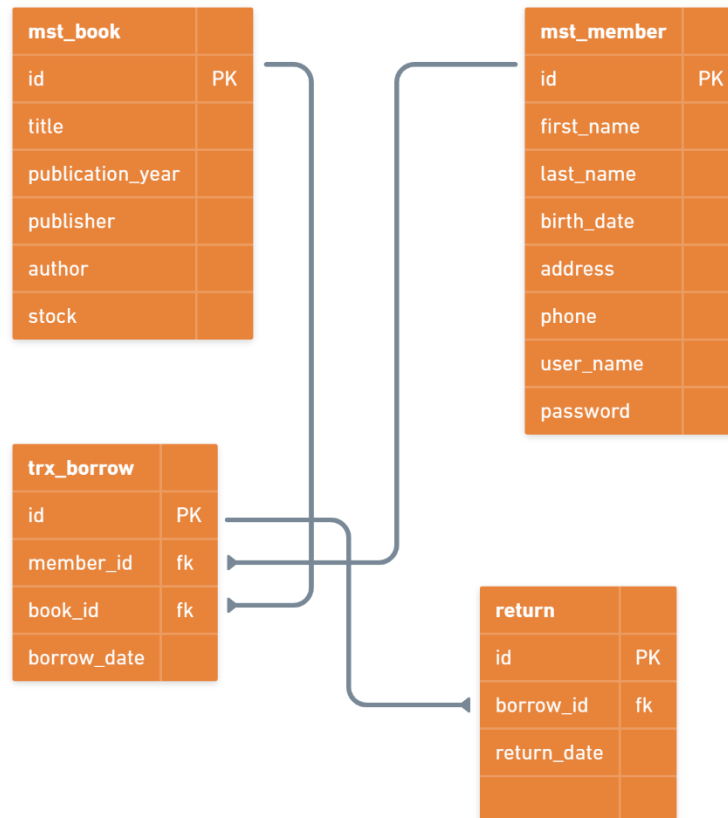


Fajar Perdana Nasution

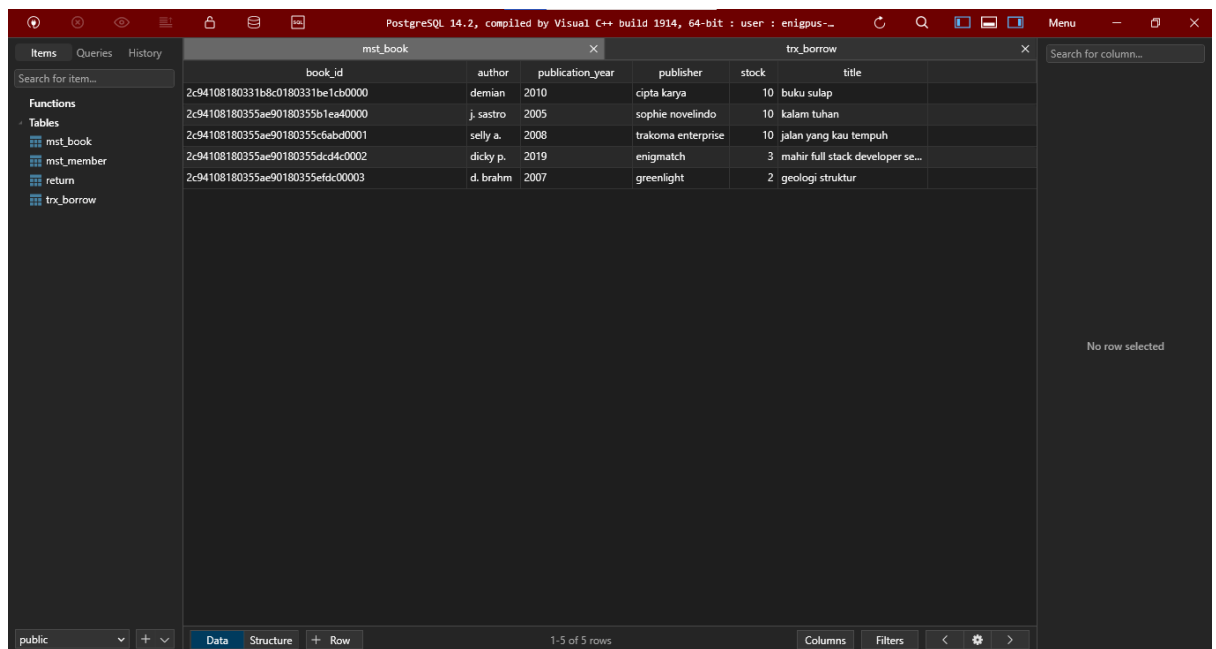
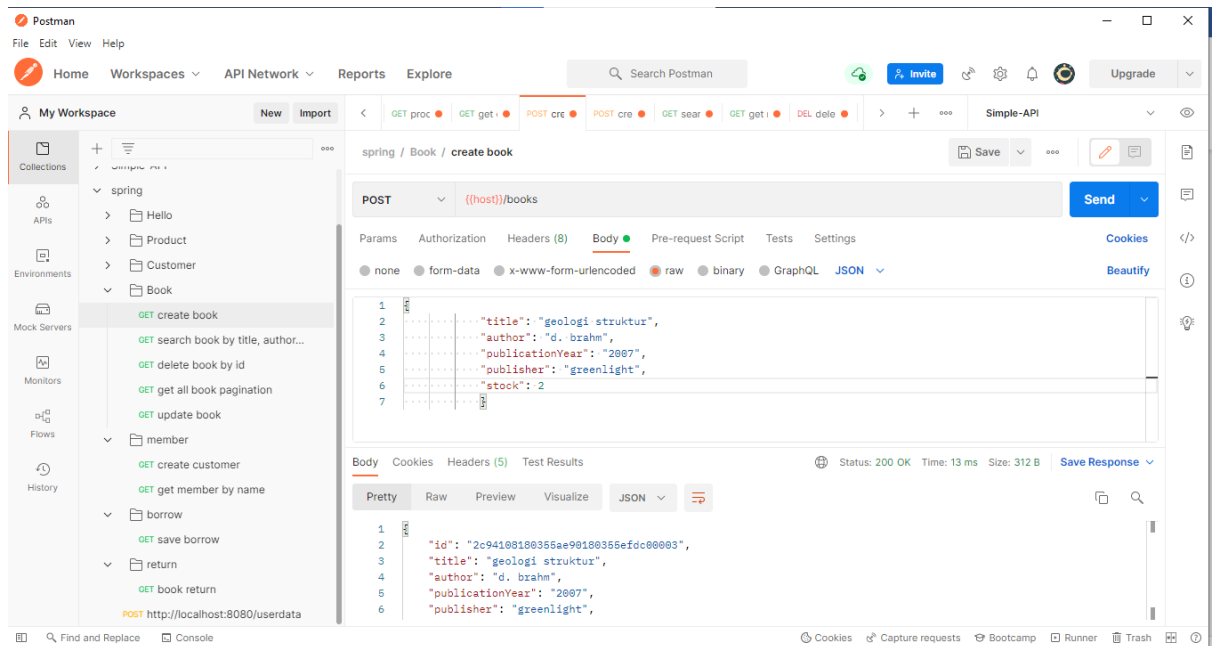
Pascal 8

Enigpus-boot

1. ERD dari aplikasi



2. Menambah Buku



3. Update Buku

Postman

File Edit View Help

Home Workspaces API Network Reports Explore

Search Postman

My Workspace

PUT upd. GET proc. GET get. POST cre. POST cre. GET sear. GET get. Simple-API

spring / Book / create book

POST ((host))/books

Params Authorization Headers (8) Body Pre-request Script Tests Settings

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

```
1 {
2   "id": "2c94108180355ae90180355efdc00003",
3   "title": "sedimentasi dan stratigrafi",
4   "author": "d. brahm",
5   "publicationYear": "2007",
6   "publisher": "greenlight",
7   "stock": 4
8 }
```

Status: 200 OK Time: 18 ms Size: 323 B Save Response

Body Cookies Headers (5) Test Results

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": "2c94108180355ae90180355efdc00003",
3   "title": "sedimentasi dan stratigrafi",
4   "author": "d. brahm",
5   "publicationYear": "2007",
6   "publisher": "greenlight",
7 }
```

Find and Replace Console Cookies Capture requests Bootcamp Runner Trash

PostgreSQL 14.2, compiled by Visual C++ build 1914, 64-bit : user : enignus...

Items Queries History

Search for item...

Functions

Tables

mst_book

mst_member

return

trx_borrow

book_id	author	publication_year	publisher	stock	title
2c94108180331b8c0180331be1cb0000	demian	2010	cipta karya	10	buku sulap
2c94108180355ae90180355b1ea40000	j. sastro	2005	sophie novelindo	10	kalam tuhan
2c94108180355ae90180355c6abd0001	selly a.	2008	trakoma enterprise	10	jalan yang kau tempuh
2c94108180355ae90180355dc4d4c0002	dicky p.	2019	enigmamatch	3	mahir full stack developer se...
2c94108180355ae90180355efdc00003	d. brahm	2007	greenlight	4	sedimentasi dan stratigrafi

public Data Structure + Row 1 of 5 rows selected Columns Filters

Search for column...

book_id varchar

2c94108180355ae90180355efdc00003

author varchar

d. brahm

publication_year varchar

2007

publisher varchar

greenlight

stock int4

4

title varchar

sedimentasi dan stratigrafi

4. Delete Buku

PostgreSQL 14.2, compiled by Visual C++ build 1914, 64-bit : user : enigpus--

mst_book				trx_borrow	
book_id	author	publication_year	publisher	stock	title
2c94108180331b8c0180331be1cb0000	demian	2010	cipta karya	10	buku sulap
2c94108180355ae90180355b1ea40000	j. sastro	2005	sophie novelindo	10	kalam tuhan
2c94108180355ae90180355c6abd0001	selly a.	2008	trakoma enterprise	10	jalan yang kau tempuh
2c94108180355ae90180355dc4c0002	dicky p.	2019	enigmamatch	3	mahir full stack developer se...
2c94108180355ae90180355efdc00003	d. brahm	2007	greenlight	4	sedimentasi dan stratigrafi

1 of 5 rows selected

Postman

File Edit View Help

Home Workspaces API Network Reports Explore

My Workspace

spring / Book / delete book by id

DELETE `{{host}}/books?id=2c94108180355ae90180355c6abd0001`

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> id	2c94108180355ae90180355c6abd0001	
Key	Value	Description

Body Cookies Headers (4) Test Results

Status: 200 OK Time: 82 ms Size: 123 B Save Response

1

book_id	author	publication_year	publisher	stock	title
2c94108180331b8c0180331be1cb0000	demian	2010	ciptanya	10	buku sulap
2c94108180355ae90180355b1ea40000	j. sastro	2005	sophie novelindo	10	kalam tuhan
2c94108180355ae90180355dc4c0002	dicky p.	2019	enigmatch	3	mahir full stack developer se...
2c94108180355ae90180355efdc00003	d. brahm	2007	greenlight	4	sedimentasi dan stratigrafi

5. Search Buku Tanpa Parameter

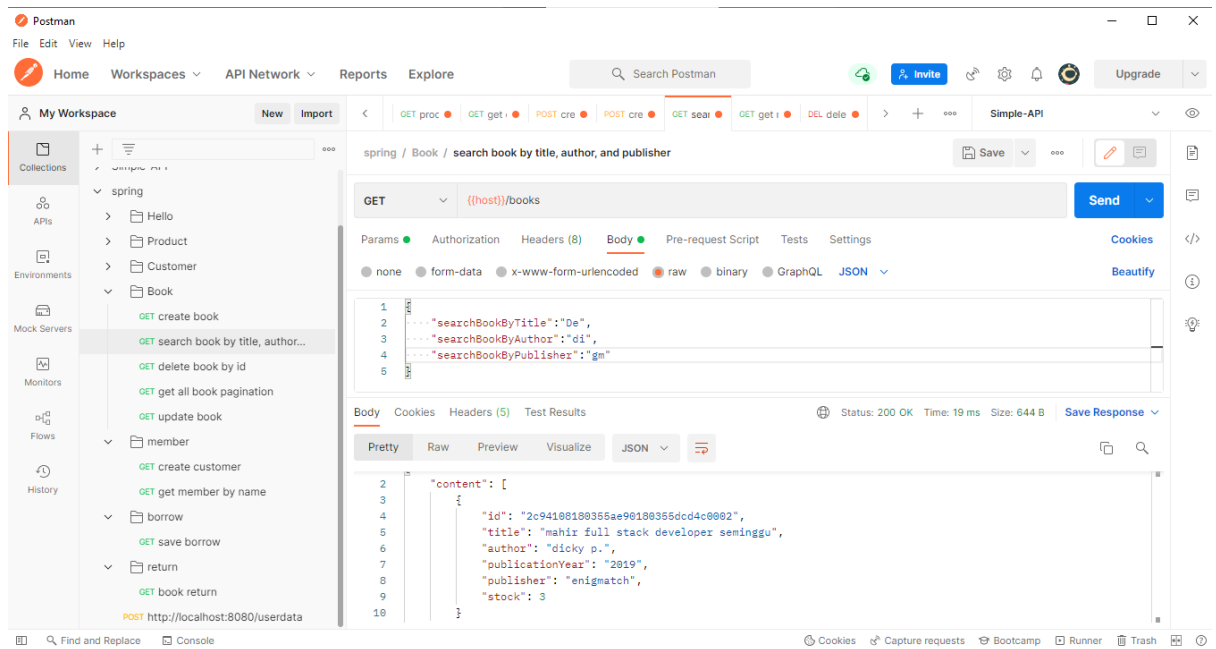
Postman interface showing a GET request to `http://localhost:8080/books`. The response status is 200 OK, and the response body is a JSON array of book data.

```

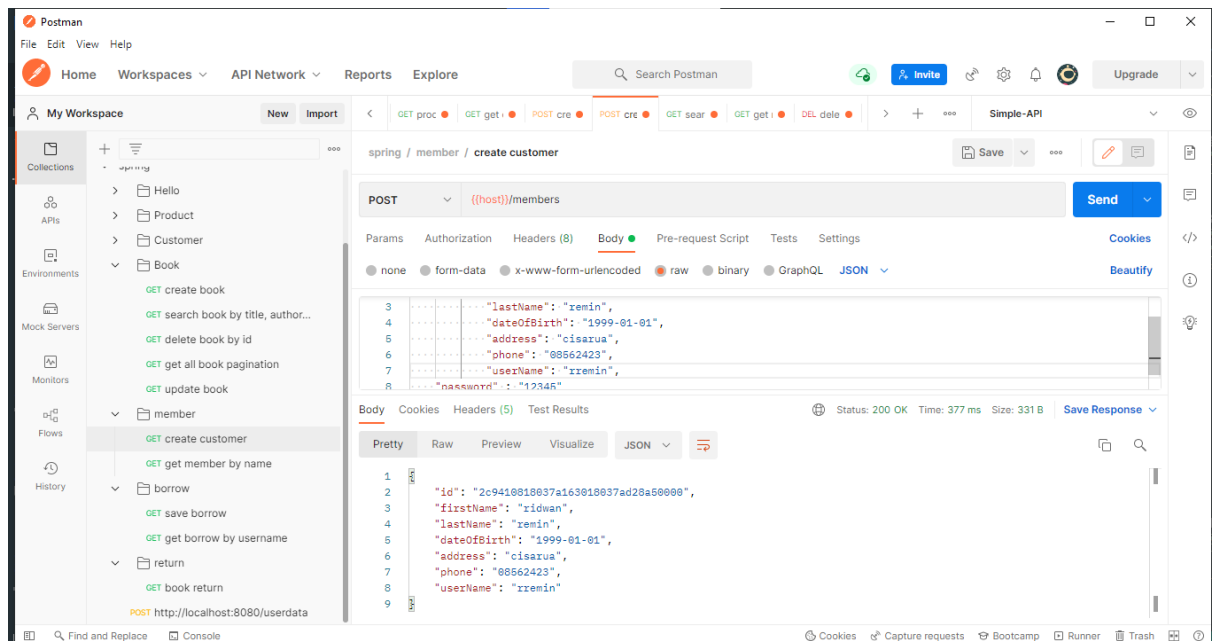
{
  "content": [
    {
      "id": "2c94108180331b8c0180331be1cb0000",
      "title": "buku sulap",
      "author": "demian",
      "publicationYear": "2010",
      "publisher": "ciptanya",
      "stock": 10
    },
    {
      "id": "2c94108180355ae90180355b1ea40000",
      "title": "kalam tuhan",
      "author": "j. sastro",
      "publicationYear": "2005",
      "publisher": "sophie novelindo",
      "stock": 10
    },
    {
      "id": "2c94108180355ae90180355dc4c0002",
      "title": "mahir full stack developer seminggu",
      "author": "dicky p.",
      "publicationYear": "2019",
      "publisher": "enigmatch",
      "stock": 3
    },
    {
      "id": "2c94108180355ae90180355efdc00003",
      "title": "sedimentasi dan stratigrafi",
      "author": "d. brahm",
      "publicationYear": "2007",
      "publisher": "greenlight",
      "stock": 4
    }
  ]
}

```

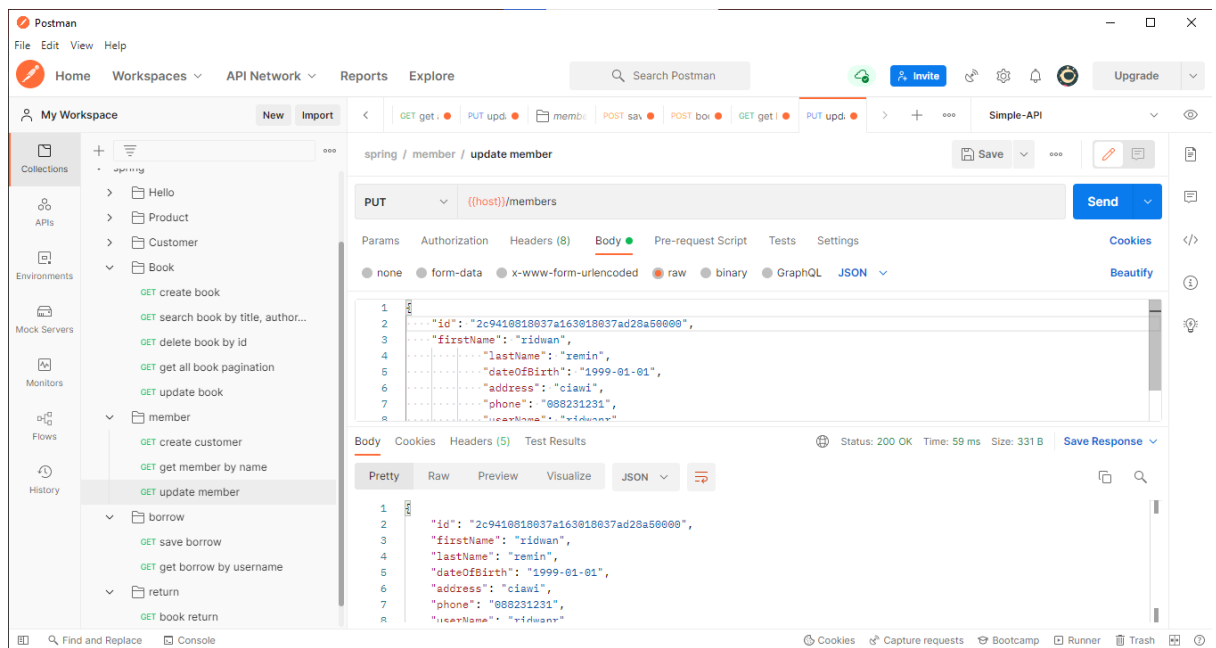
Dengan Parameter



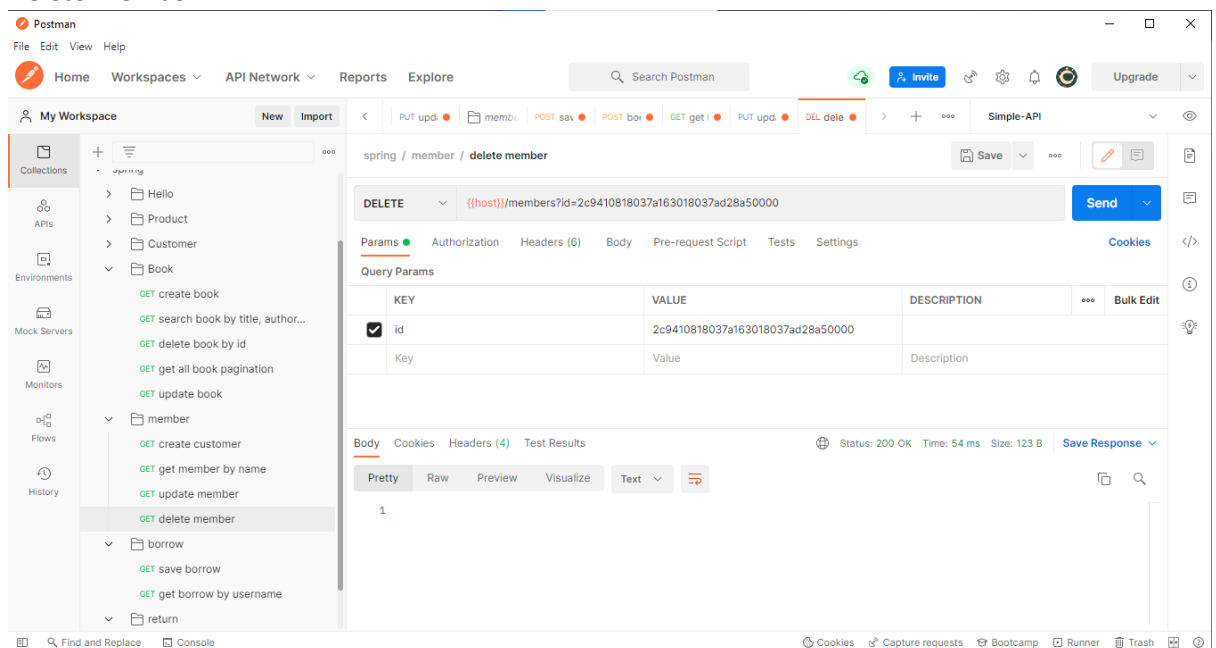
6. Create member



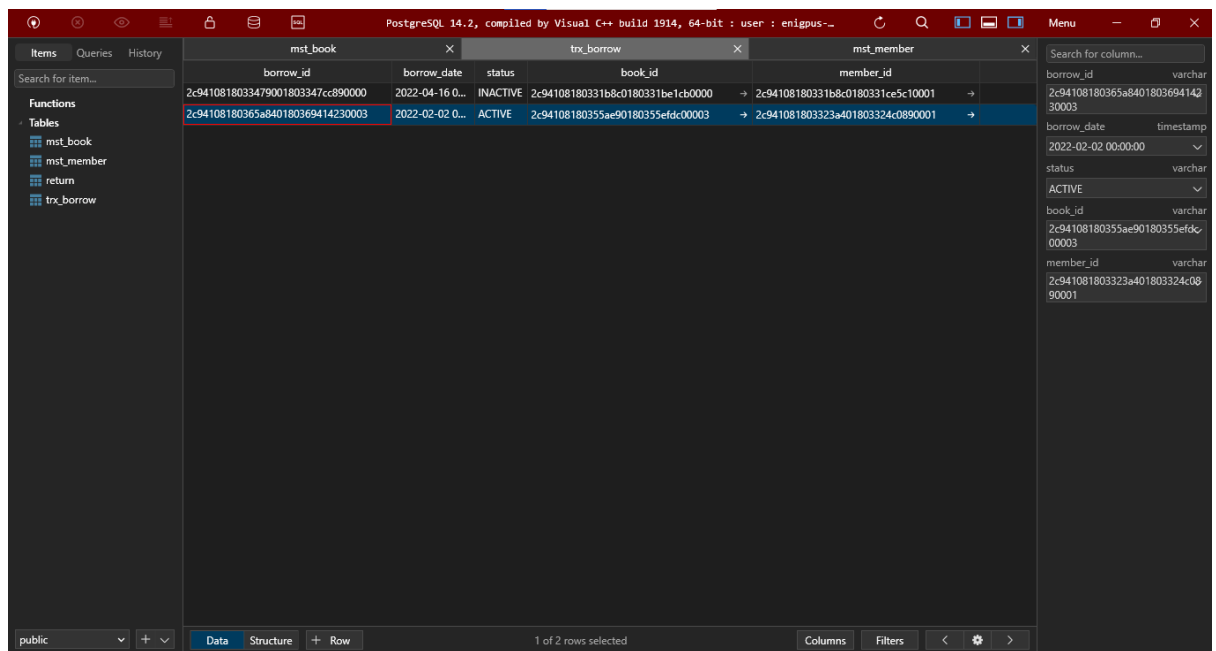
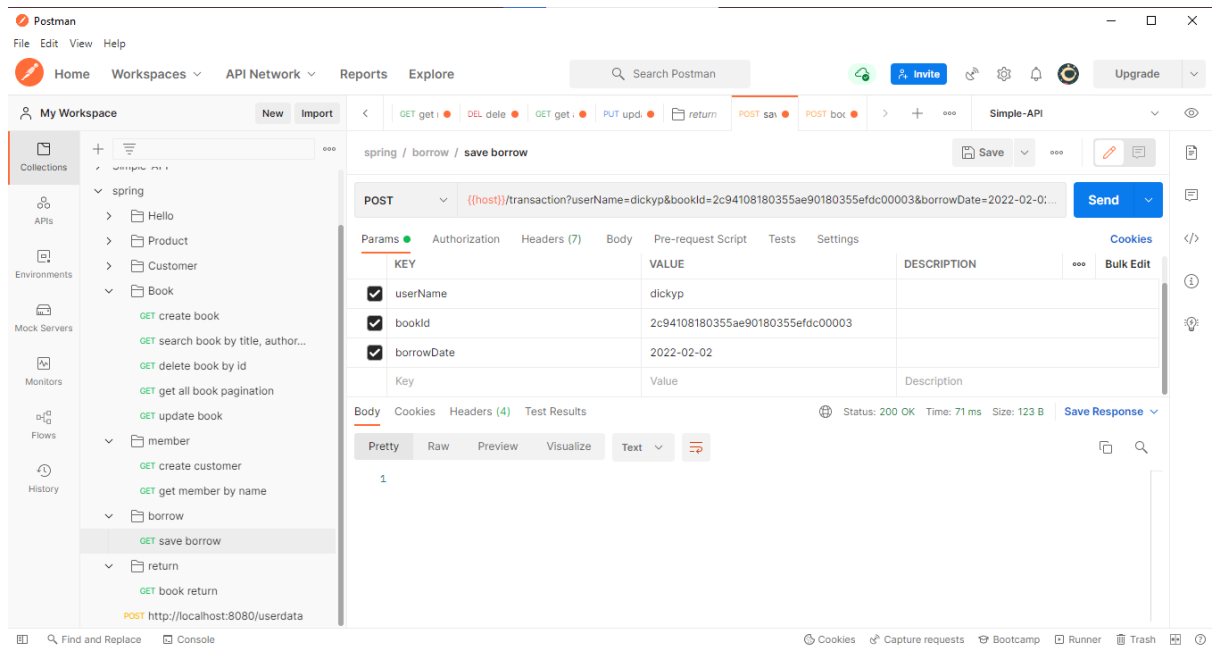
7. Update member



8. Delete Member



9. Meminjam buku



PostgreSQL 14.2, compiled by Visual C++ build 1914, 64-bit : user : enigpus--

mst_book	author	publication_year	publisher	stock	mst_member
2c94108180331b8c0180331be1cb0000	demian	2010	cipta karya	10 buku sulap	
2c94108180355ae90180355b1ea40000	j. sastro	2005	sophie novelindo	10 kalam tuhan	
2c94108180355ae90180355dc4c0002	dicky p.	2019	enigmach	3 mahir full stack developer se...	
2c94108180355ae90180355efdc00003	d. brahm	2007	greenlight	3 sedimentasi dan stratigrafi	

1 of 4 rows selected

10. Search Borrow By UserName

Postman

File Edit View Help

Home Workspaces API Network Reports Explore

My Workspace

spring / borrow / get borrow by username

GET {{host}}/transaction?userName=dickyp

Params Authorization Headers (6) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
userName	dickyp	

Body Cookies Headers (5) Test Results

Status: 200 OK Time: 21 ms Size: 593 B

Pretty Raw Preview Visualize JSON

```

10  {
11    "address": "puwodadi",
12    "phone": "084334234",
13    "userName": "dickyp"
14  },
15  "book": {
16    "id": "2c94108180355ae90180355efdc00003",
17    "title": "sedimentasi dan stratigrafi",
18    "author": "d. brahm",
19    "publicationYear": "2007",
20    "publisher": "greenlight",
21    "stock": 3
22  }

```

11. Return Book

PostgreSQL 14.2, compiled by Visual C++ build 1914, 64-bit : user : enigpus--

mst_book			trx_borrow		mst_member	
borrow_id	borrow_date	status	book_id	member_id		
2c9410818033479001803347cc890000	2022-04-16 0...	INACTIVE	2c94108180331b8c0180331be1cb0000	→ 2c94108180331b8c0180331ce5c10001	→	
2c94108180365a840180369414230003	2022-02-02 0...	ACTIVE	2c94108180355ae90180355efdc00003	→ 2c941081803323a401803324c0890001	→	

public | Data | Structure | + Row | 1-2 of 2 rows | Columns | Filters | < | >

Postman

File Edit View Help

Home Workspaces API Network Reports Explore

My Workspace

spring / return / book return

POST ((host))/back-transaction?borrowId=2c94108180365a840180369414230003&returnDate=2022-02-11

Params Authorization Headers (7) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> borrowId	2c94108180365a840180369414230003	
<input checked="" type="checkbox"/> returnDate	2022-02-11	
Key	Value	Description

Body Cookies Headers (4) Test Results

Status: 200 OK Time: 36 ms Size: 123 B Save Response

1

PostgreSQL 14.2, compiled by Visual C++ build 1914, 64-bit : user : eniguss-

Menu

Items Queries History

Search for item...

Functions

Tables

- mst_book
- mst_member
- return
- trx_borrow

public

Data Structure + Row

1 of 2 rows selected

Columns Filters

mst_book

trx_borrow

mst_member

Search for column...

borrow_id varchar

2c9410818033479001803347cc890000

2022-04-16 0...

INACTIVE

2c94108180331b8c0180331be1cb0000

2c94108180331b8c0180331ce5c10001

2c94108180365a840180369414230003

2022-02-02 0...

INACTIVE

2c94108180355ae90180355efdc00003

2c941081803323a401803324c0890001

2022-02-02 00:00:00

INACTIVE

book_id varchar

2c94108180355ae90180355efdc00003

member_id varchar

2c941081803323a401803324c0890001