CSI2532 - Lab9 - Jetons d'API

Exercice 1: Configurer PHPAPP

```
git clone @github.com:professor-forward/phpapp.git
```

Exercice 2: Créer un client

```sql
CREATE TABLE clients(name varchar(100) PRIMARY KEY,
                     token varchar(500) DEFAULT md5(random()::text),
                     data jsonb);

INSERT INTO clients(name,token)
VALUES('Big Co.','d7d85f7eac7360d725b44d327445473e' ),
('Small Co.','9f8983a8494c8a003e064374ffb77cb6');
```

Exercice 3

```
C:\Users\Soma\Desktop\CSI2532\phpapp\public>curl -i -H "X-Men: Wolverine" http://localhost:4000/api.php
HTTP/1.1 200 OK
Host: localhost:4000
Date: Mon, 29 Mar 2021 19:17:25 GMT
Connection: close
X-Powered-By: PHP/8.0.2
Content-Type: application/json

{"mutant":"Wolverine","name":"Logan"}
```

```
C:\Users\Soma\Desktop\CSI2532\phpapp\public>curl -i -H "X-Men: Wolfie" http://localhost:4000/api.php
HTTP/1.1 200 OK
Host: localhost:4000
Date: Mon, 29 Mar 2021 19:18:45 GMT
Connection: close
X-Powered-By: PHP/8.0.2
Content-Type: application/json

{"mutant":"Wolfie","name":"Unknown"}
```

```
C:\Users\Soma\Desktop\CSI2532\phpapp\public>curl -i -H "X-People: Wolverine" http://localhost:4000/api.php
HTTP/1.1 400 Bad Request
Host: localhost:4000
Date: Mon, 29 Mar 2021 19:16:26 GMT
Connection: close
X-Powered-By: PHP/8.0.2
Content-Type: application/json

{"error":"Please provide an X-Men mutant and reveal their human name"}
{"headers":{"Host":"localhost:4000","User-Agent":"curl\/7.55.1","Accept":"*\/*","X-People":"Wolverine"}}
```

Exercice 4:

```
C:\Users\Soma\Desktop\CSI2532\phpapp\public>curl -i -H "Authentication:Bearer professorcharlesxavier" -H "X-Men:Wolverine" http://localhost:4000/api.php
HTTP/1.1 200 OK
Host: localhost:4000
Date: Mon, 29 Mar 2021 19:22:28 GMT
Connection: close
X-Powered-By: PHP/8.0.2
Content-Type: application/json

{"token":"professorcharlesxavier","type":"Bearer"}
{"mutant":"Wolverine","name":"Logan"}
```

```
C:\Users\Soma\Desktop\CSI2532\phpapp\public>curl -i -H "Authentication:Bearer patrickstewart" -H "X-Men:Wolverine" http://localhost:4000/api.php
HTTP/1.1 401 Unauthorized
Host: localhost:4000
Date: Mon, 29 Mar 2021 19:23:50 GMT
Connection: close
X-Powered-By: PHP/8.0.2
Content-Type: application/json

{"error":"Invalid Token"}
{"token":"patrickstewart","type":"Bearer"}
```

Exercice 5

```
C:\Users\Soma\Desktop\CSI2532\phpapp\public>curl -i -H "Authentication:Bearer d7d85f7eac7360d725b44d327445473e" -H "X-Men:Wolverine" http://localhost:4000/api.php
HTTP/1.1 200 OK
Host: localhost:4000
Date: Mon, 29 Mar 2021 19:24:46 GMT
Connection: close
X-Powered-By: PHP/8.0.2
Content-Type: application/json

{"token":"d7d85f7eac7360d725b44d327445473e","type":"Bearer"}
{"mutant":"Wolverine","name":"Logan"}
```

```
C:\Users\Soma\Desktop\CSI2532\phpapp\public>curl -i -H "Authentication:Bearer 9f8983a8494c8a003e064374ffb77cb6" -H "X-Men:Wolverine" http://localhost:4000/api.php
HTTP/1.1 200 OK
Host: localhost:4000
Date: Mon, 29 Mar 2021 19:26:06 GMT
Connection: close
X-Powered-By: PHP/8.0.2
Content-Type: application/json

{"token":"9f8983a8494c8a003e064374ffb77cb6","type":"Bearer"}
{"mutant":"Wolverine","name":"Logan"}
```

```
C:\Users\Soma\Desktop\CSI2532\phpapp\public>curl -i -H "Authentication:Bearer d5d55d5ddd5d5d5d5d55d" -H "X-Men:Wolverine" http://localhost:4000/api.php
HTTP/1.1 401 Unauthorized
Host: localhost:4000
Date: Mon, 29 Mar 2021 19:27:07 GMT
Connection: close
X-Powered-By: PHP/8.0.2
Content-Type: application/json

{"error":"Invalid Token"}
{"token":"d5d55d5ddd5d5d5d5d55d","type":"Bearer"}
```