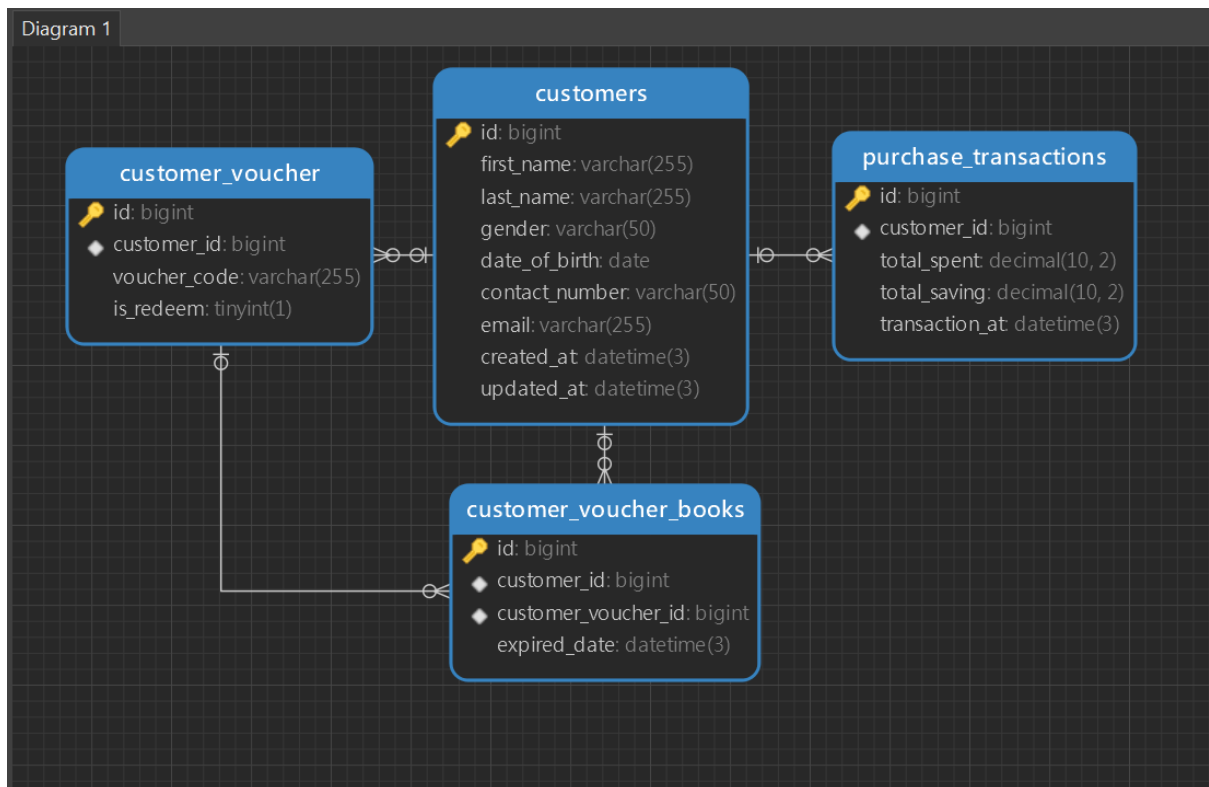


Database design



CONFIG

Database = Setup database connection

initData = for migration data seeder, if first initial you have value true, if not you have false.

```
conf > app.ini
1 appname = api_gateway_service
2 version = 1.1.0
3 serverTimeout=120
4 executionTimeout=30
5 httpport = 8082
6 runmode = dev
7 autorender = false
8 copyrequestbody = true
9 EnableDocs = true
10 lang="en|id"
11 logPath="./logs/api.log"
12 slackWebhookUrllog = ""
13 initData=true
14
15 [database]
16 # debug=true
17 driver="mysql"
18 host="localhost"
19 username=citizix_user
20 password=An0thrs3crt
21 name=citizix_db
22 port=3306
23 options="charset=utf8mb4&parseTime=True&loc=Local"
24 maxOpenConn = 25
25 maxIdleConn = 25
26 maxLifeTimeConn = 300
27 maxIdleTimeConn = 300
```

TESTING

For Positif case

- You must use customer eligibility requirement :
 1. Customer must have atleast 3 purchase_transaction with transaction_at at 30 days latest
 2. Customer must have atleast minimal total spent with all summary purchase_transaction with 100,
 3. Customer not yet get voucher (customer not yet available customer_voucher_books and customer_voucher)

for example I use customer id = 2

The screenshot displays the Swagger UI for a REST API. The browser address bar shows the URL: `localhost:8082/swagger/index.html#/Customer/get_v1_link_voucher_id_`. The interface is for the `get_v1_link_voucher_id_` endpoint, which takes an `integer (path)` parameter. The parameter value `2` is entered in the input field. Below the input field are `Execute` and `Clear` buttons. The `Responses` section shows the response content type set to `application/json`. The `Curly` section displays the command: `curl -X 'GET' \ 'http://localhost:8082/api/v1/link-voucher/2' \ -H 'accept: application/json'`. The `Request URL` section shows `http://localhost:8082/api/v1/link-voucher/2`. The `Server response` section shows a `200` status code. The `Response body` section displays the following JSON response:

```
{  "code": "OK",  "message": "operasi berhasil dieksekusi.",  "data": {    "expired": "2022-07-09 19:04:37"  },  "errors": null,  "request_id": "7c2bdfid-c754-4cbc-afde-823277375596",  "timestamp": "2022-07-09 18:54:37"}
```

 The `Response headers` section shows `access-control-allow-credentials: false` and `access-control-allow-headers: Origin,Accept,Content-Type,authorization`. A `Download` button is visible next to the response body.

- Then verify image (validation with duration get link to verify image timeout 10 minutes with expired),you must upload file with correctly ,for fake validation image you can use image name use any text “face” and image size more than 50kb ,for example I use file image name “profile_face” with image size 117kb,and use customer id = 2

localhost:8082/swagger/index.html#/Customer/post_v1_verify_photo_id_2

(formData)

id * required
integer
(path)

2

Execute Clear

Responses

Response content type application/json

Curl

```
curl -X 'POST' \
  http://localhost:8082/api/v1/verify-photo/2' \
  -H 'accept: application/json' \
  -H 'Content-Type: multipart/form-data' \
  -F 'file=@profile_face.jpeg;type=image/jpeg'
```

Request URL

http://localhost:8082/api/v1/verify-photo/2

Server response

Code Details

200

Response body

```
{
  "code": "OK",
  "message": "operasi berhasil dieksekusi.",
  "data": {
    "voucher_code": "08V0u0BKF"
  },
  "errors": null,
  "request_id": "3d0effda-7200-499b-bc48-1d00af3ac3b",
  "timestamp": "2022-07-09 18:55:49"
}
```

Response headers

For negative case

- Customer not complete 3 purchase transaction last 30 days ,can you use Id customer = 10

The screenshot shows the Swagger UI interface for a REST API. The URL bar indicates the endpoint is `localhost:8082/swagger/index.html#/Customer/get_v1_link_voucher_id_`. The parameter `id` (path) is set to `10`. The `Execute` button has been clicked, resulting in a `400` status code response.

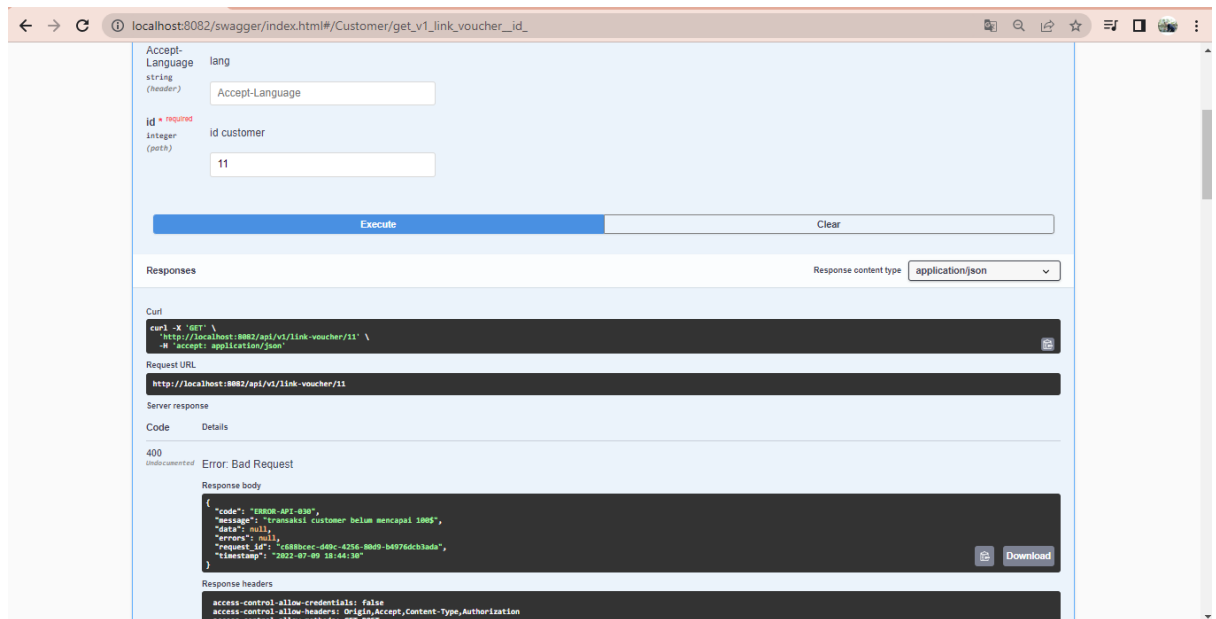
Response Details:

- Code:** 400
- Message:** Error: Bad Request
- Response body:**

```
{  "code": "ERR08-API-020",  "message": "customer belum memiliki batas minimal 3 transaksi dalam 30 hari terakhir",  "data": null,  "errors": null,  "request_id": "3fb7a514-3c16-4829-8f58-9e892716cf57",  "timestamp": "2022-07-09 18:42:49"}
```
- Response headers:**

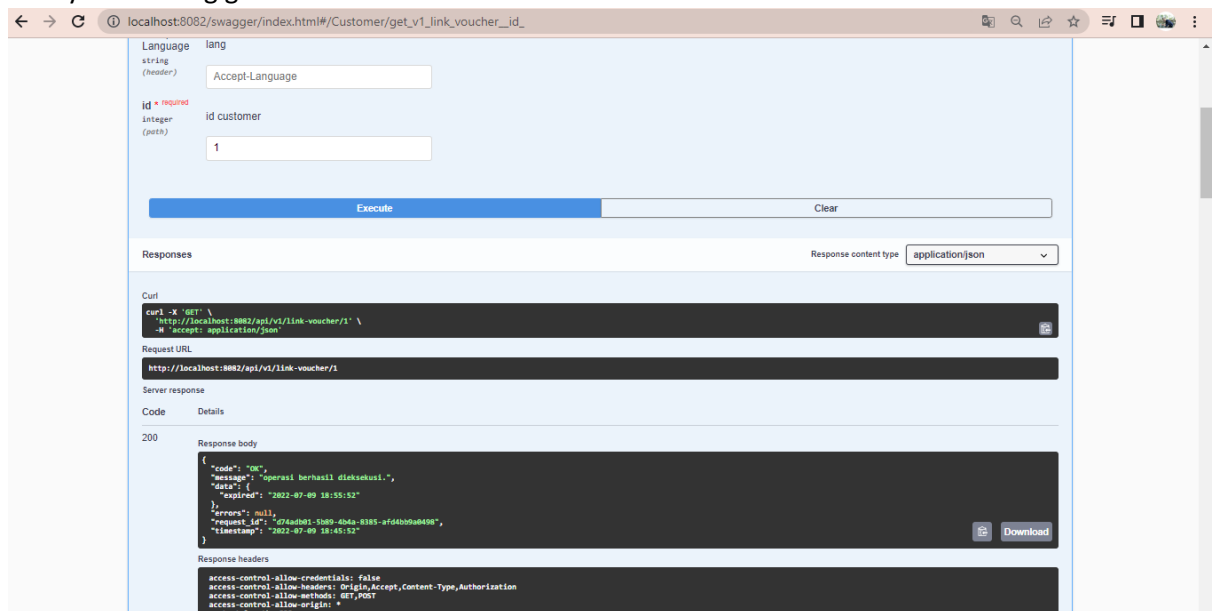
```
access-control-allow-credentials: falseaccess-control-allow-headers: Origin,Script,Content-Type,Authorizationaccess-control-allow-methods: GET,POSTaccess-control-allow-origin: *content-length: 246content-type: application/json; charset=utf-8date: Sat, 09 Jul 2022 11:42:49 GMTserver: BengolServer/2.0.0x-request-id: 3fb7a514-3c16-4829-8f58-9e892716cf57
```

- Customer not equal all transaction summary more than \$100,can you use id customer = 11



- Customer Already redeem voucher cash, and just only one voucher for one customer, can you use id customer example = 1

First you finishing get voucher



localhost:8082/swagger/index.html#/

file * required
file
(formData)
 profile_face.jpeg

id * required
integer
(path)

Responses Response content type: application/json

Curl

```
curl -X 'POST' \
  'http://localhost:8082/api/v1/verify-photo/1' \
  -H 'accept: application/json' \
  -H 'Content-Type: multipart/form-data' \
  -F 'file@profile_face.jpeg;type=image/jpeg'
```

Request URL

http://localhost:8082/api/v1/verify-photo/1

Server response

Code Details

200

Response body

```
{
  "code": "OK",
  "message": "Operasi berhasil dieksekusi.",
  "data": {
    "voucher_code": "fj9mwiQu"
  },
  "errors": null,
  "request_id": "28b685a-3e9d-4cbe-bede-1ea924ab835",
  "timestamp": "2022-07-09 18:46:46"
}
```

Response headers

```
access-control-allow-credentials: false
```

And if you request again ,you will detect validation you already get voucher

localhost:8082/swagger/index.html#/Customer/get_v1_link_voucher_id

Language lang
string
(header)

id * required
integer
(path)

Responses Response content type: application/json

Curl

```
curl -X 'GET' \
  'http://localhost:8082/api/v1/link-voucher/1' \
  -H 'accept: application/json'
```

Request URL

http://localhost:8082/api/v1/link-voucher/1

Server response

Code Details

400

undocumented Error: Bad Request

Response body

```
{
  "code": "ERROR_API-032",
  "message": "customer sudah mendapatkan voucher",
  "data": null,
  "errors": null,
  "request_id": "26a0876-3fae-4a51-af2a-6c66396af46f",
  "timestamp": "2022-07-09 18:48:37"
}
```

Response headers

```
access-control-allow-credentials: false
access-control-allow-headers: Origin,Accept,Content-Type,Authorization
access-control-allow-methods: GET,POST
access-control-allow-origin: *
```

localhost:8082/swagger/index.html#/

file * required
file
(formData)

profile_face.jpeg

id * required
integer
(path)

Responses Response content type: application/json

Curl

```
curl -X 'POST' \
  'http://localhost:8082/api/v1/verify-photo/1' \
  -H 'accept: application/json' \
  -H 'content-type: multipart/form-data' \
  -F 'file=@profile_face.jpeg;type=Image/jpeg'
```

Request URL

Server response

Code Details

400

Error: Bad Request

Response body

```
{
  "code": "ERROR-API-032",
  "message": "customer sudah mendapatkan voucher",
  "data": null,
  "errors": null,
  "request_id": "88fe9417-6473-4160-b649-a633a57fd991",
  "timestamp": "2022-07-09 18:48:55"
}
```

Response headers

- Vouchers have run out

localhost:8082/swagger/index.html#/Customer/get_v1_link_voucher_id_

id * required
integer
(path)

Responses Response content type: application/json

Curl

```
curl -X 'GET' \
  'http://localhost:8082/api/v1/link-voucher/3' \
  -H 'accept: application/json'
```

Request URL

Server response

Code Details

400

undocumented Error: Bad Request

Response body

```
{
  "code": "ERROR-API-028",
  "message": "voucher sudah habis",
  "data": null,
  "errors": null,
  "request_id": "d22876a3-d884-49a7-b559-4aef02681842",
  "timestamp": "2022-07-09 19:13:19"
}
```

Response headers

```
access-control-allow-credentials: false
access-control-allow-headers: Origin,Accept,Content-Type,Authorization
access-control-allow-methods: GET,POST
access-control-allow-origin: *
content-length: 193
content-type: application/json; charset=utf-8
date: Sat, 09 Jul 2022 13:11:19 GMT
```