

Team: NDY corp.

Midterm 1 Report

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- 1) registration (data of users are to be sent to database)
- 2) Authorisation (data is checked from database)
- 3) Searching items based on name (a specific query to database based on the name written)

Link to the video~ <https://www.youtube.com/watch?v=TV2frDKTVxg>

SQL created a server with user and **URL postgres**, so here in our case we connected it over port 3000 hostname and in our project hostname, password and username are identical to this also port 5032.

Show you our database so here we have our users and products.

Also we have about 15 or 14 products here, for example java programming data analysis this would be python description also introduction to iOS programming and this was teaching Swift.

	users	products	pg_stat_statements		
	created_at	updated_at	deleted_at	title	description
2023-03-18 08:22:31.457018+00	2023-03-18 08:22:31.457018+00	NULL	EMPTY	EMPTY	
2023-03-18 08:36:48.448443+00	2023-03-18 08:36:48.448443+00	NULL	title_test	test desc	
2023-03-18 18:10:42.552453+00	2023-03-18 18:10:42.552453+00	NULL	Java	Java program...	
2023-03-18 18:11:23.518224+00	2023-03-18 18:11:23.518224+00	NULL	Python	Python pro...	
2023-03-18 18:11:36.859225+00	2023-03-18 18:11:36.859225+00	NULL	UI/UX	Figma	
2023-03-18 18:11:50.806104+00	2023-03-18 18:11:50.806104+00	NULL	Data A...	Python	
2023-03-18 18:12:05.718169+00	2023-03-18 18:12:05.718169+00	NULL	Design...	Fusion 360	
2023-03-18 18:12:31.448737+00	2023-03-18 18:12:31.448737+00	NULL	Graphic...	InDesign, P...	
2023-03-18 18:12:43.441857+00	2023-03-18 18:12:43.441857+00	NULL	3D mod...	Maya	
2023-03-18 18:14:17.669816+00	2023-03-18 18:14:17.669816+00	NULL	Introduct...	Swift	
2023-03-18 18:18:35.892617+00	2023-03-18 18:18:35.892617+00	NULL	Web pr...	HTML, CSS...	

The screenshot shows the Postman interface with a collection named "Golang". A POST request to "http://localhost:3000/signup" is selected. The "Body" tab is open, showing raw JSON input:

```

1 {
2   ... "email": "admin@admin.com",
3   ... "password": "12345678"
4 }

```

The status bar at the bottom indicates "Sending request...".

Registration user

If we try to register again(**registered user**) and send this request, it will give us an error "**Failed to create a user**". Why? Because this user is already registered.

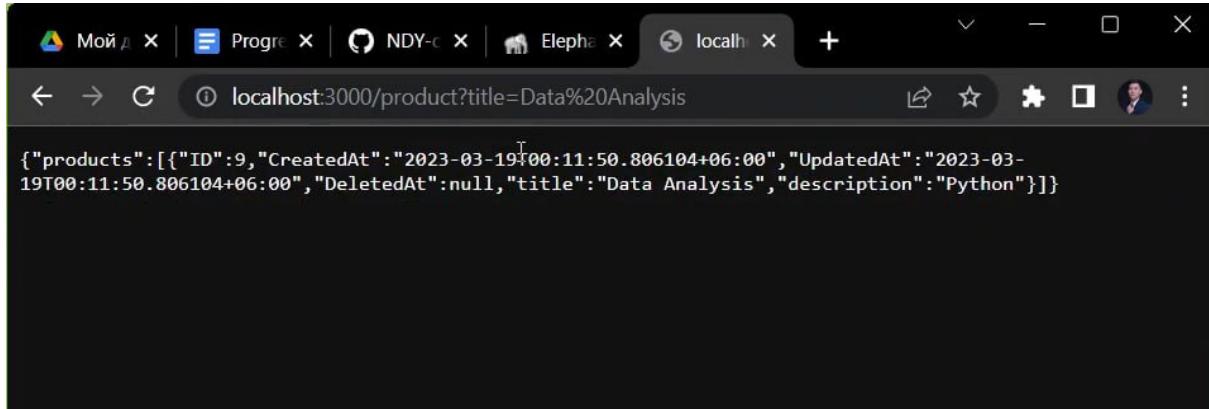
Here we show all our products or courses on localhost 3000.
We have marked several of them with red rectangles.

```

"products": [{"ID":1,"CreatedAt":"2023-03-18T14:22:31.457018+06:00","UpdatedAt":"2023-03-18T14:22:31.457018+06:00","DeletedAt":null,"title":"","description":""}, {"ID":5,"CreatedAt":"2023-03-18T14:36:48.448443+06:00","UpdatedAt":"2023-03-18T14:36:48.448443+06:00","DeletedAt":null,"title":"title_test","description":"test desc"}, {"ID":6,"CreatedAt":"2023-03-19T00:10:42.552453+06:00","UpdatedAt":"2023-03-19T00:10:42.552453+06:00","DeletedAt":null,"title":"Java","description":"Java programming language"}, {"ID":7,"CreatedAt":"2023-03-19T00:11:22.518224+06:00","UpdatedAt":"2023-03-19T00:11:22.518224+06:00","DeletedAt":null,"title":"Python","description":"Python programming language"}, {"ID":8,"CreatedAt":"2023-03-19T00:11:36.859225+06:00","UpdatedAt":"2023-03-19T00:11:36.859225+06:00","DeletedAt":null,"title":"UI/UX","description":"Figma"}, {"ID":9,"CreatedAt":"2023-03-19T00:11:50.806104+06:00","UpdatedAt":"2023-03-19T00:11:50.806104+06:00","DeletedAt":null,"title":"Data Analysis","description":"Python"}, {"ID":10,"CreatedAt":"2023-03-19T00:12:05.718169+06:00","UpdatedAt":"2023-03-19T00:12:05.718169+06:00","DeletedAt":null,"title":"Design for Manufacture","description":"Fusion 360"}, {"ID":11,"CreatedAt":"2023-03-19T00:12:31.448737+06:00","UpdatedAt":"2023-03-19T00:12:31.448737+06:00","DeletedAt":null,"title":"Graphic Design","description":"InDesign, Photoshop, Illustrator"}, {"ID":12,"CreatedAt":"2023-03-19T00:12:43.441857+06:00","UpdatedAt":null,"title":"3D modeling","description":"Maya"}, {"ID":13,"CreatedAt":"2023-03-19T00:14:17.669816+06:00","UpdatedAt":null,"title":"Introduction to IOS Programming","description":"Swift"}, {"ID":14,"CreatedAt":"2023-03-19T00:18:35.892617+06:00","UpdatedAt":2023-03-19T00:18:35.892617+06:00,"DeletedAt":null,"title":"Web programming","description":"front end","description":"HTML, CSS, Javascript"}, {"ID":16,"CreatedAt":"2023-03-19T01:14:53.027631+06:00","UpdatedAt":2023-03-19T01:14:53.027631+06:00,"DeletedAt":null,"title":"Mobile Programming","description":"Kotlin"}]

```

Here we show how search is working in this localhost.



A screenshot of a browser window titled "localhost:3000/product?title=Data%20Analysis". The address bar shows the URL. The main content area displays a JSON object:

```
{"products": [{"ID": 9, "CreatedAt": "2023-03-19T00:11:50.806104+06:00", "UpdatedAt": "2023-03-19T00:11:50.806104+06:00", "DeletedAt": null, "title": "Data Analysis", "description": "Python"}]}
```

INF 368

The Go programming language

Teacher: Azamat Serek

Project type: Midterm 1