Job evaluation:

Download and install PostgreSQL – 1 hours.

create DB on PostgreSQL and init - 15 min.

Open VsCode and up service that connects to the DB that we opened in the previous section (Server side) – 2.5 hours

- implement middleware **(API)**
    1) POST
    2) GRT
    3) DELETE
    4) PUT
- Need to check through postman agent if all the middleware we made works.

STACK REVIEW – 45 min

Comment

psql -U postgres – open shell Postgres.

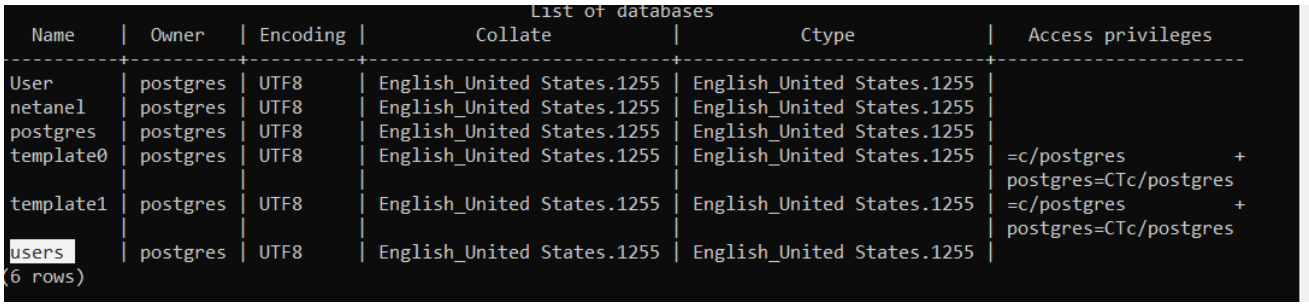
\L – All Databases in computer.

\C [database] – connect to DB.

- **Create new database:**

```
CREATE DATABASE users;
```

- **By \l commend we can see the new database call "users"**

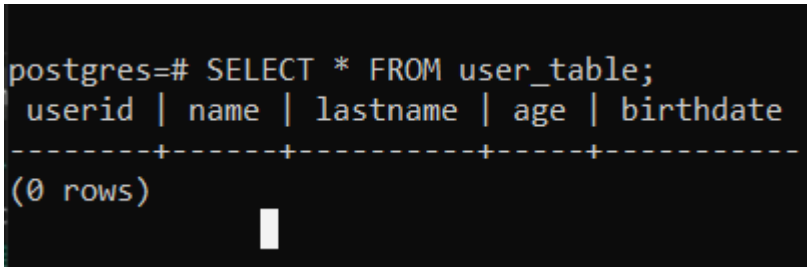


```
                                    List of databases
   Name    |  Owner   | Encoding |          Collate           |           Ctype            |   Access privileges
-----------+----------+----------+----------------------------+----------------------------+-----------------------
User       | postgres | UTF8     | English_United States.1255 | English_United States.1255 |
netanel    | postgres | UTF8     | English_United States.1255 | English_United States.1255 |
postgres   | postgres | UTF8     | English_United States.1255 | English_United States.1255 |
template0  | postgres | UTF8     | English_United States.1255 | English_United States.1255 | =c/postgres          +
           |          |          |                            |                            | postgres=CTc/postgres
template1  | postgres | UTF8     | English_United States.1255 | English_United States.1255 | =c/postgres          +
           |          |          |                            |                            | postgres=CTc/postgres
users      | postgres | UTF8     | English_United States.1255 | English_United States.1255 |
(6 rows)
```

- **now I connect to "users" database with \c users commend.**

- **By commend "\dt" can see all relation.**

- **You can see in a screenshot our table we created.**



```
postgres=# SELECT * FROM user_table;
 userid | name | lastname | age | birthdate
--------+------+----------+-----+-----------
(0 rows)
```

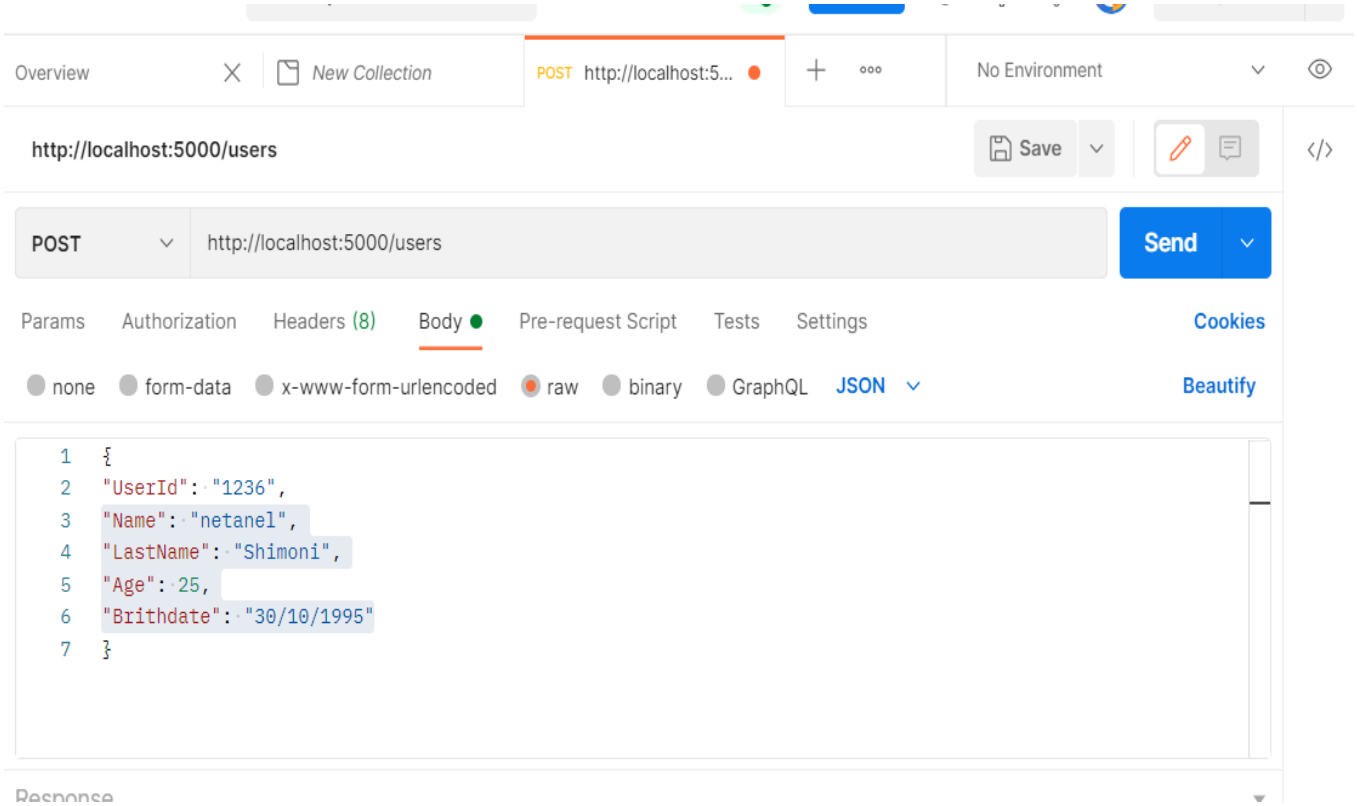
- **We know that server connect to port 5000- http://localhost:5000/users website.**

ROUTES

We created ROUTES (POST, GET, PUT AND DELETE)

with the help of postman agent software, we created tests that test the implementation of the ROUTES.

EXAMPLE:


Overview
New Collection
POST http://localhost:5...
No Environment
http://localhost:5000/users
Save
POST
http://localhost:5000/users
Send
Params
Authorization
Headers (8)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
{
"UserId": "1236",
"Name": "netanel",
"LastName": "Shimoni",
"Age": 25,
"Brithdate": "30/10/1995"
}
Response