

DOKUMENTASI APLIKASI SIMPLE NOTE APP

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Create at: 2025-09-07

Finished at: 2025-09-08

Backend Service Versioning:

Java: 11

Springboot: 2.7.18

Frontend Aplikasi Versioning:

Nvm: 1.2.2

Node: 24.7.0 or 20+

Angular: 20

Evidence kenapa tidak menggunakan angular 2:

Tidak bisa menginstall node 6 -> support angular 2

```
C:\Users\ACER>nvm i 6
Downloading node.js version 6.17.1 (64-bit)...
Complete
Downloading npm...
Creating C:\Users\ACER\AppData\Local\Temp\nvm-install-2581816465\temp
Downloading npm version 3.10.10... Complete
Installing npm v3.10.10...
error installing 6.17.1: open C:\Users\ACER\AppData\Local\Temp\nvm-npm-4225850557\npm-v3.10.10.zip: The system cannot find the file specified.
```

1. Daftar Request

No	Field	Tipe Data	Keterangan
1	Title	String	max 15, not null
2	Description	String	max 50, not null
3	Date	String	date harus dalam format yyyy-MM-dd, not null

2. Daftar Request Validasi

No	Field	Validasi
1	Title	Max 15
2	Title	Not Null
3	Description	Max 15
4	Description	Not Null
5	Date	Format yyyy-MM-dd
6	Date	Not null

3. Daftar Response

No	Field	Tipe Data	Keterangan
1	Data	Object	Hasil response data
2	ResponseReqId	String	Response request id
3	ResponseCode	String	Response code
4	ResponseDescription	String	Response description
5	ResponseException	String	Response Exception
6	DateRequest	String	Date Request

4. Daftar Service API

- Get All
Method: GET
url: http://localhost:8000/api/v1/note
- Get By ID
Method: GET
url: http://localhost:8000/api/v1/note/1
- Create
Method: POST
url: http://localhost:8000/api/v1/note
header: Content-Type: application/json
body: {
 "title": "Task Note 1",
 "description": "Development Simple Note App 1",
 "date": "2025-09-08"
}
- Update
Method: PUT
url: http://localhost:8000/api/v1/note/1

header: Content-Type: application/json

body: {

 "title": "Task Note 1 Update",

 "description": "Development Simple Note App 1 Update",

 "date": "2025-09-08"

}

- Delete

Method: Delete

url: http://localhost:8000/api/v1/note/1

5. Daftar Service Code

Rumus: Http Code + Service Code + Case Code

*Berdasarkan best practices snap api BI

No	Http Code	Service Code	Case Code	Response Message	Description
1	200	01	00	Success	Berhasil mendapatkan data
2	400	01	00	Bad Request	Permintaan gagal
3	400	01	01	Invalid Field Format	Field tidak valid
4	404	01	00	Not Found	Data tidak ditemukan
5	500	01	00	Internal Server Error	Kesalahan server internal

Dokumentasi Screenshot Service dan Aplikasi Simple Note App

a. Hasil eksekusi Validasi yang berhasil dilewati

1. Title melebihi 15 karakter

Note API / Create

POST http://localhost:8000/api/v1/note

Params Authorization Headers (9) Body Scripts Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL JSON

```
1 {
2   "title": "Task Note 1 Dummy",
3   "description": "Development Simple Note App 18",
4   "date": "2025-08-08"
5 }
```

Body Cookies Headers (7) Test Results 400 Bad Request 10 ms 447 B Save Response

JSON Preview Visualize

```
1 {
2   "data": null,
3   "responseReqId": "a451c536-be55-43a6-97d7-68f736e09f25",
4   "responseCode": "4000101",
5   "responseDescription": null,
6   "responseException": "Title must not exceed 15 characters",
7   "dateRequest": "2025-09-08 21:25:36"
8 }
```

2. Title null

Note API / Create

POST http://localhost:8000/api/v1/note

Params Authorization Headers (9) Body Scripts Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL JSON

```
1 {
2   "title": "",
3   "description": "Development Simple Note App 18",
4   "date": "2025-08-08"
5 }
```

Body Cookies Headers (7) Test Results 400 Bad Request 10 ms 447 B Save Response

JSON Preview Visualize

```
1 {
2   "data": null,
3   "responseReqId": "a451c536-be55-43a6-97d7-68f736e09f25",
4   "responseCode": "4000101",
5   "responseDescription": null,
6   "responseException": "Title must not exceed 15 characters",
7   "dateRequest": "2025-09-08 21:25:36"
8 }
```

3. Description melebihi 15 karakter

Note API / Create

POST http://localhost:8000/ap/v1/note

Params Authorization Headers (9) Body Scripts Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "title": "Task Note 1",
3   "description": "Development Simple Note App 10 Dummy1 Dummy1 Dummy1 Dummy1 Dummy1 Dummy1 Dummy1 Dummy1 Dummy1 Dummy1",
4   "date": "2025-08-08"
5 }
```

Body Cookies Headers (7) Test Results

400 Bad Request 9 ms 453 B Save Response

JSON Preview Visualize

```
1 {
2   "data": null,
3   "responseReqId": "ef22c8bb-27bf-4562-b4f6-6dbe71ebffc4",
4   "responseCode": "4000101",
5   "responseDescription": null,
6   "responseException": "Description must not exceed 50 characters",
7   "dateRequest": "2025-09-08 21:26:51"
8 }
```

4. Description null

Note API / Create

POST http://localhost:8000/ap/v1/note

Params Authorization Headers (9) Body Scripts Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "title": "Task Note 1",
3   "description": "",
4   "date": "2025-08-08"
5 }
```

Body Cookies Headers (7) Test Results

400 Bad Request 9 ms 435 B Save Response

JSON Preview Visualize

```
1 {
2   "data": null,
3   "responseReqId": "cf3f4976-99b9-4cb8-a548-633eeb97b516",
4   "responseCode": "4000101",
5   "responseDescription": null,
6   "responseException": "Description must filled",
7   "dateRequest": "2025-09-08 21:27:14"
8 }
```

5. Date salah format

Note API / Create

POST http://localhost:8000/api/v1/note

Params Authorization Headers (9) Body Scripts Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "title": "Task Note 1",
3   "description": "Development Simple Note App 1",
4   "date": "a"
5 }
```

Body Cookies Headers (7) Test Results

400 Bad Request 9 ms 446 B Save Response

JSON Preview Visualize

```
1 {
2   "data": null,
3   "responseReqId": "c9c8bb57-8c3b-4ad8-9b28-f846e53c46fe",
4   "responseCode": "4000101",
5   "responseDescription": null,
6   "responseException": "Date harus dalam format yyyy-MM-dd",
7   "dateRequest": "2025-09-08 21:27:32"
8 }
```

6. Date null

Note API / Create

POST http://localhost:8000/api/v1/note

Params Authorization Headers (9) Body Scripts Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "title": "Task Note 1",
3   "description": "Development Simple Note App 1",
4   "date": ""
5 }
```

Body Cookies Headers (7) Test Results

400 Bad Request 7 ms 428 B Save Response

JSON Preview Visualize

```
1 {
2   "data": null,
3   "responseReqId": "4e927df9-dd5c-4d88-812b-3b8227a45182",
4   "responseCode": "4000101",
5   "responseDescription": null,
6   "responseException": "Date must filled",
7   "dateRequest": "2025-09-08 21:27:46"
8 }
```

7. Get data not found

Note API / **Get All** Save Share

GET ▼ http://localhost:8000/api/v1/note Send

Params Authorization Headers (7) **Body** Scripts Settings

☒ none ☐ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

This request does not have a body

Body Cookies Headers (8) Test Results 404 Not Found 10 ms 453 B Save Response

{} JSON Preview Visualize

```
1 {
2   "data": null,
3   "responseReqId": "bb1d1ceb-d33c-496f-9c77-7ce666931f5e",
4   "responseCode": "4040100",
5   "responseDescription": null,
6   "responseException": "Note not found",
7   "dateRequest": "2025-09-08 21:38:28"
8 }
```

8. Get data by id not found

Note API / **Get By ID** Save Share

GET ▼ http://localhost:8000/api/v1/note/1 Send

Params Authorization Headers (7) **Body** Scripts Settings

☒ none ☐ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

This request does not have a body

Body Cookies Headers (8) Test Results 404 Not Found 15 ms 453 B Save Response

{} JSON Preview Visualize

```
1 {
2   "data": null,
3   "responseReqId": "fa8a7866-1175-4614-a89a-a0ba78d7974b",
4   "responseCode": "4040100",
5   "responseDescription": null,
6   "responseException": "Note not found",
7   "dateRequest": "2025-09-08 21:38:35"
8 }
```

9. Internal Server Error

Note API / Update

PUT http://localhost:8000/api/v1/note/1 Send

Params Authorization Headers (9) Body Scripts Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL JSON

```
1 {
2   "title": "New",
3   "description": "New",
4   "date": "2025-09-08"
5 }
```

Body Cookies Headers (7) Test Results 500 Internal Server Error 20 ms 443 B Save Response

JSON Preview Visualize

```
1 {
2   "data": null,
3   "responseReqId": "d5c82149-ff8f-4ba6-a487-3faa02877718",
4   "responseCode": "5000108",
5   "responseDescription": null,
6   "responseException": "Internal Server Error",
7   "dateRequest": "2025-09-08 21:29:22"
8 }
```

10. Delete note not found

Note API / Delete

DELETE http://localhost:8000/api/v1/note/1 Send

Params Authorization Headers (7) Body Scripts Settings

Query Params

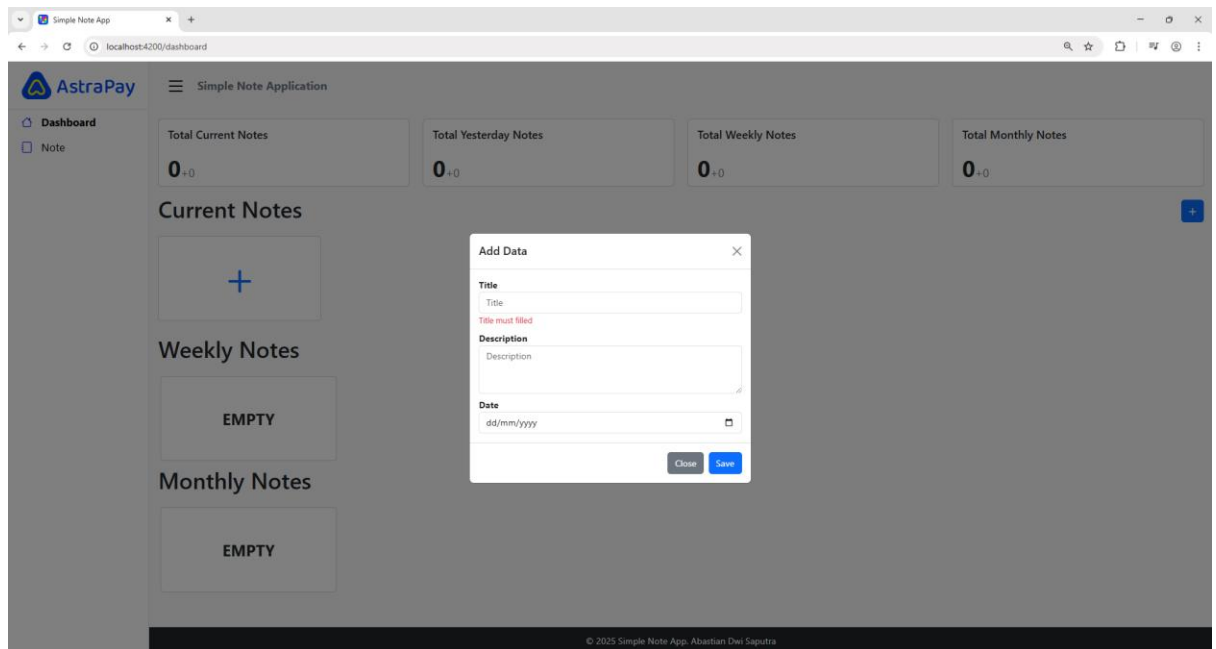
Key	Value	Description
Key	Value	Description

Body Cookies Headers (8) Test Results 404 Not Found 22 ms 453 B Save Response

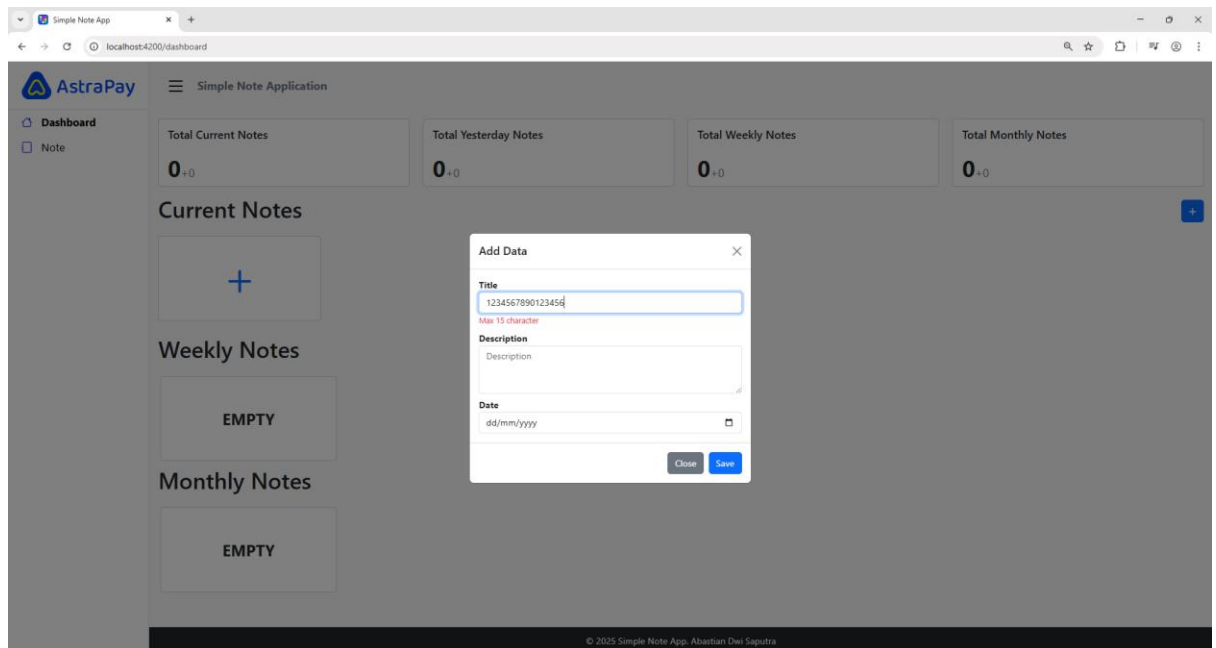
JSON Preview Visualize

```
1 {
2   "data": null,
3   "responseReqId": "5e8a8a5a-1db6-4a3a-b318-576d75e6834c",
4   "responseCode": "4040108",
5   "responseDescription": null,
6   "responseException": "Note not found",
7   "dateRequest": "2025-09-08 21:29:35"
8 }
```

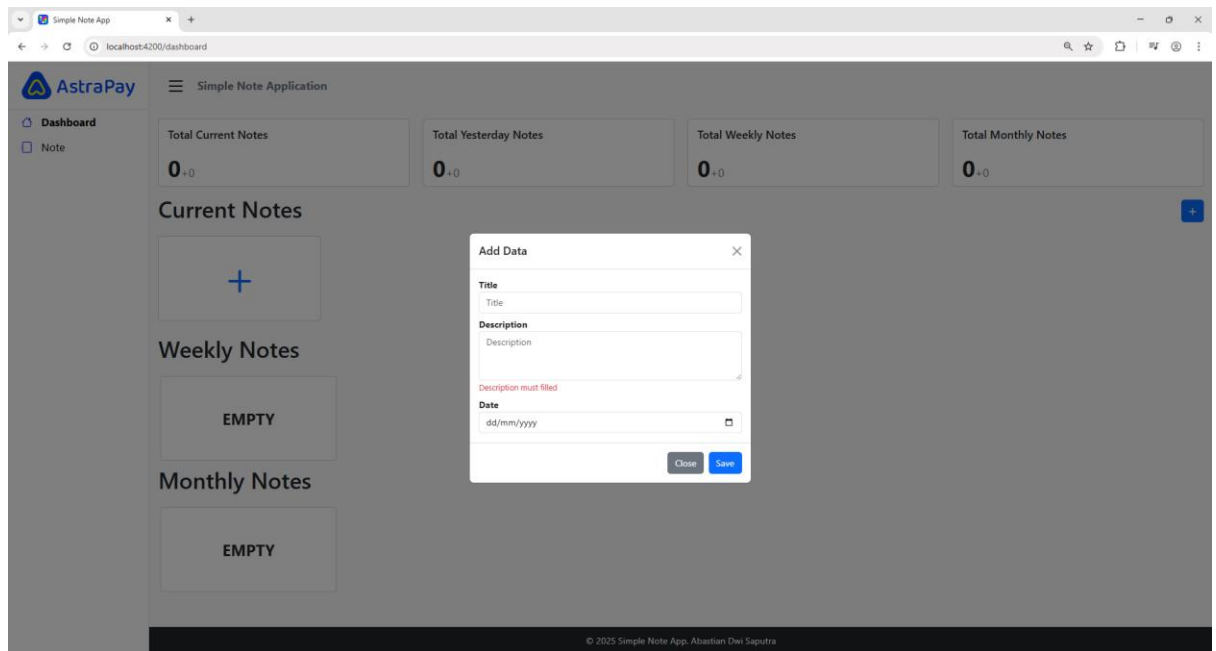
11. Validasi frontend title must filled



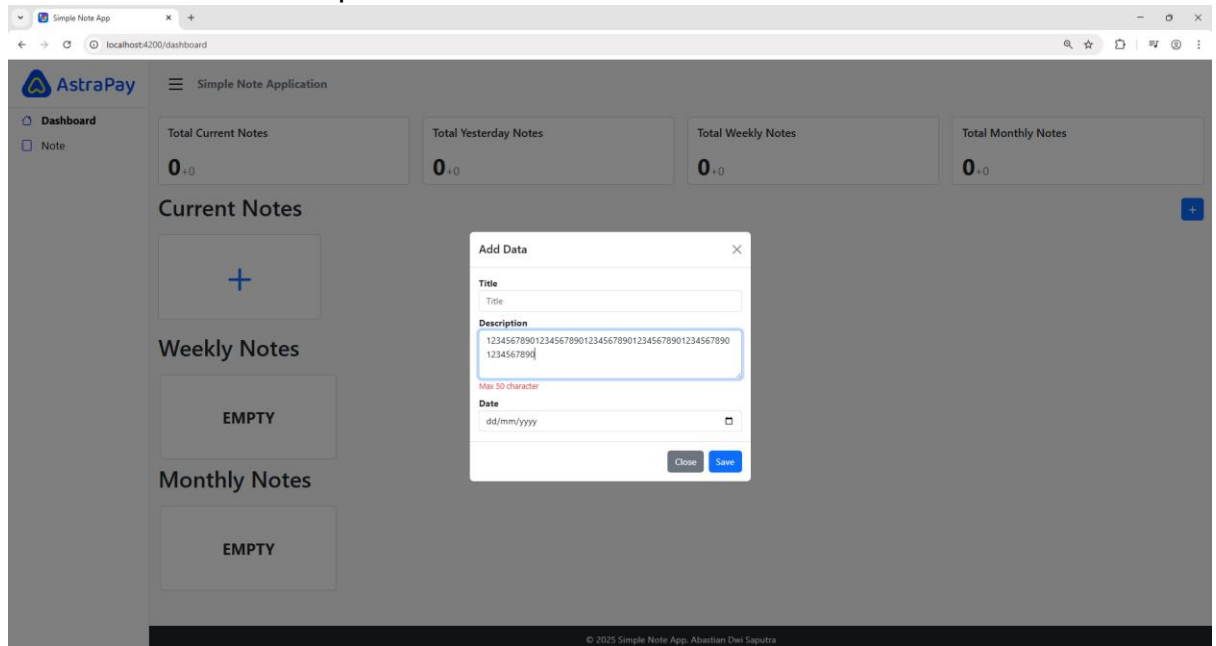
12. Validasi frontend title max 15 character



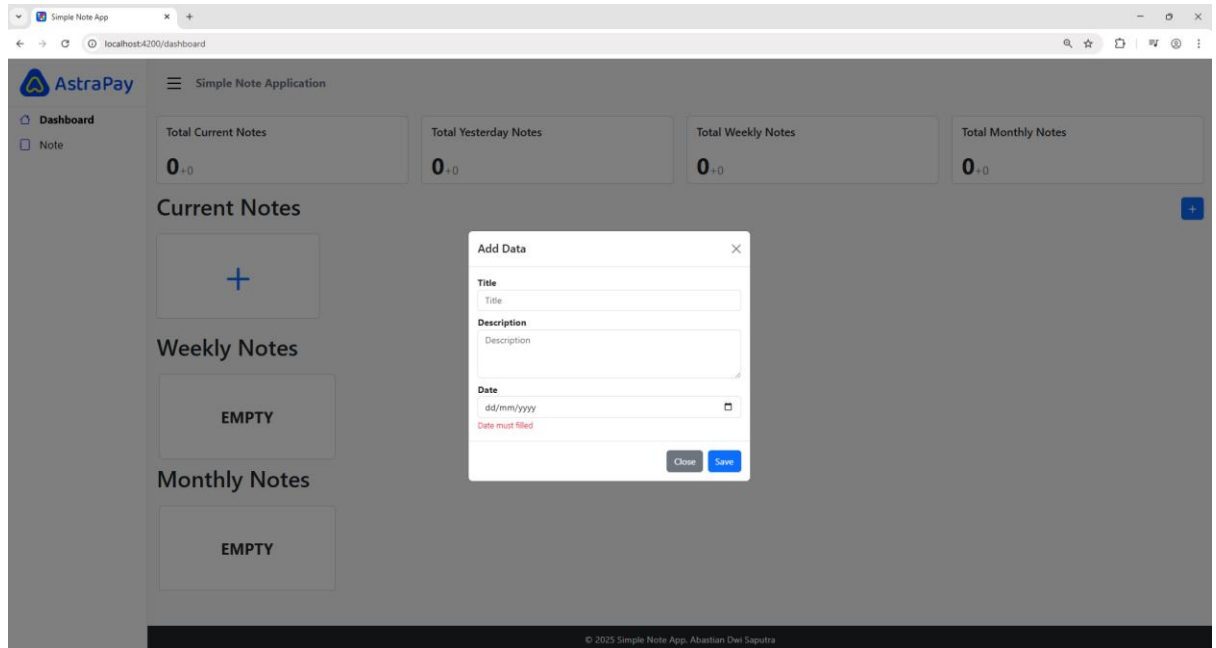
13. Validasi frontend description must filled



14. Validasi frontend description max 50 character

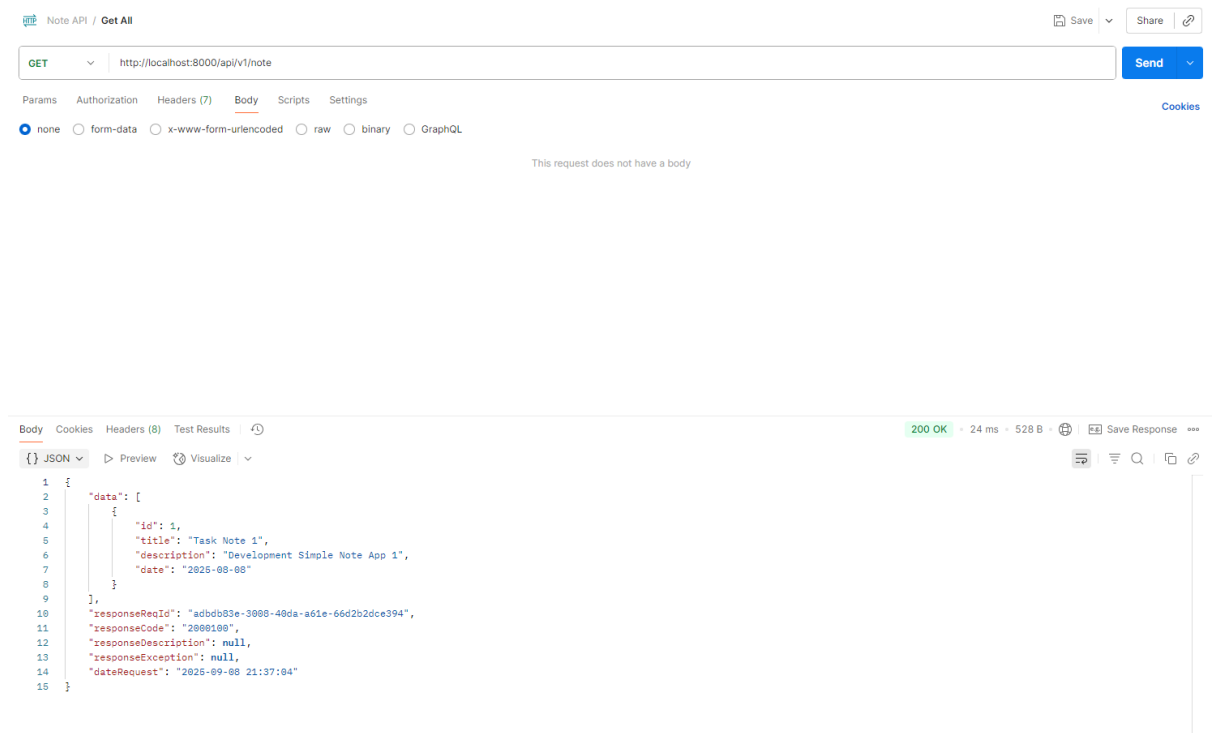


15. Validasi frontend date must filled



b. Tampilan Postman dari detail setiap API yang diimplementasi (URL, Request, Response)

1. Get Data



2. Get Data By Id 1

Note API / **Get By ID** Save Share

GET ▼ http://localhost:8000/api/v1/note/1 Send

Params Authorization Headers (7) **Body** Scripts Settings

☒ none ☐ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

This request does not have a body

Body Cookies Headers (8) Test Results 200 OK 24 ms 526 B Save Response

{} JSON Preview Visualize

```
1 {
2   "data": {
3     "id": 1,
4     "title": "Task Note 1",
5     "description": "Development Simple Note App 1",
6     "date": "2025-08-08"
7   },
8   "responseReqId": "2c69a768-2a74-4481-b685-84ba9986753c",
9   "responseCode": "2000100",
10  "responseDescription": null,
11  "responseException": null,
12  "dateRequest": "2025-09-08 21:37:17"
13 }
```

3. Create

Note API / **Create** Save Share

POST ▼ http://localhost:8000/api/v1/note Send

Params Authorization Headers (9) **Body** Scripts Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL JSON ▼

```
1 {
2   "title": "Task Note 1",
3   "description": "Development Simple Note App 1",
4   "date": "2025-08-08"
5 }
```

Body Cookies Headers (8) Test Results 200 OK 222 ms 526 B Save Response

{} JSON Preview Visualize

```
1 {
2   "data": {
3     "id": 1,
4     "title": "Task Note 1",
5     "description": "Development Simple Note App 1",
6     "date": "2025-08-08"
7   },
8   "responseReqId": "59caa489-a4be-4a24-b427-de25d48aef1f",
9   "responseCode": "2000100",
10  "responseDescription": null,
11  "responseException": null,
12  "dateRequest": "2025-09-08 21:36:52"
13 }
```

4. Update

Note API / Update

PUT http://localhost:8000/api/v1/note/1

Params Authorization Headers (9) Body Scripts Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```

1 {
2   "title": "Task Note 1 Update",
3   "description": "Development Simple Note App 1 Update",
4   "date": "2025-08-08"
5 }

```

200 OK • 17 ms • 540 B

Body Cookies Headers (8) Test Results

JSON Preview Visualize

```

1 {
2   "data": {
3     "id": 1,
4     "title": "Task Note 1 Update",
5     "description": "Development Simple Note App 1 Update",
6     "date": "2025-08-08"
7   },
8   "responseReqId": "e0e1fac-e156-4322-975f-8dcbf485e1d1",
9   "responseCode": "2000100",
10  "responseDescription": null,
11  "responseException": null,
12  "dateRequest": "2025-09-08 21:38:35"
13 }

```

5. Delete

Note API / Delete

DELETE http://localhost:8000/api/v1/note/1

Params Authorization Headers (7) Body Scripts Settings

Query Params

Key	Value	Description
Key	Value	Description

200 OK • 14 ms • 451 B

Body Cookies Headers (8) Test Results

JSON Preview Visualize

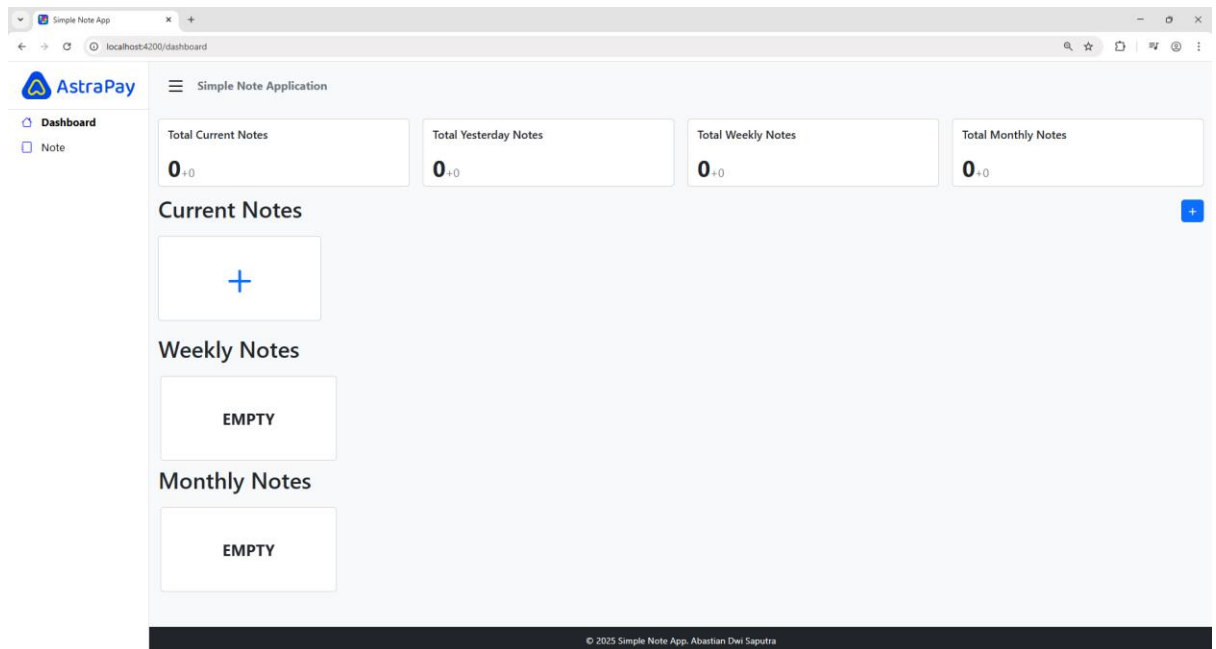
```

1 {
2   "data": "Success Delete Data",
3   "responseReqId": "1fff5d58-8ec0-4ac2-99b0-76882e5ac87b",
4   "responseCode": "2000100",
5   "responseDescription": null,
6   "responseException": null,
7   "dateRequest": "2025-09-08 21:38:47"
8 }

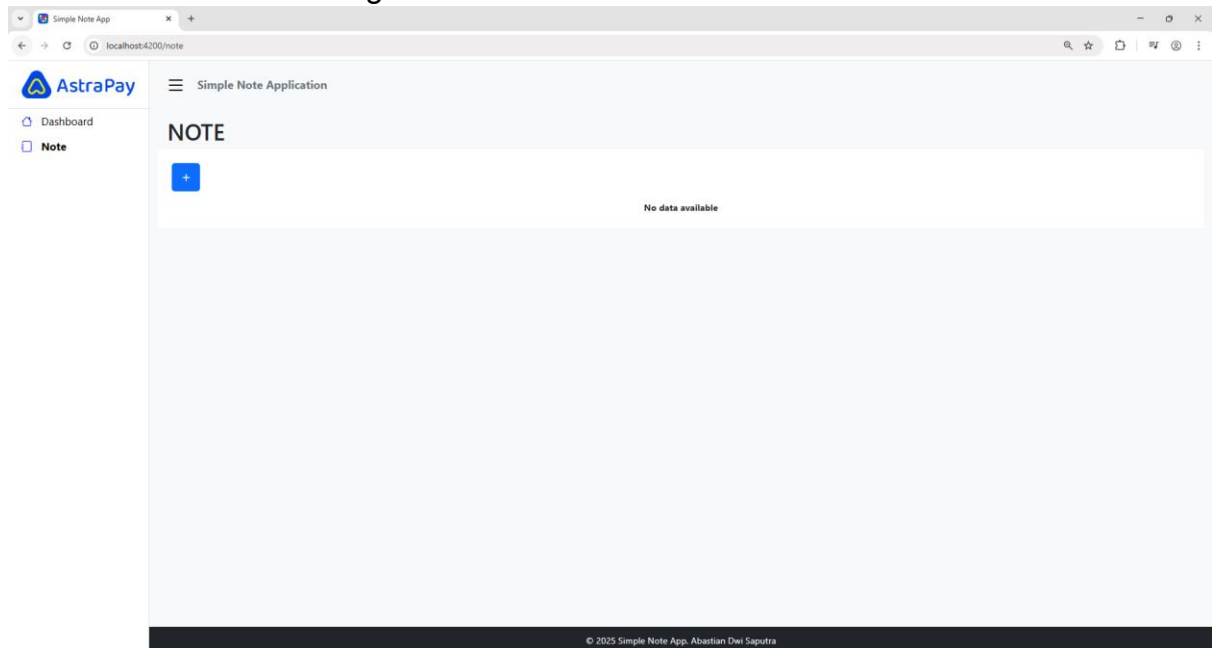
```

c. Halaman tampilan list kosong pada aplikasi Simple Notes

1. Halaman dashboard list kosong

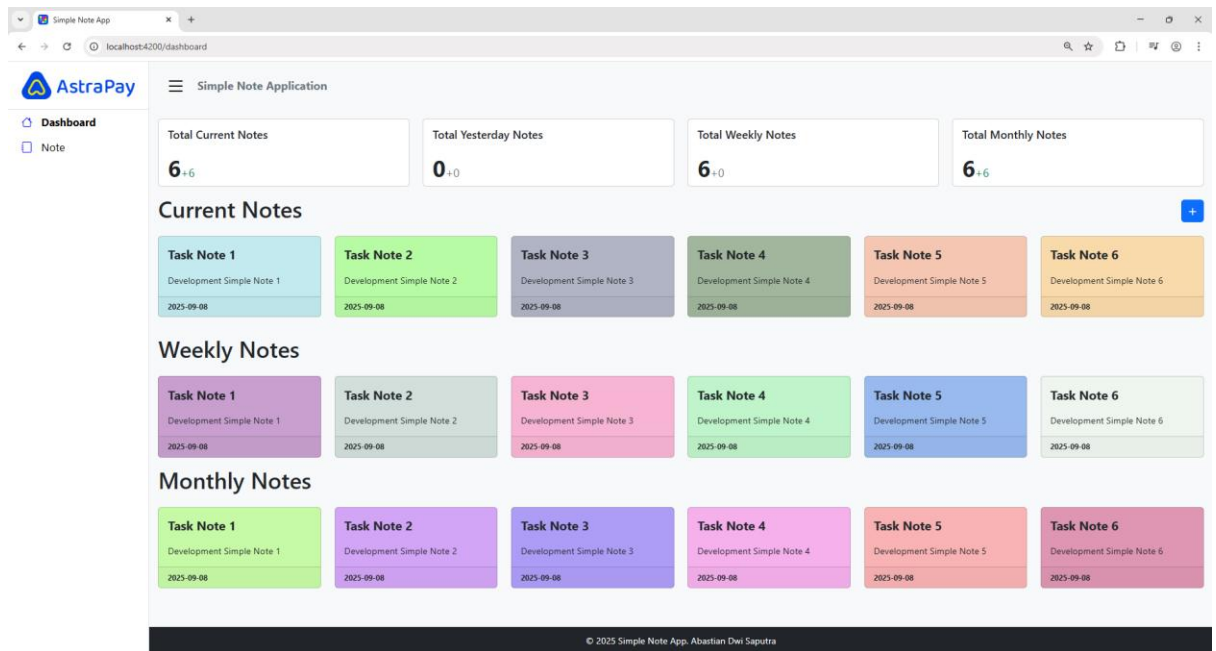


2. Halaman notes list kosong



d. Halaman tampilan yang berisi 6 notes

1. Halaman dashboard berisi 6 notes



2. Halaman notes berisi 6 notes

