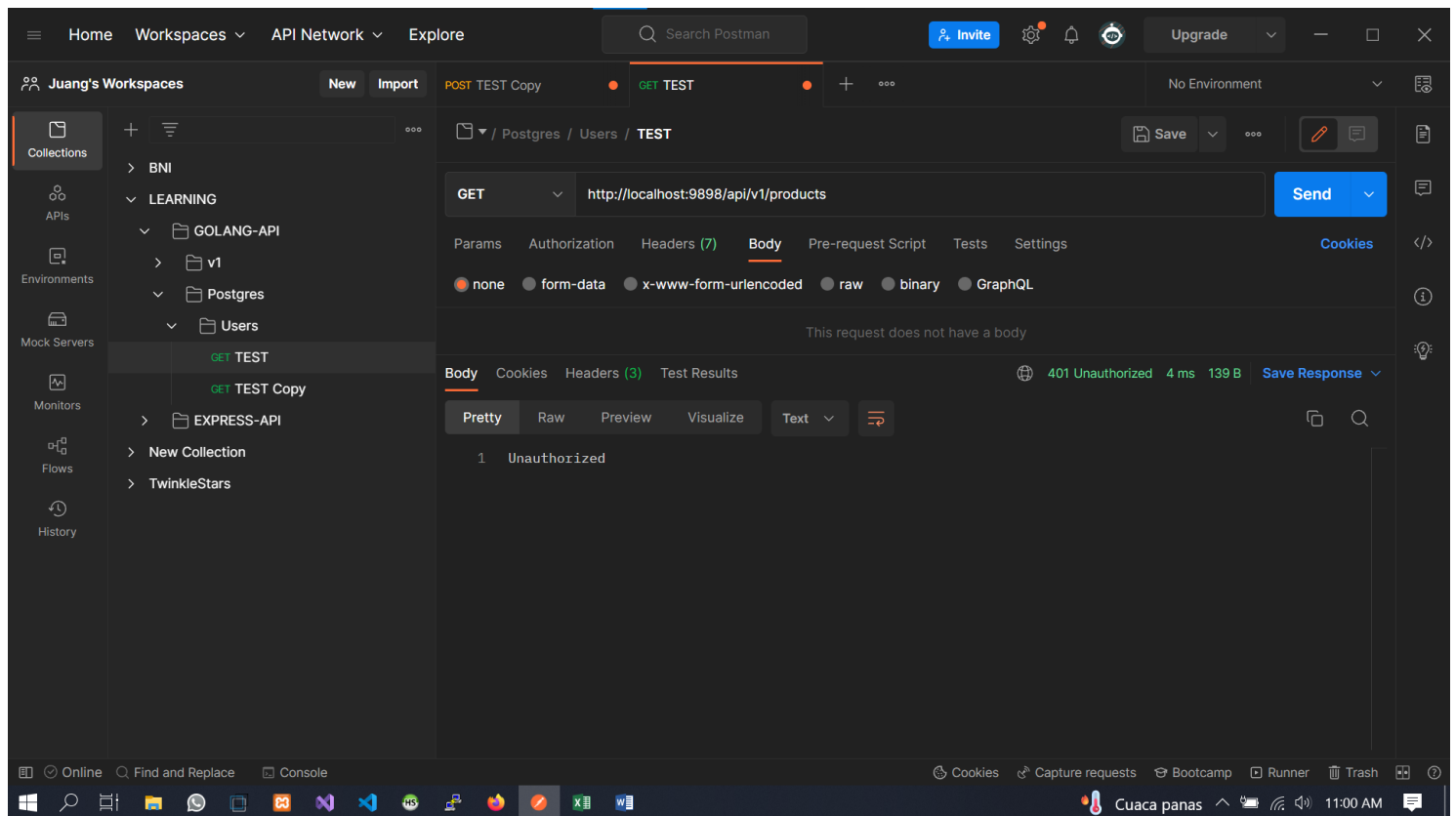
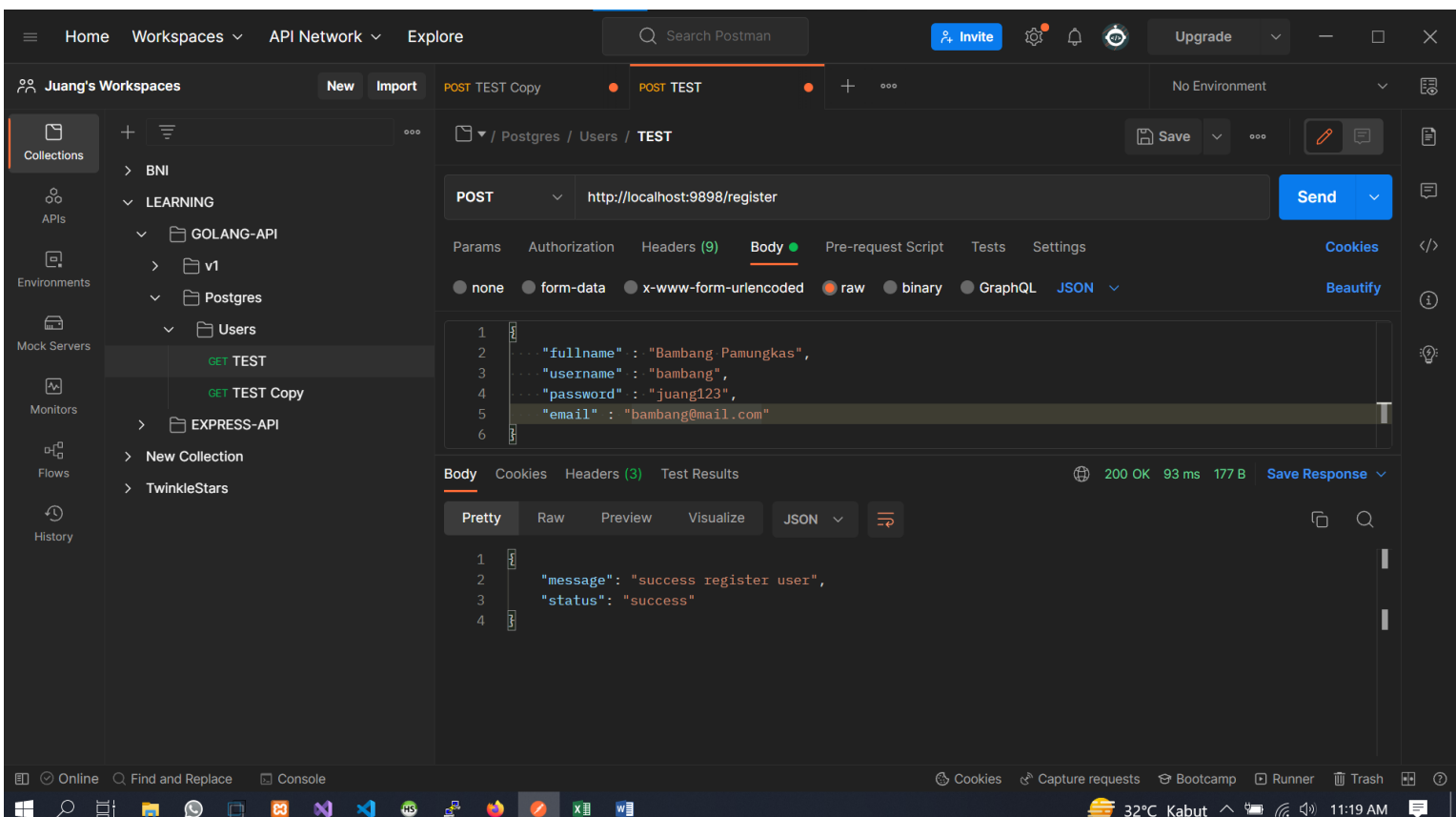


UNAUTHORIZED ACCESS (HARUS LOGIN)



REGISTER USER



LOGIN USER WITH JWT

The screenshot shows the Postman interface with a workspace named "Juang's Workspaces". The left sidebar shows a collection named "LEARNING" with a sub-collection "GOLANG-API" containing a "Users" folder. The "Users" folder contains a "TEST" collection. The "TEST" collection is selected, and the "POST" method is chosen. The URL is "http://localhost:9898/login". The "Body" tab is selected, and the request body is a JSON object:

```
{  "username": "bambang",  "password": "juang123"}
```

. The "Send" button is clicked, and the response is displayed in the "Body" tab. The response is a JSON object:

```
{  "message": "Berhasil login!",  "status": "success",  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJhdXRob3RpbmVkaWp0cnV1LGlleHAiOiJlE2ODg1MzQ0MTMsInVzZXJfaWQ0jEwFQ.eyJyGfbyoE8VRXTvSakIpsD2WzU03DVAf8FfUMZWSg"}
```

. The status is "200 OK" and the response time is "198 ms".

GET ALL

The screenshot shows the Postman interface with a workspace named "Juang's Workspaces". The left sidebar shows a collection named "LEARNING" with a sub-collection "GOLANG-API" containing a "Users" folder. The "Users" folder contains a "TEST" collection. The "TEST" collection is selected, and the "GET" method is chosen. The URL is "http://localhost:9898/api/v1/products". The "Send" button is clicked, and the response is displayed in the "Body" tab. The response is a JSON object:

```
{  "count": 3,  "data": [    {      "DeletedAt": null,      "ID": 1,      "product_name": "Harddisk",      "description": "Lorem ipsum dolor",      "price": 350000,      "CreatedAt": "2023-07-04T07:53:33.125949+07:00",      "UpdatedAt": "2023-07-04T13:17:59.355455+07:00"    },    {      "DeletedAt": null,      "ID": 2,      "product_name": "Monitor"    }  ]}
```

. The status is "200 OK" and the response time is "12 ms".

GET BY ID

The screenshot shows the Postman application interface. On the left, the 'Collections' sidebar is expanded, showing a hierarchy: 'Juang's Workspaces' > 'LEARNING' > 'GOLANG-API' > 'v1' > 'Postgres' > 'Users' > 'GET TEST'. The main panel displays a GET request to 'http://localhost:9898/api/v1/product/1'. The 'Body' tab is selected, showing a JSON response:

```
1 {
2   "data": {
3     "DeletedAt": null,
4     "ID": 1,
5     "product_name": "Harddisk",
6     "description": "Lorem ipsum dolor",
7     "price": 350000,
8     "CreatedAt": "2023-07-04T07:53:33.125949+07:00",
9     "UpdatedAt": "2023-07-04T13:17:59.355455+07:00"
10  },
11   "status": "success"
12 }
```

The status bar at the bottom indicates a 200 OK response with 29 ms latency and 346 B of data.

CREATE DATA

The screenshot shows the Postman application interface. On the left, the 'Collections' sidebar is expanded, showing a hierarchy: 'Juang's Workspaces' > 'LEARNING' > 'GOLANG-API' > 'v1' > 'Postgres' > 'Users' > 'GET TEST'. The main panel displays a POST request to 'http://localhost:9898/api/v1/product'. The 'Body' tab is selected, showing a JSON request:

```
1 {
2   "product_name": "Mouse",
3   "description": "Lorem ipsum dolor",
4   "price": 145000
5 }
```

The status bar at the bottom indicates a 200 OK response with 48 ms latency and 180 B of data. The response body is shown in the 'Body' tab:

```
1 {
2   "message": "Product has been created",
3   "status": "success"
4 }
```

UPDATE DATA

The screenshot shows the Postman application interface. On the left sidebar, under 'Juang's Workspaces', the 'LEARNING' collection is expanded, showing 'GOLANG-API' > 'v1' > 'Postgres' > 'Users'. A 'GET TEST' is selected. The main panel shows a 'PUT TEST' with the URL 'http://localhost:9898/api/v1/product/1'. The 'Body' tab is active, showing a JSON payload:

```
{  "product_name": "Hardisk External",  "description": "Lorem ipsum dolor 123",  "price": 111000}
```

. The response tab shows a 200 OK status with a message:

```
{  "message": "Data berhasil diperbarui",  "status": "success"}
```

. The bottom status bar shows the system time as 3:43 PM.

DELETE DATA

The screenshot shows the Postman application interface. On the left sidebar, under 'Juang's Workspaces', the 'LEARNING' collection is expanded, showing 'GOLANG-API' > 'v1' > 'Postgres' > 'Users'. A 'GET TEST Copy' is selected. The main panel shows a 'DEL TEST' with the URL 'http://localhost:9898/api/v1/product/25'. The 'Body' tab is active, showing a message: 'This request does not have a body'. The response tab shows a 200 OK status with a message:

```
{  "message": "Data berhasil dihapus",  "status": "success"}
```

. The bottom status bar shows the system time as 11:26 AM.

LOG MODIFY DATA

The screenshot shows the Postman interface with a workspace named "Juang's Workspaces". The left sidebar displays a collection tree under "LEARNING" > "GOLANG-API" > "v1" > "Postgres" > "Users". The selected endpoint is "GET TEST". The request is a GET method to "http://localhost:9898/api/v1/product/25". The response status is "200 OK" with a response time of "47 ms" and a size of "848 B". The response body is a JSON array of two product objects:

```
1 [
2   {
3     "UpdatedAt": "0001-01-01T00:00:00Z",
4     "DeletedAt": null,
5     "ID": 29,
6     "username": "juangs",
7     "information": "create product",
8     "CreatedAt": "2023-07-05T09:33:13.696542+07:00"
9   },
10  {
11    "UpdatedAt": "0001-01-01T00:00:00Z",
12    "DeletedAt": null,
13    "ID": 30,
14    "username": "juangs",
15    "information": "update product",
16    "CreatedAt": "2023-07-05T09:36:01.262566+07:00"
17  }
18 ]
```

LOGOUT

The screenshot shows the Postman interface with the same workspace. The selected endpoint is "GET TEST" with the URL "http://localhost:9898/logout". The response status is "200 OK" with a response time of "42 ms" and a size of "229 B". The response body is a JSON object:

```
1 {
2   "message": "Berhasil logout!",
3   "status": "success"
4 }
```

STRUCTURE DATABASE

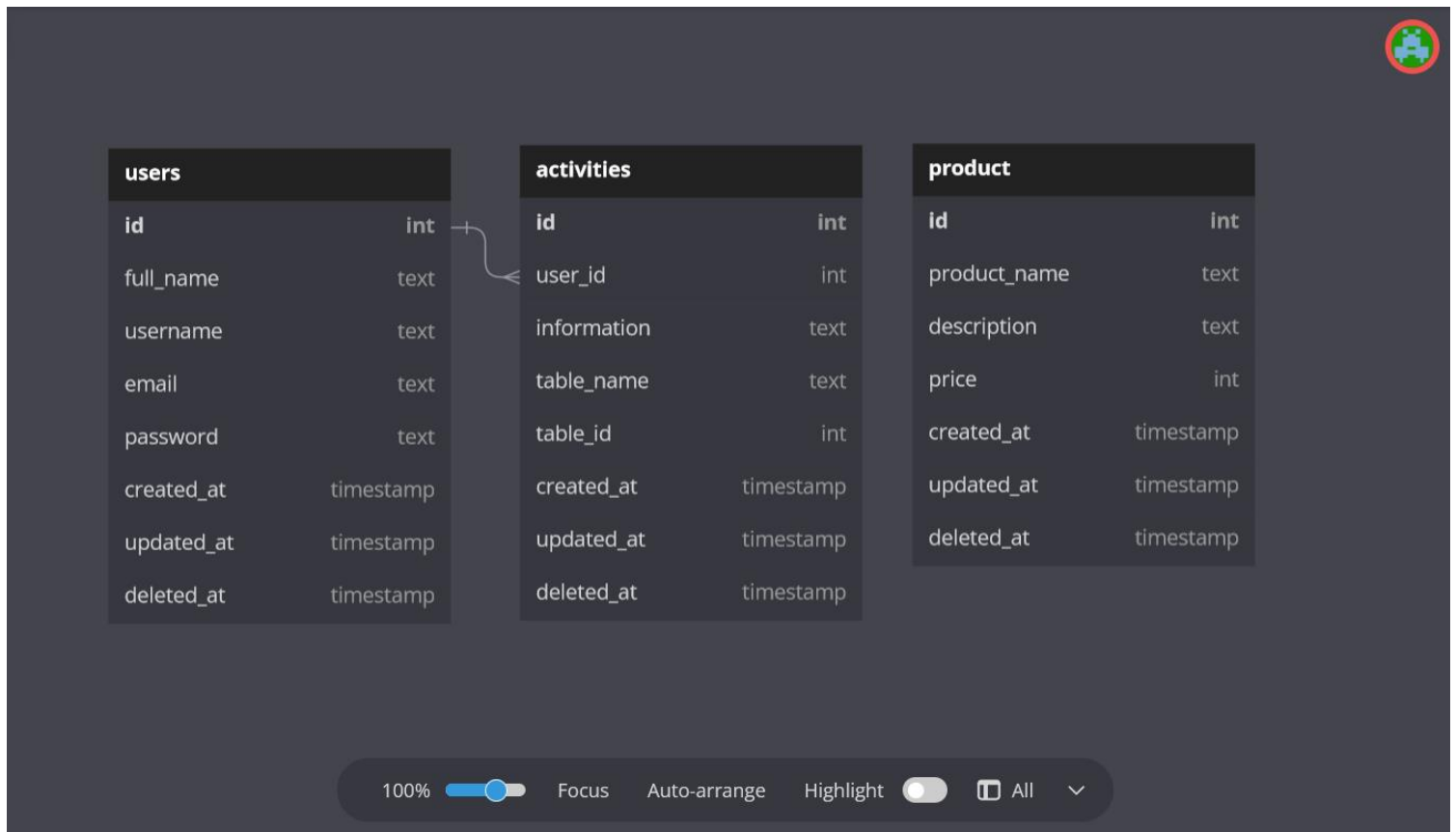


Table Products

PostgreSQL Local(public/products) - HeidiSQL 11.3.0.6295

File Edit Search Query Tools Go to Help

Database filter Table filter

Host: 127.0.0.1 Database: public Table: products

public.products: 9 rows total

id	create...	updated_at	deleted_at	product_name	description	price
2	2023-...	2023-07-04 ...	(NULL)	Monitor	Lorem ipsum dolor	150,000
3	2023-...	2023-07-04 ...	(NULL)	Speaker	Lorem ipsum dolor	150,000
4	2023-...	2023-07-04 ...	(NULL)	Mouse	Lorem ipsum dolor	145,000
1	2023-...	2023-07-04 ...	(NULL)	Hardisk External	Lorem ipsum dolor 123	111,000
18	2023-...	2023-07-04 ...	(NULL)	Mousepad	Lorem ipsum dolor	15,000
20	2023-...	2023-07-04 ...	(NULL)	Camera DSLR	Lorem ipsum dolor	3,500,000
21	2023-...	2023-07-04 ...	(NULL)	Camera DSLR	Lorem ipsum dolor	3,500,000
22	2023-...	2023-07-04 ...	2023-07-04 21:...	Camera	Lorem ipsum dolor	3,200,000
25	2023-...	2023-07-05 ...	(NULL)	Scients Book v2	Lorem ipsum dolorss	270,000

166 SELECT * FROM "public"."activities" ORDER BY "id" ASC LIMIT 1000;
167 SELECT * FROM "public"."products" LIMIT 1000;
168 SELECT * FROM "public"."users" LIMIT 1000;
169 SELECT * FROM "public"."users" LIMIT 1000;
170 SELECT * FROM "public"."products" LIMIT 1000;

r9: c1 Connected: 02:50 h PostgreSQL 15.3.0 Uptime: 02:55 h Server time: 2:50 AM Idle.

32°C Kabut 11:34 AM

Table Users

PostgreSQL Local(public/users) - HeidiSQL 11.3.0.6295

File Edit Search Query Tools Go to Help

Database filter Table filter Host: 127.0.0.1 Database: public Table: users Data Query

public.users: 3 rows total

id	created_at	updated_at	deleted_at	full_name	username	password	email
6	2023-07-04 ...	2023-07-04 1...	(NULL)	Al Nadiev	nadiev	\$2a\$10\$FU7c2jKH/...	nadiev@mail.com
7	2023-07-04 ...	2023-07-04 1...	(NULL)	Juang Sabit	juangs	\$2a\$10\$Hb06112j...	juangs@mail.com
10	2023-07-05 ...	2023-07-05 1...	(NULL)	Bambang Pamungkas	bambang	\$2a\$10\$NBhQa7x...	bambang@mail.com

171 SELECT * FROM "public"."users" LIMIT 1000;
172 DELETE FROM "public"."users" WHERE "id"=9;
173 SELECT * FROM "public"."products" LIMIT 1000;
174 SELECT * FROM "public"."activities" ORDER BY "id" ASC LIMIT 1000;
175 SELECT * FROM "public"."users" LIMIT 1000;

r3: c1 Connected: 02:51 h PostgreSQL 15.3.0 Uptime: 02:56 h Server time: 2:51 AM Idle.

Tabel Activities

PostgreSQL Local(public/activities) - HeidiSQL 11.3.0.6295

File Edit Search Query Tools Go to Help

Database filter Table filter Host: 127.0.0.1 Database: public Table: activities Data Query

public.activities: 12 rows total

id	created_at	updated_at	deleted_at	user_id	information	table_name	table_id
3	2023-07-04 15:...	2023-07-04 15:42:...	(NULL)	6	Create product	product	5
19	2023-07-04 20:...	2023-07-04 20:56:...	(NULL)	6	create product	product	18
20	2023-07-04 21:...	2023-07-04 21:44:...	(NULL)	6	create product	product	19
22	2023-07-04 21:...	2023-07-04 21:52:...	(NULL)	6	create product	product	20
23	2023-07-04 21:...	2023-07-04 21:54:...	(NULL)	6	create product	product	21
24	2023-07-04 21:...	2023-07-04 21:57:...	(NULL)	6	create product	product	22
25	2023-07-04 21:...	2023-07-04 21:58:...	(NULL)	7	update product	product	22
26	2023-07-04 21:...	2023-07-04 21:59:...	(NULL)	7	deleted product	product	22
29	2023-07-05 09:...	2023-07-05 09:33:...	(NULL)	7	create product	product	25
30	2023-07-05 09:...	2023-07-05 09:36:...	(NULL)	7	update product	product	25
31	2023-07-05 09:...	2023-07-05 09:38:...	(NULL)	7	update product	product	25
32	2023-07-05 11:...	2023-07-05 11:25:...	(NULL)	10	deleted product	product	25

172 DELETE FROM "public"."users" WHERE "id"=9;
173 SELECT * FROM "public"."products" LIMIT 1000;
174 SELECT * FROM "public"."activities" ORDER BY "id" ASC LIMIT 1000;
175 SELECT * FROM "public"."users" LIMIT 1000;
176 SELECT * FROM "public"."activities" ORDER BY "id" ASC LIMIT 1000;

r6: c5 Connected: 02:52 h PostgreSQL 15.3.0 Uptime: 02:57 h Server time: 2:52 AM Idle.