

Loan Application API Documentation 2 (feat. SQL)

Some of the get function will be documented here not just with Postman but also with SQL query and table.

1. Get Transaction by ID

Loan_App / Transaction / Get Transaction by Id

GETlocalhost:8080/api/transactions/4a63888a-91cf-420e-b5c7-f36e278acced

ParamsAuthorizationHeaders (7)BodyPre-request ScriptTestsSettings

BodyCookiesHeaders (14)Test Results

PrettyRawPreviewVisualizeJSON

```
1 {
2   "message": "Fetch Success",
3   "data": {
4     "id": "4a63888a-91cf-420e-b5c7-f36e278acced",
5     "loanType": {
6       "id": "fced15e7-bd5b-4f04-ab37-7880701649b0",
7       "type": "Pinjaman Kredit Kendaraan",
8       "maxLoan": 5.0E7
9     },
10    "installmentType": {
11      "id": "5a9e8fa7-498d-4a40-bc17-41e49f262cca",
12      "installmentType": "NINE_MONTHS"
13    },
14    "customer": {
15      "id": "14505866-320b-4817-9afa-ed2239864aa9",
16      "firstName": "Jim",
17      "lastName": "Halpert",
18      "dateOfBirth": "1995-05-05",
19      "phone": "08781307131",
20      "status": "ACTIVE",
21      "user": {
22        "id": "026e6532-fde3-45bc-ad62-dc3057c6fdb",
23        "email": "jim05@gmail.com",
24        "password": "$2a$10$NEJlt1PDGMAHZxfIkdwLL1zg9YBMTLMGUY8fP.KAS4Rmka0x/va",
25        "roles": [
26          {
27            "role_id": "8f96eb81-d235-45d5-8b52-3d91679dbe33",
28            "name": "ROLE_CUSTOMER"
29          }
30        ]
31      }
32    },
33    "nominal": 1.0E7,
34    "interestRate": 3,
35    "approvedAt": 20240107,
36    "approvedBy": "nick17@gmail.com",
37    "approvalStatus": "APPROVED",
38    "loanTransactionDetails": [
39      {
40        "id": "0578b7c3-68fa-414c-a667-df7874fc0c1a",
41        "transactionDate": 20240107,
42        "nominal": 1.03E7,
43        "loanStatus": "UNPAID",
44        "updatedAt": 20240107
45      },
46      {
47        "id": "cab5075a-5164-4e71-9081-1632306aff40",
48        "transactionDate": 20240107,
49        "nominal": 9155555.555555556,
50        "loanStatus": "UNPAID",
51        "updatedAt": 20240107
52      },
53      {
54        "id": "71157d4e-f1f6-4f57-9a36-d95c738b61d4",
55        "transactionDate": 20240107,
56        "nominal": 8011111.111111112,
57        "loanStatus": "UNPAID",
58        "updatedAt": 20240107
59      }
60    ]
61  }
62 }
```

```
{
  "id": "26b736a0-ef91-4307-bc66-7fde1ca88ac0",
  "transactionDate": 20240107,
  "nominal": 6866666.666666668,
  "loanStatus": "UNPAID",
  "updatedAt": 20240107
},
{
  "id": "6c7d7c37-3add-4868-94b6-b29388328646",
  "transactionDate": 20240107,
  "nominal": 5722222.222222224,
  "loanStatus": "UNPAID",
  "updatedAt": 20240107
},
{
  "id": "6a0636fd-7f02-4b02-9789-fc673bc18dac",
  "transactionDate": 20240107,
  "nominal": 4577777.77777778,
  "loanStatus": "UNPAID",
  "updatedAt": 20240107
},
{
  "id": "7b81f8c5-4428-4c83-8fd1-0629e52d7a6e",
  "transactionDate": 20240107,
  "nominal": 3433333.3333333354,
  "loanStatus": "UNPAID",
  "updatedAt": 20240107
},
{
  "id": "916037db-2c2b-4e7c-809a-6678e144b457",
  "transactionDate": 20240107,
  "nominal": 2288888.888888891,
  "loanStatus": "UNPAID",
  "updatedAt": 20240107
},
{
  "id": "4a527811-9761-4559-ba2f-7f027c461ebc",
  "transactionDate": 20240107,
  "nominal": 1144444.4444444464,
  "loanStatus": "UNPAID",
  "updatedAt": 20240107
},
{
  "id": "5ae8b0c7-feef-4752-ac61-146cea611a87",
  "transactionDate": 20240107,
  "nominal": 1.862645149230957E-9,
  "loanStatus": "UNPAID",
  "updatedAt": 20240107
},
{
  "id": "d3ec85bd-7a05-4af3-8522-7e15937875e9",
  "transactionDate": 20240107,
  "nominal": 0.0,
  "loanStatus": "PAID",
  "updatedAt": 20240107
}
],
"createdAt": 20240107,
"updatedAt": 20240107
}
```

Get Transaction by ID Response with SQL Query

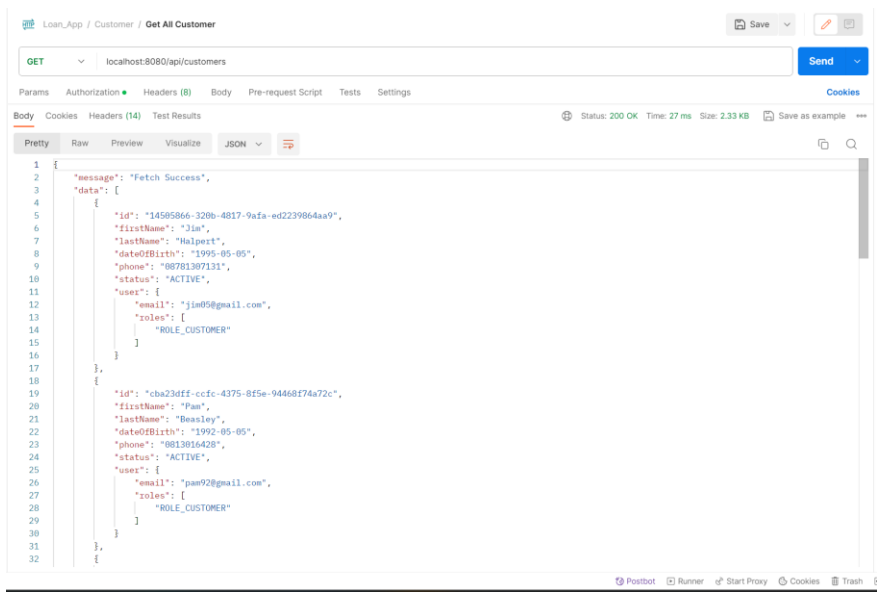
Query Query History

```
1 CREATE VIEW get_all_loan AS
2     SELECT l.id, l.created_at, lt.type AS loan_type, it.installment_type, CONCAT(c.first_name, ' ', c.last_name) AS customer_name,
3           u.email, l.nominal AS loan_nominal, l.interest_rate, l.approval_status, l.approved_at, l.approved_by, ld.transaction_date,
4           ld.nominal AS payment, ld.loan_status, ld.updated_at
5     FROM trx_loan l
6     JOIN t_loan_type lt ON l.loan_type_id = lt.loan_type_id
7     JOIN t_installment_type it ON l.installment_type_id = it.id
8     JOIN mst_customer c ON l.customer_id = c.id
9     JOIN mst_user u ON u.id = c.user_id
10    JOIN trx_loan_detail ld ON l.id = ld.trx_loan_id;
11
12 SELECT * FROM get_all_loan WHERE id = '4a63888a-91cf-420e-b5c7-f36e278accde';
```

	id character varying (255)	created_at bigint	loan_type character varying (255)	installment_type character varying (255)	customer_name text	email character varying (255)	loan_nominal double precision	interest_rate integer	approval_status character varying (2)
1	4a63888a-91cf-420e-b5c7-f36e278accde	20240107	Pinjaman Kredit Kendaraan	NINE_MONTHS	Jim Halpert	jim05@gmail.com	10000000	3	APPROVED
2	4a63888a-91cf-420e-b5c7-f36e278accde	20240107	Pinjaman Kredit Kendaraan	NINE_MONTHS	Jim Halpert	jim05@gmail.com	10000000	3	APPROVED
3	4a63888a-91cf-420e-b5c7-f36e278accde	20240107	Pinjaman Kredit Kendaraan	NINE_MONTHS	Jim Halpert	jim05@gmail.com	10000000	3	APPROVED
4	4a63888a-91cf-420e-b5c7-f36e278accde	20240107	Pinjaman Kredit Kendaraan	NINE_MONTHS	Jim Halpert	jim05@gmail.com	10000000	3	APPROVED
5	4a63888a-91cf-420e-b5c7-f36e278accde	20240107	Pinjaman Kredit Kendaraan	NINE_MONTHS	Jim Halpert	jim05@gmail.com	10000000	3	APPROVED
6	4a63888a-91cf-420e-b5c7-f36e278accde	20240107	Pinjaman Kredit Kendaraan	NINE_MONTHS	Jim Halpert	jim05@gmail.com	10000000	3	APPROVED
7	4a63888a-91cf-420e-b5c7-f36e278accde	20240107	Pinjaman Kredit Kendaraan	NINE_MONTHS	Jim Halpert	jim05@gmail.com	10000000	3	APPROVED
8	4a63888a-91cf-420e-b5c7-f36e278accde	20240107	Pinjaman Kredit Kendaraan	NINE_MONTHS	Jim Halpert	jim05@gmail.com	10000000	3	APPROVED
9	4a63888a-91cf-420e-b5c7-f36e278accde	20240107	Pinjaman Kredit Kendaraan	NINE_MONTHS	Jim Halpert	jim05@gmail.com	10000000	3	APPROVED
10	4a63888a-91cf-420e-b5c7-f36e278accde	20240107	Pinjaman Kredit Kendaraan	NINE_MONTHS	Jim Halpert	jim05@gmail.com	10000000	3	APPROVED
11	4a63888a-91cf-420e-b5c7-f36e278accde	20240107	Pinjaman Kredit Kendaraan	NINE_MONTHS	Jim Halpert	jim05@gmail.com	10000000	3	APPROVED

approved_at bigint	approved_by character varying (255)	transaction_date bigint	payment double precision	loan_status character varying (255)	updated_at bigint
20240107	nick17@gmail.com	20240107	10300000	UNPAID	20240107
20240107	nick17@gmail.com	20240107	9155555.555555556	UNPAID	20240107
20240107	nick17@gmail.com	20240107	8011111.111111112	UNPAID	20240107
20240107	nick17@gmail.com	20240107	6866666.666666668	UNPAID	20240107
20240107	nick17@gmail.com	20240107	5722222.222222224	UNPAID	20240107
20240107	nick17@gmail.com	20240107	4577777.77777778	UNPAID	20240107
20240107	nick17@gmail.com	20240107	3433333.3333333354	UNPAID	20240107
20240107	nick17@gmail.com	20240107	2288888.888888891	UNPAID	20240107
20240107	nick17@gmail.com	20240107	1144444.4444444464	UNPAID	20240107
20240107	nick17@gmail.com	20240107	1.862645149230957e-09	UNPAID	20240107
20240107	nick17@gmail.com	20240107	0	PAID	20240107

2. Get All Customer + User (Admin Only)



Get All Customer + User Response with SQL query

```
CREATE VIEW get_all_customer AS
SELECT c.id, c.date_of_birth, c.first_name, c.last_name, c.phone, c.status, c.user_id, u.email, r.name
FROM mst_customer c
JOIN mst_user u ON c.user_id = u.id
JOIN t_user_role ur ON u.id = ur.user_id
JOIN t_role r ON ur.role_id = r.role_id;

SELECT * FROM get_all_customer;
```

	id character varying (255)	date_of_birth date	first_name character varying (50)	last_name character varying (50)	phone character varying (16)	status character varying (255)	user_id character varying (255)
1	14505866-320b-4817-9afa-ed2239864aa9	1995-05-05	Jim	Halpert	08781307131	ACTIVE	026e6532-fde3-45bc-ad62-dc3057c6fdb
2	cba23dff-ccfc-4375-8f5e-94468f74a72c	1992-05-05	Pam	Beasley	0813016428	ACTIVE	5cf2e262-b076-49d0-b41e-51e651ea64ae
3	1260b99d-f073-4d2a-8438-fef93f380aa5	1992-08-19	Dwight	Schrute	082097314034	ACTIVE	c6c5260f-2890-484c-b63e-444bb7b6a58f
4	6d685591-a70e-4828-b131-d82701148db3	1991-02-10	Eric	Alphonse	08080137913	ACTIVE	bfe15894-08e2-4446-98ca-4833eee3c35c
5	d99ec12f-213a-4a60-aba5-b2504430e244	1990-10-21	Michael	Hersey	0890121741	ACTIVE	5beb0a3b-0053-484f-85f2-8e3f3bc986f6
6	ade8d28a-2bf3-4388-93ab-7c9121528227	1999-11-11	John	Doe	0818013791	ACTIVE	6441e59e-78c0-48c0-8495-ae8ea4bdf30
7	25fabbb8b-21a5-429f-a11f-ec552e779c07	2001-12-01	Jane	Doe	0828294981	ACTIVE	79d9d9a7-41b2-4a10-b66f-830e894df94b
8	18379387-174d-4f8d-aef8-c3353b380c92	1997-01-12	Brian	Jack	083010218	ACTIVE	3b4d550d-44cc-43e8-886d-9638e5d9254f
9	b0b89d2e-87ea-44a5-a5e6-c24de1196734	1996-08-10	Sebastian	Shaw	08871209456	ACTIVE	52318828-a1c3-490d-95ae-31dba88a12b6

email character varying (255)	name character varying (255)
jim05@gmail.com	ROLE_CUSTOMER
pam92@gmail.com	ROLE_CUSTOMER
dwight33@gmail.com	ROLE_CUSTOMER
eric27@gmail.com	ROLE_CUSTOMER
mike19@gmail.com	ROLE_CUSTOMER
john11@gmail.com	ROLE_CUSTOMER
jane01@gmail.com	ROLE_CUSTOMER
brian21@gmail.com	ROLE_CUSTOMER
ss19@gmail.com	ROLE_CUSTOMER

3. Get Customer (+ User) by ID (Admin Only)

HTTP Loan_App / Customer / Get Customer by Id

GET localhost:8080/api/customers/14505866-320b-4817-9afa-ed2239864aa9

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

Type Bearer Token

The authorization header will be automatically generated when you send the request. Learn more about [Bearer Token](#) authorization

Heads up! These parameters hold sensitive data. To keep this data secure while working in a colla variables. Learn more about [variables](#)

Token eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ...

Body Cookies Headers (14) Test Results Status: 200 OK

Pretty Raw Preview Visualize JSON

```
1 {
2   "message": "Fetch Success",
3   "data": {
4     "id": "14505866-320b-4817-9afa-ed2239864aa9",
5     "firstName": "Jim",
6     "lastName": "Halpert",
7     "dateOfBirth": "1995-05-05",
8     "phone": "08781307131",
9     "status": "ACTIVE",
10    "user": {
11      "email": "jim05@gmail.com",
12      "roles": [
13        "ROLE_CUSTOMER"
14      ]
15    }
16  }
17 }
```

Get Customer + User Response by ID with SQL Query

```
14 CREATE VIEW get_all_customer AS
15 SELECT c.id, c.date_of_birth, c.first_name, c.last_name, c.phone, c.status, c.user_id, u.email, r.name
16 FROM mst_customer c
17 JOIN mst_user u ON c.user_id = u.id
18 JOIN t_user_role ur ON u.id = ur.user_id
19 JOIN t_role r ON ur.role_id = r.role_id;
20
21 SELECT * FROM get_all_customer WHERE id = '14505866-320b-4817-9afa-ed2239864aa9';
```

Data Output Messages Notifications

	id character varying (255)	date_of_birth date	first_name character varying (50)	last_name character varying (50)	phone character varying (16)	status character varying (255)	user_id character varying (255)
1	14505866-320b-4817-9afa-ed2239864aa9	1995-05-05	Jim	Halpert	08781307131	ACTIVE	026e532-fde3-45bc-ad62-dc3057c6fdb