengujian Ke-8 Request Per Second.

Server Software:	LiteSpeed	Server Software:	LiteSpeed
Server Hostname:	laravel.sasparts-ci.my.id	Server Hostname:	codeigniter.sasparts-ci.my.id
Server Port:	80	Server Port:	80
Document Path:	/	Document Path:	/
Document Length:	707 bytes	Document Length:	707 bytes
Concurrency Level:	100	Concurrency Level:	100
Time taken for tests:	5.933 seconds	Time taken for tests:	4.572 seconds
Complete requests:	100	Complete requests:	100
Failed requests:	0	Failed requests:	0
Non-2xx responses:	100	Non-2xx responses:	100
Total transferred:	93700 bytes	Total transferred:	94100 bytes
HTML transferred:	70700 bytes	HTML transferred:	70700 bytes
Requests per second:	16.86 [#/sec] (mean)	Requests per second:	21.87 [#/sec] (mean)
Time per request:	5932.540 [ms] (mean)	Time per request:	4571.878 [ms] (mean)
Time per request:	59.325 [ms] (mean, across all concurrent requests)	Time per request:	45.719 [ms] (mean, across all concurrent requests)
Transfer rate:	15.42 [Kbytes/sec] received	Transfer rate:	20.10 [Kbytes/sec] received

Lampiran 4.9 Pengujian Ke-9 Request Per Second.

Server Software: LiteSpeed	Server Software: LiteSpeed
Server Hostname: laravel.sasparts-ci.my.id	Server Hostname: codeigniter.sasparts-ci.my.id
Server Port: 80	Server Port: 80
Document Path: /	Document Path: /
Document Length: 707 bytes	Document Length: 707 bytes
Concurrency Level: 100	Concurrency Level: 100
Time taken for tests: 4.950 seconds	Time taken for tests: 4.621 seconds
Complete requests: 100	Complete requests: 100
Failed requests: 0	Failed requests: 0
Non-2xx responses: 100	Non-2xx responses: 100
Total transferred: 93700 bytes	Total transferred: 94100 bytes
HTML transferred: 70700 bytes	HTML transferred: 70700 bytes
Requests per second: 20.20 [#/sec] (mean)	Requests per second: 21.64 [#/sec] (mean)
Time per request: 4950.275 [ms] (mean)	Time per request: 4621.316 [ms] (mean)
Time per request: 49.503 [ms] (mean, across all concurrent requests)	Time per request: 46.213 [ms] (mean, across all concurrent requests)
Transfer rate: 18.48 [Kbytes/sec] received	Transfer rate: 19.88 [Kbytes/sec] received

Lampiran 4.10 Pengujian Ke-10 Request Per Second.

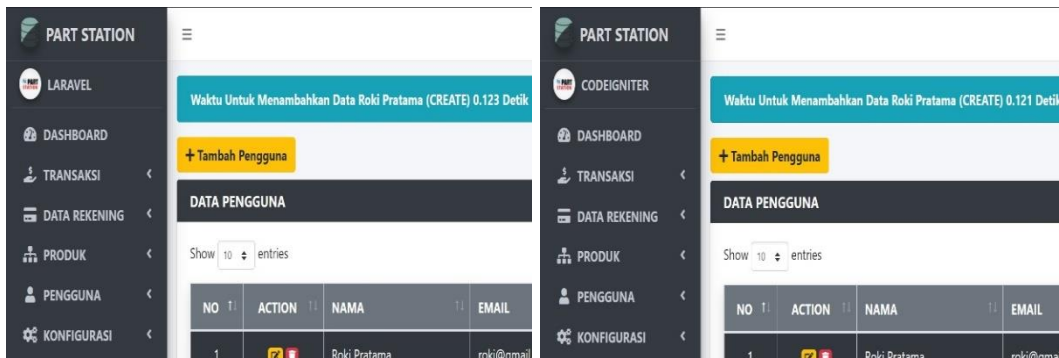
LAMPIRAN 5 Capture Hasil Pengujian Waktu Eksekusi Transaksi Data Create (POST)

NO	ACTION	NAMA	EMAIL
1	[edit] [delete]	Ilham Akbar	ilham@gmail.com
2	[edit] [delete]	Codeigniter	codeigniter@gmail.com

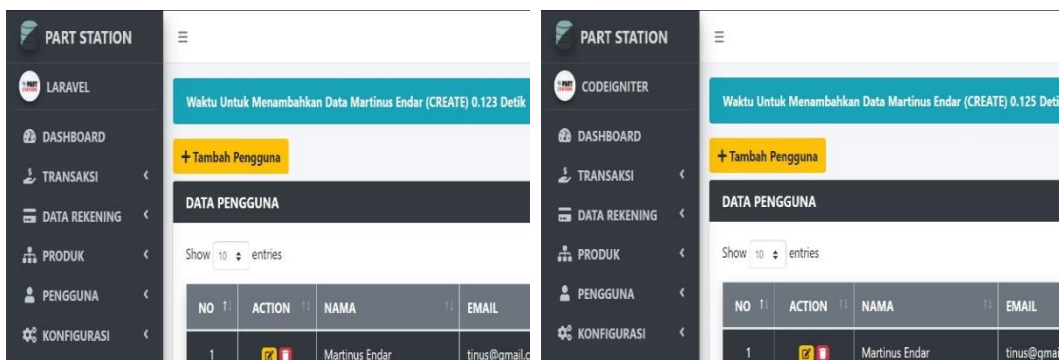
Lampiran 5.1 Pengujian Ke-1 Transaksi Data Create.

NO	ACTION	NAMA	EMAIL
1	[edit] [delete]	Afrian Saputra	afrian@gmail.com

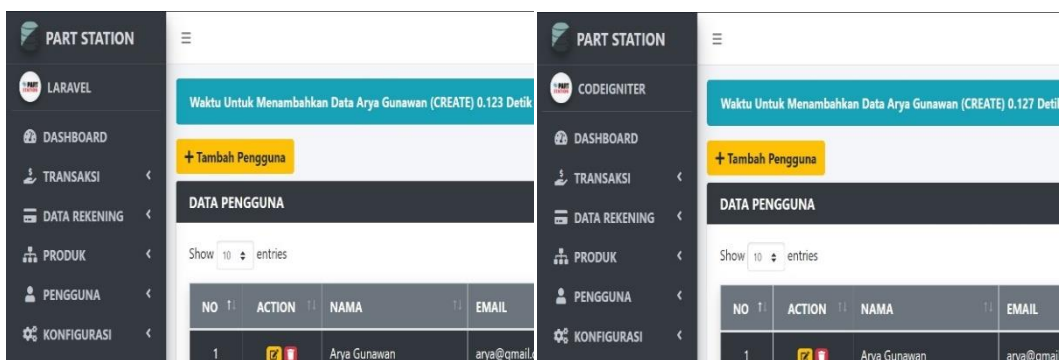
Lampiran 5.2 Pengujian Ke-2 Transaksi Data Create.



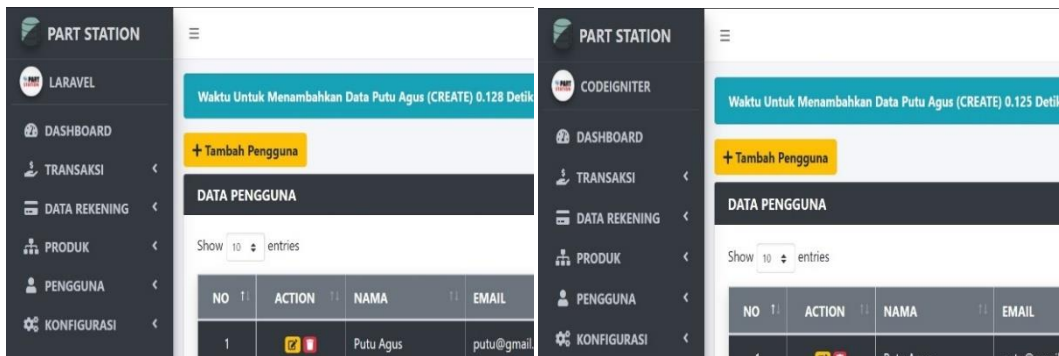
Lampiran 5.3 Pengujian Ke-3 Transaksi Data Create.



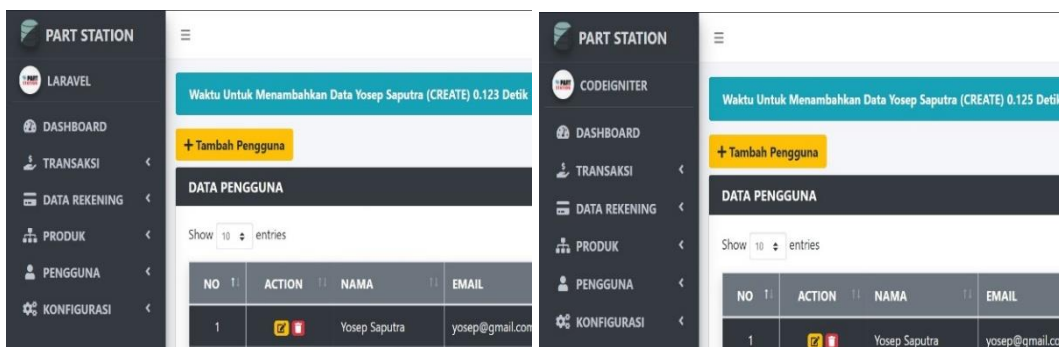
Lampiran 5.4 Pengujian Ke-4 Transaksi Data Create.



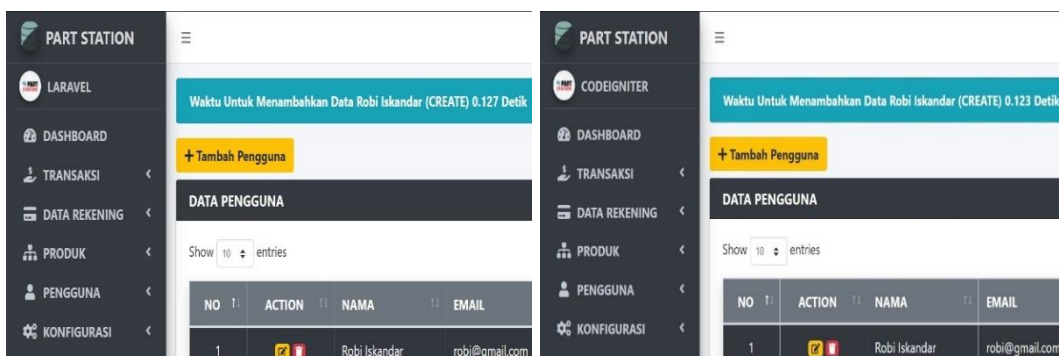
Lampiran 5.5 Pengujian Ke-5 Transaksi Data Create.



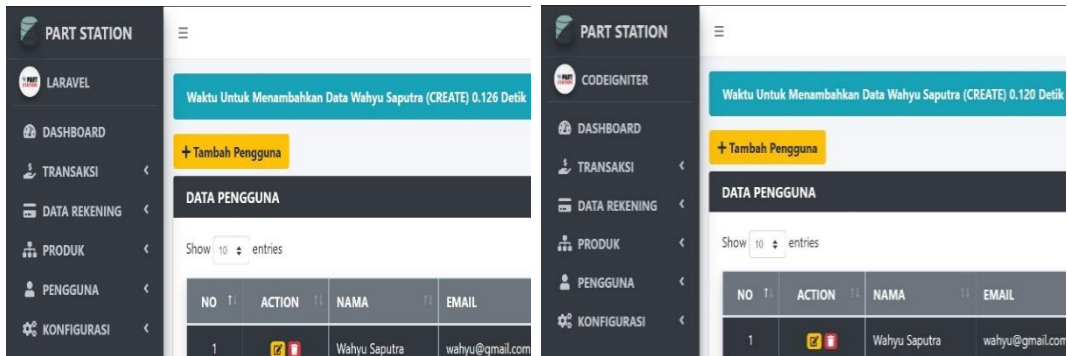
Lampiran 5.6 Pengujian Ke-6 Transaksi Data *Create*.



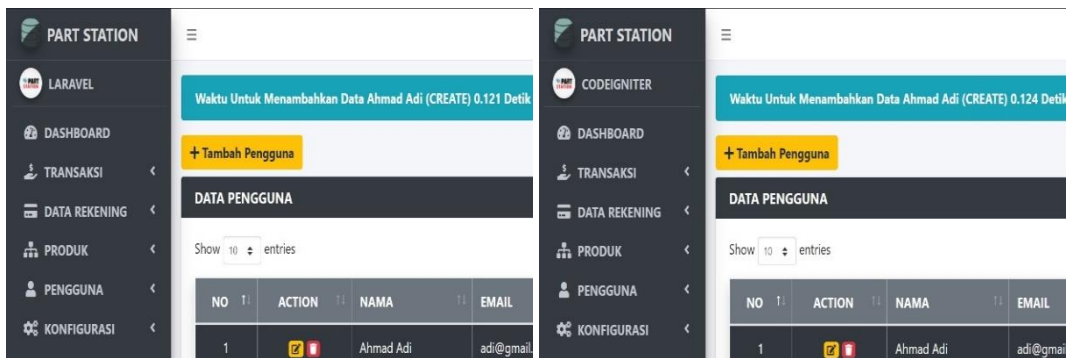
Lampiran 5.7 Pengujian Ke-7 Transaksi Data *Create*.



Lampiran 5.8 Pengujian Ke-8 Transaksi Data *Create*.

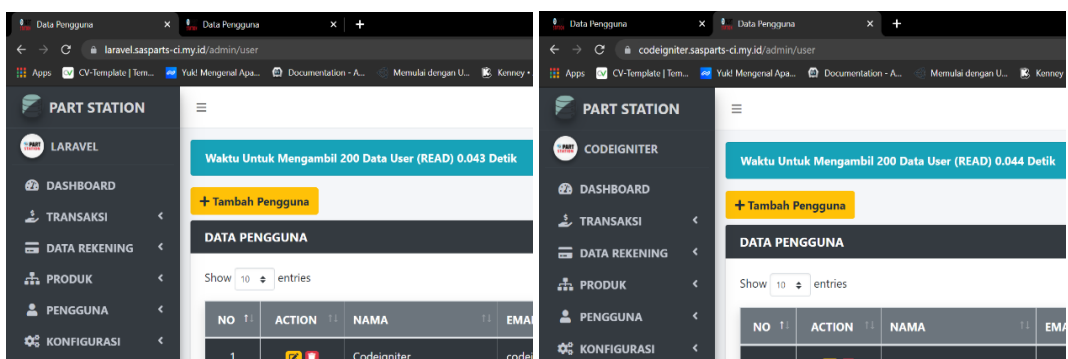


Lampiran 5.9 Pengujian Ke-9 Transaksi Data *Create*.

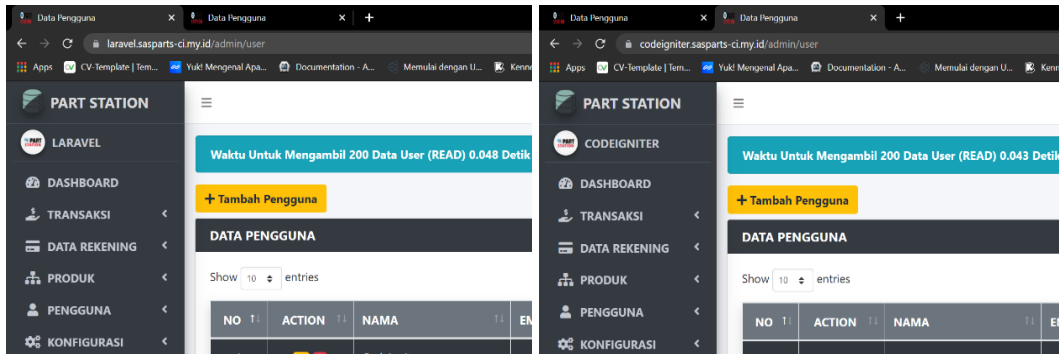


Lampiran 5.10 Pengujian Ke-10 Transaksi Data *Create*.

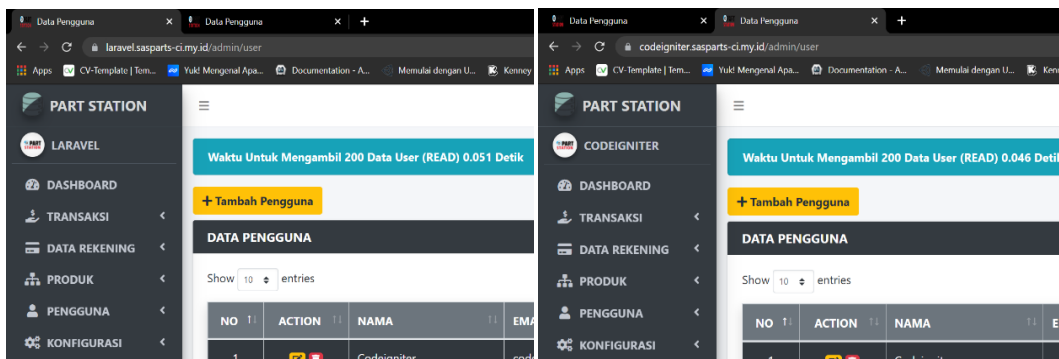
LAMPIRAN 6 *Capture* Hasil Pengujian Waktu Eksekusi Transaksi Data *Read* (*GET*)



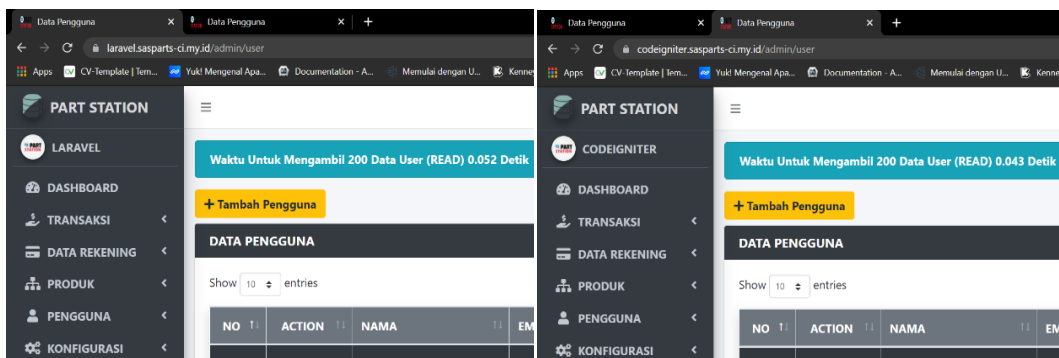
Lampiran 6.1 Pengujian Ke-1 Transaksi Data *Read*.



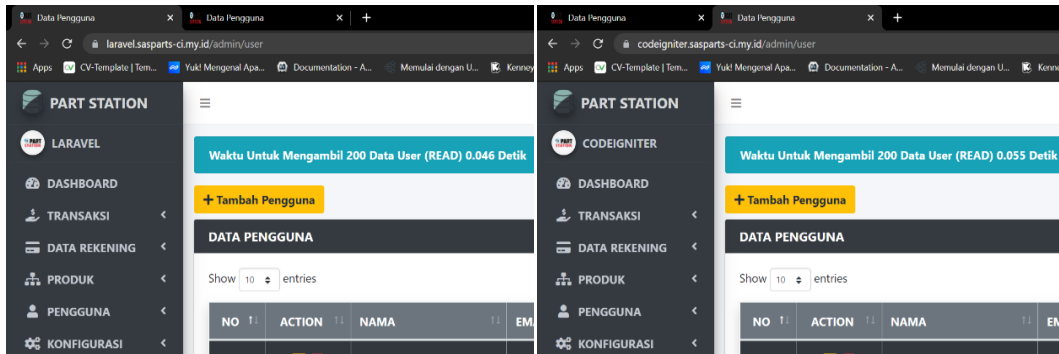
Lampiran 6.2 Pengujian Ke-2 Transaksi Data Read.



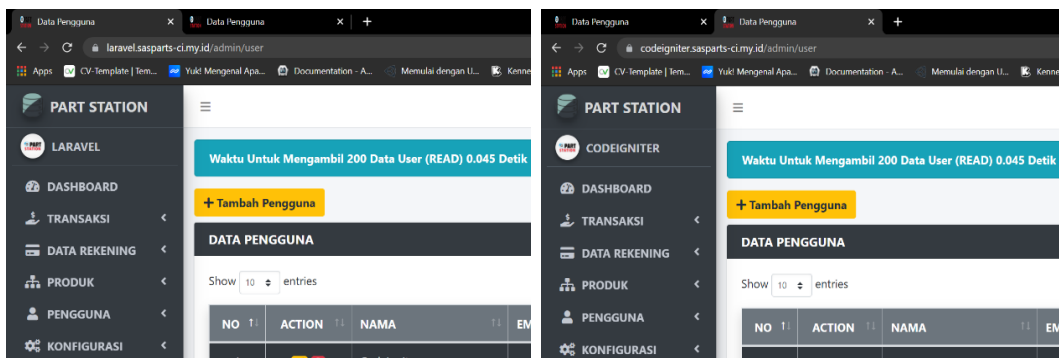
Lampiran 6.3 Pengujian Ke-3 Transaksi Data Read.



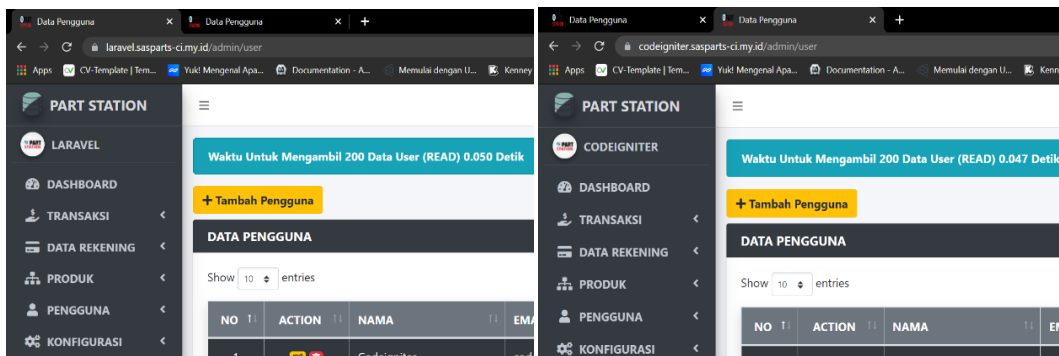
Lampiran 6.4 Pengujian Ke-4 Transaksi Data Read.



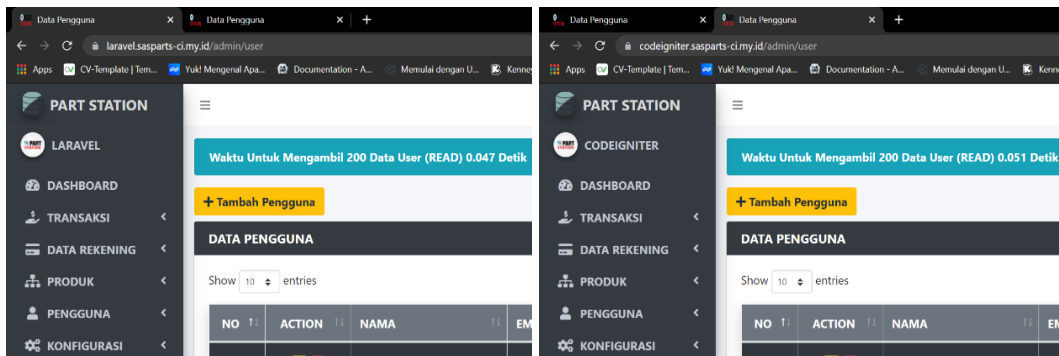
Lampiran 6.5 Pengujian Ke-5 Transaksi Data Read.



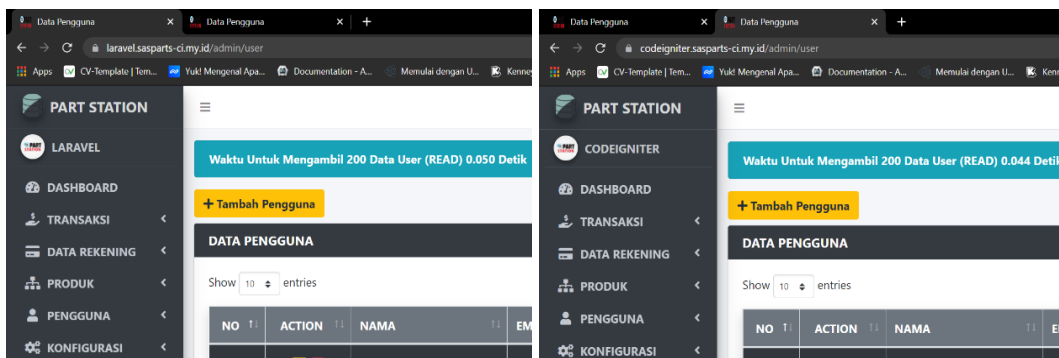
Lampiran 6.6 Pengujian Ke-6 Transaksi Data Read.



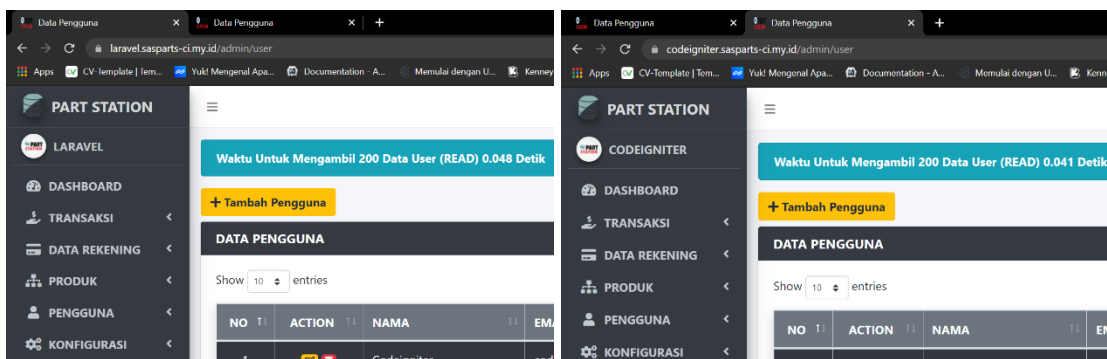
Lampiran 6.7 Pengujian Ke-7 Transaksi Data Read.



Lampiran 6.8 Pengujian Ke-8 Transaksi Data Read.

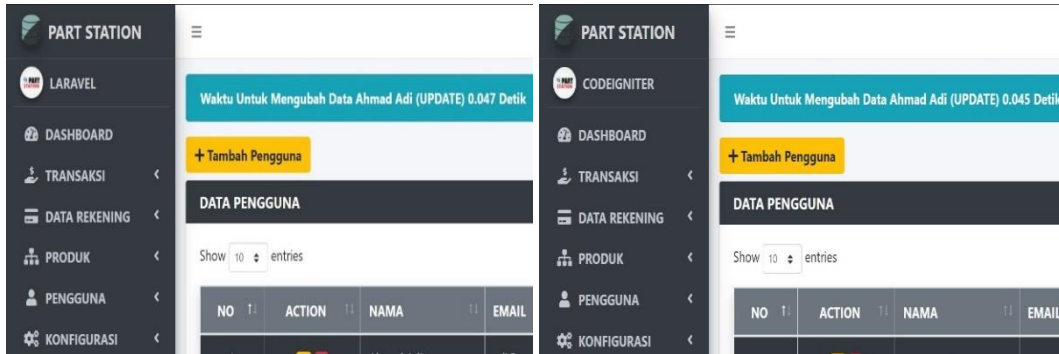


Lampiran 6.9 Pengujian Ke-9 Transaksi Data Read.

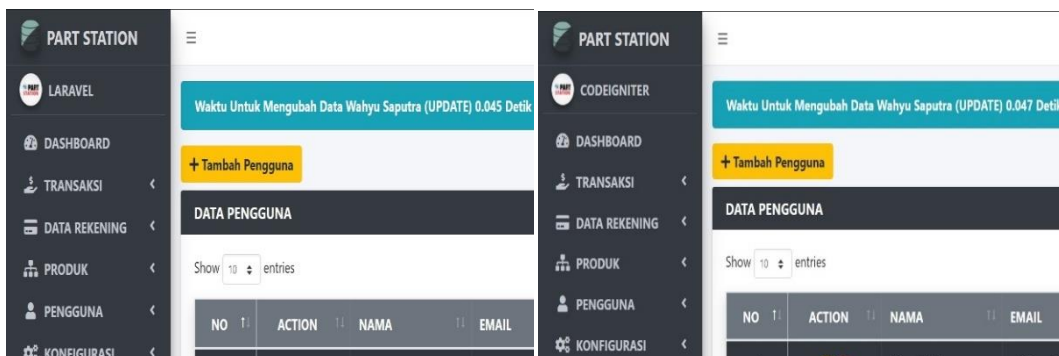


Lampiran 6.10 Pengujian Ke-10 Transaksi Data Read.

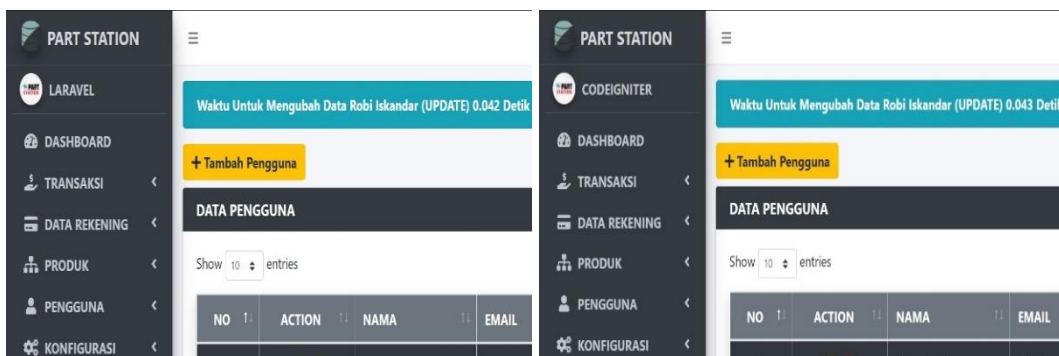
LAMPIRAN 7 *Capture Hasil Pengujian Waktu Eksekusi Transaksi Data Update (PUT)*



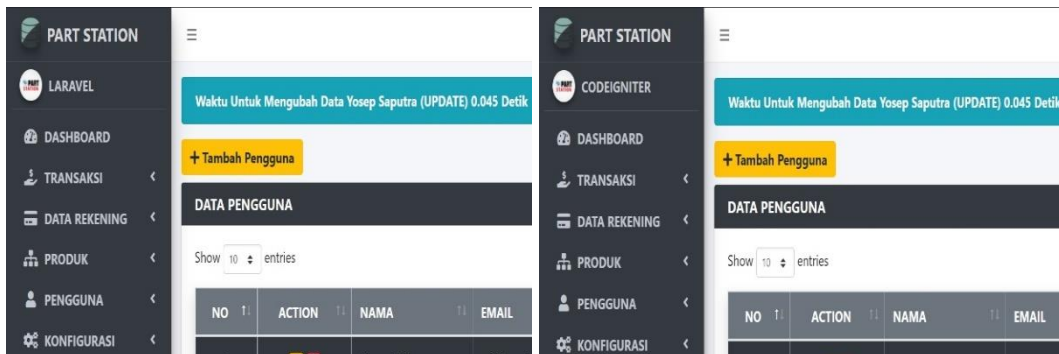
Lampiran 7.1 Pengujian Ke-1 Transaksi Data *Update*.



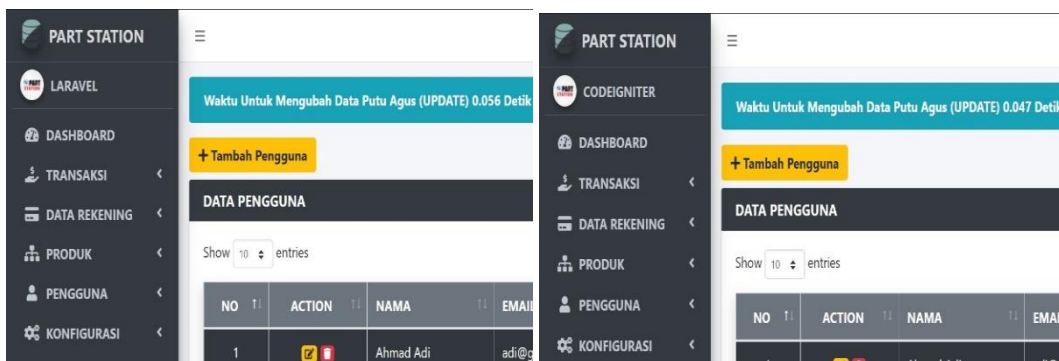
Lampiran 7.2 Pengujian Ke-2 Transaksi Data *Update*.



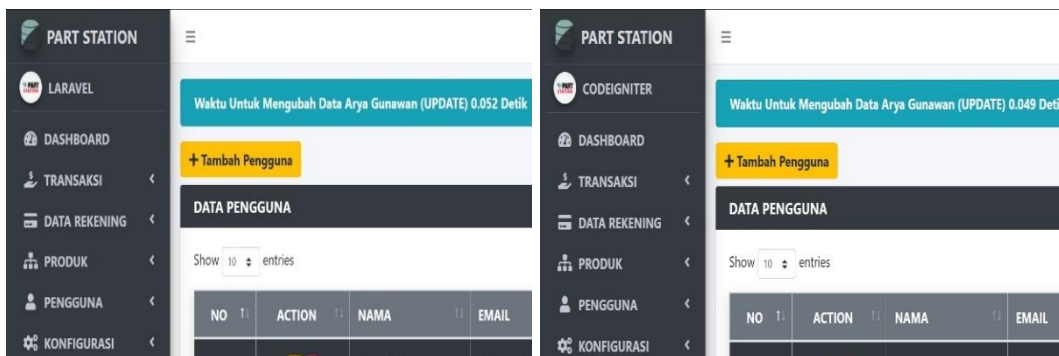
Lampiran 7.3 Pengujian Ke-3 Transaksi Data *Update*.



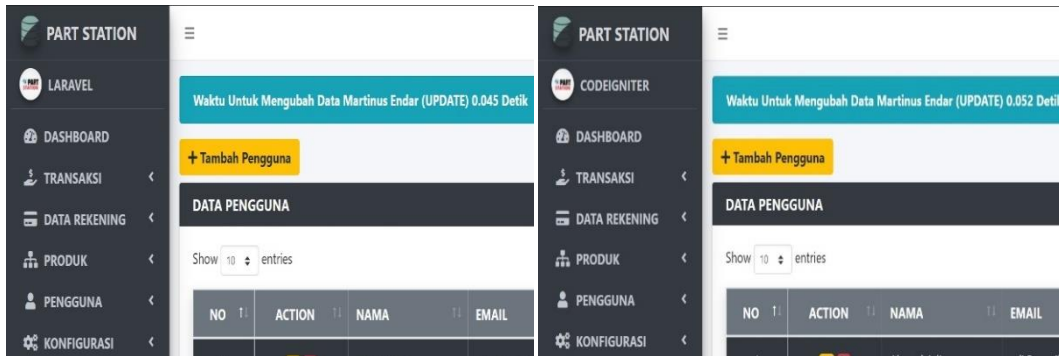
Lampiran 7.4 Pengujian Ke-4 Transaksi Data *Update*.



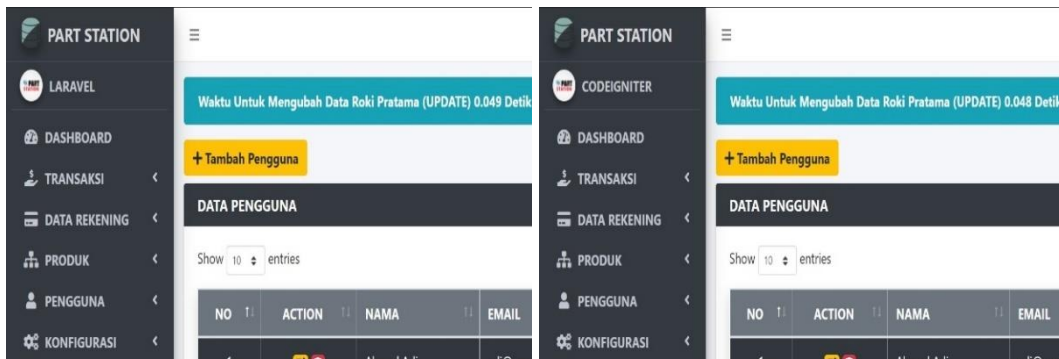
Lampiran 7.5 Pengujian Ke-5 Transaksi Data *Update*.



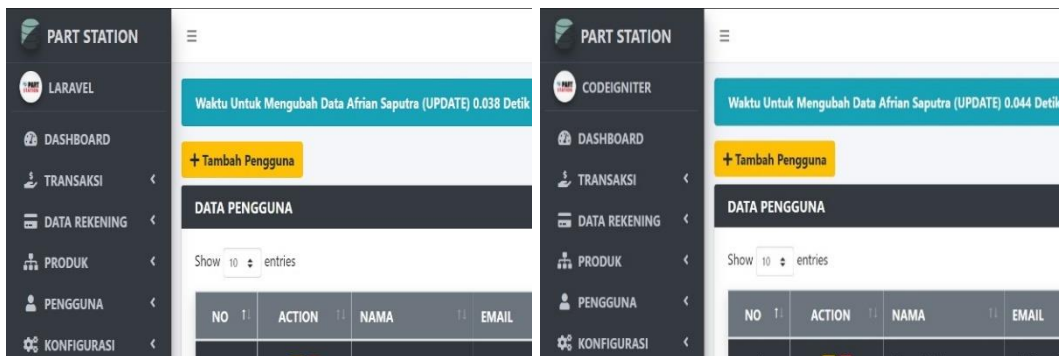
Lampiran 7.6 Pengujian Ke-6 Transaksi Data *Update*.



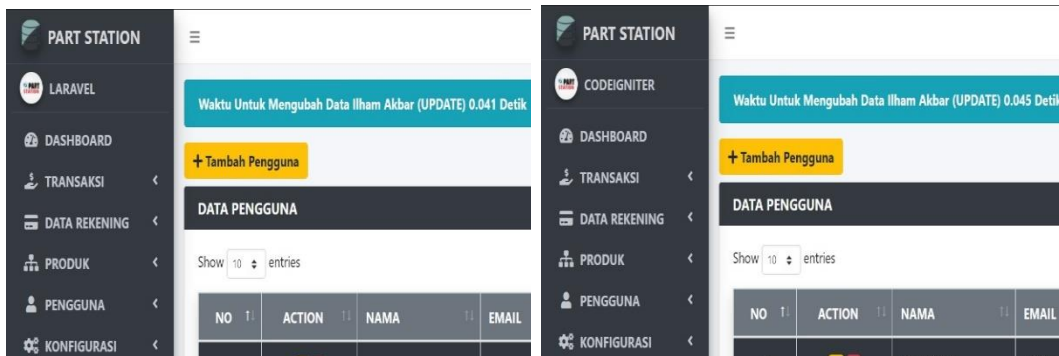
Lampiran 7.7 Pengujian Ke-7 Transaksi Data *Update*.



Lampiran 7.8 Pengujian Ke-8 Transaksi Data *Update*.

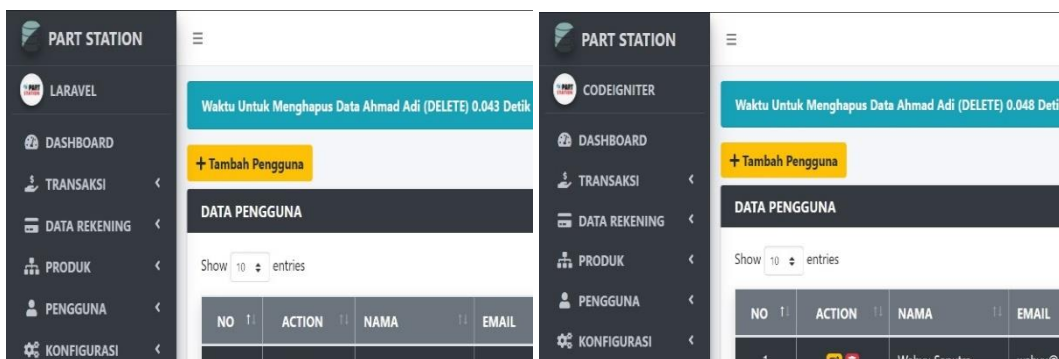


Lampiran 7.9 Pengujian Ke-9 Transaksi Data *Update*.

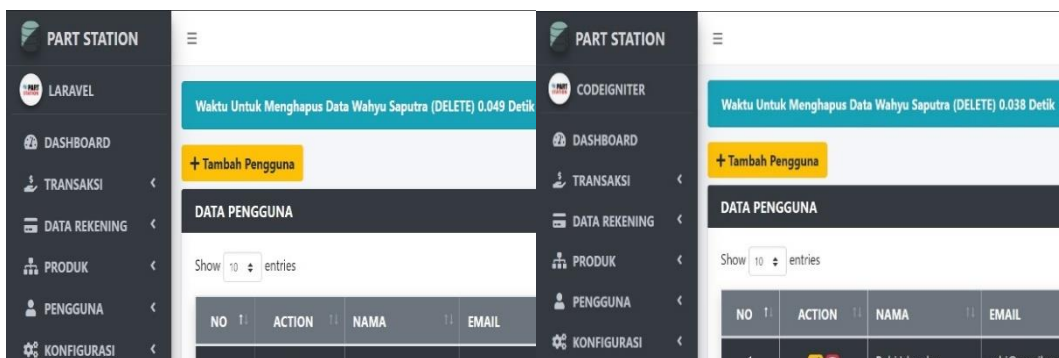


Lampiran 7.10 Pengujian Ke-10 Transaksi Data Update.

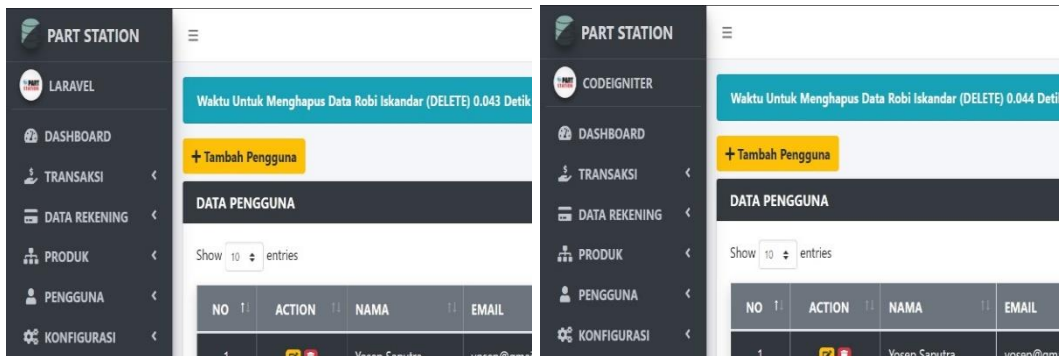
LAMPIRAN 8 Capture Hasil Pengujian Waktu Eksekusi Transaksi Data Delete (DELETE)



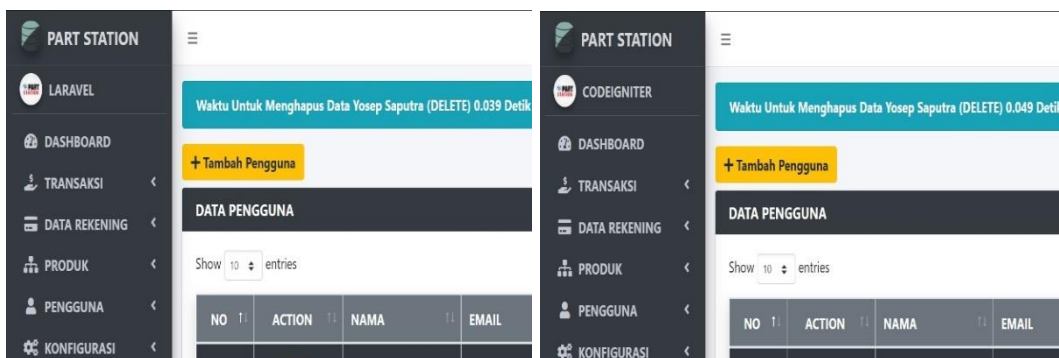
Lampiran 8.1 Pengujian Ke-1 Transaksi Data Delete.



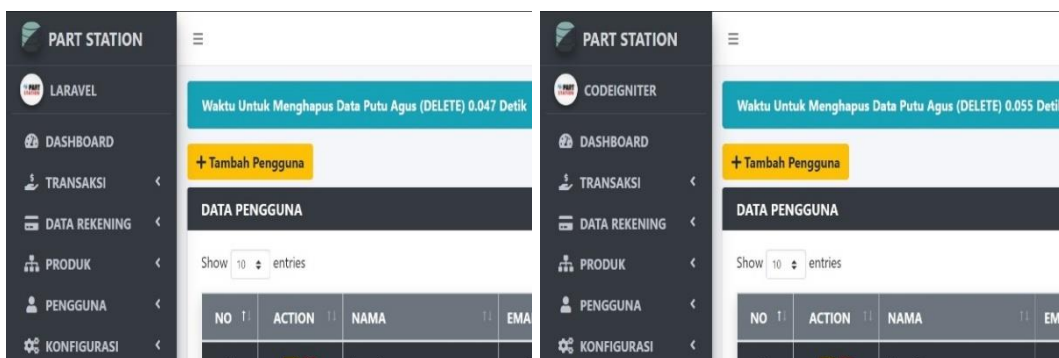
Lampiran 8.2 Pengujian Ke-2 Transaksi Data Delete.



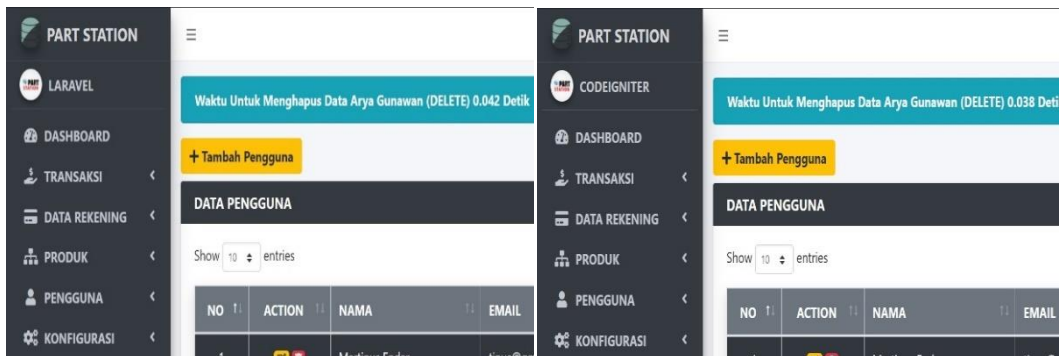
Lampiran 8.3 Pengujian Ke-3 Transaksi Data *Delete*.



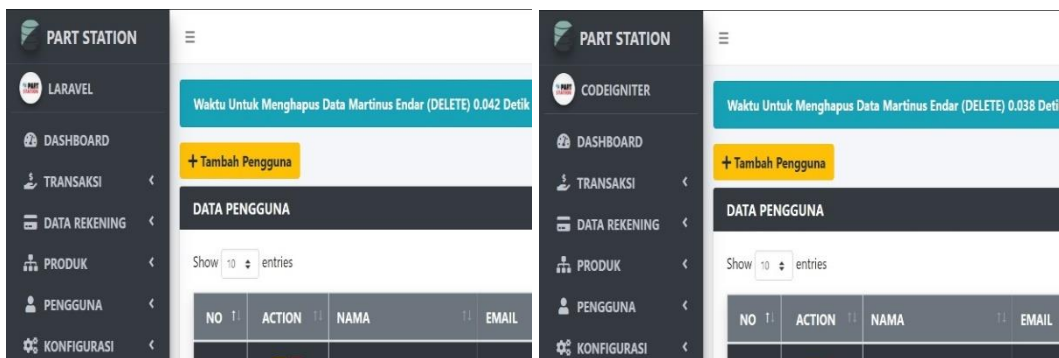
Lampiran 8.4 Pengujian Ke-4 Transaksi Data *Delete*.



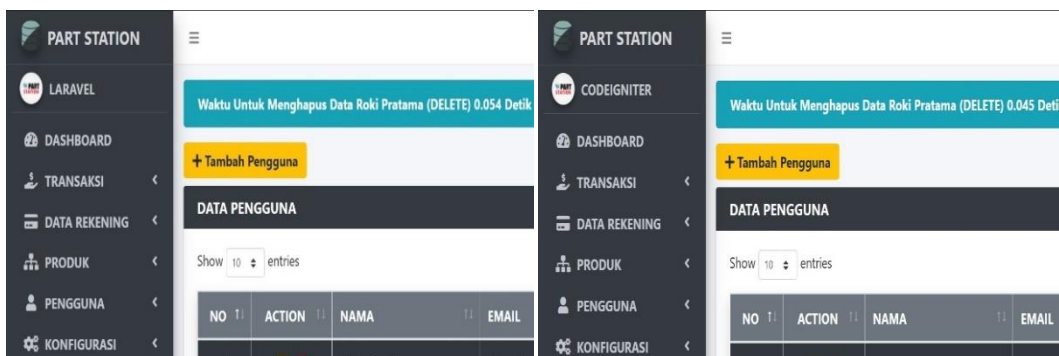
Lampiran 8.5 Pengujian Ke-5 Transaksi Data *Delete*.



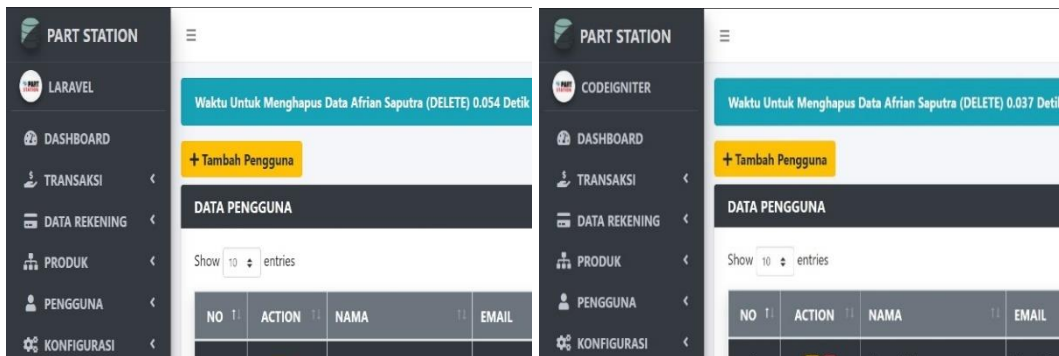
Lampiran 8.6 Pengujian Ke-6 Transaksi Data Delete.



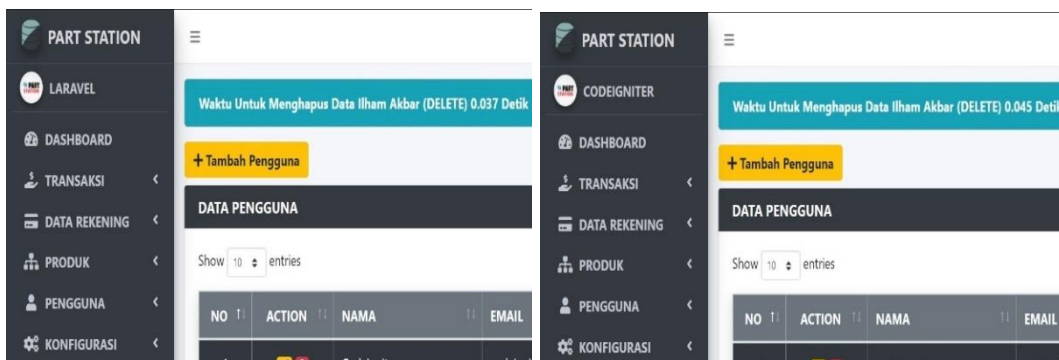
Lampiran 8.7 Pengujian Ke-7 Transaksi Data Delete.



Lampiran 8.8 Pengujian Ke-8 Transaksi Data Delete.



Lampiran 8.9 Pengujian Ke-9 Transaksi Data *Delete*.



Lampiran 8.10 Pengujian Ke-10 Transaksi Data *Delete*.