

18. Opintorekisteri

Tästä tuli hieman vajaampi crud-operaatioiden suhteen. Get, post ja autentikointi löytyvät, mutta ihan kaikkia en saanut onnistumaan valitettavasti. No oppihan se on tärkeintä ja moodlessa oli ”Tee ainakin osa”. Havainnekuvat alhaalla ↓... 😊

```
mysql> select * from opiskelija;
```

idOpiskelija	Etunimi	Sukunimi	Osoite	Opiskelijanumero
1	Tryhard	Exe	Talatie	Opiskelija1
12	Hessu	Horo	Talatie	2
13	Aku	Ankka	Ankkallinna	3

```
3 rows in set (0.00 sec)
```



```
mysql> select * from arviointi;
```

idArviointi	Päivämäärä	Arvosana	idOpintojakso	idOpiskelija
20	1999-12-12	5	7	13
22	2003-12-12	5	7	1

```
2 rows in set (0.00 sec)
```



```
mysql> select * from opintojakso;
```

idOpintojakso	Nimi	Koodi	Laajuus
1	Internet-ohjelmointi	KK	Iso
6	Matematiikka	KK2	Iso
7	Englanti	KK3	Pieni
12	Fyke	7	Liian laaja

```
4 rows in set (0.00 sec)
```

```
mysql>
```

Postman interface showing a GET request to `{{base_url}}/opiskelija`. The request is configured with the following parameters:

KEY	VALUE	DESCRIPTION
<input type="checkbox"/> id_user	NULL	
<input type="checkbox"/> username	Root	
<input type="checkbox"/> password	admin	
<input type="checkbox"/> streetAddress	Paratistie 20	
<input type="checkbox"/> Key	Value	Description

The response body is shown in JSON format:

```
5 {
6   "Sukunimi": "Exe",
7   "Osoite": "Talatie",
8   "Opiskelijanumero": "Opiskelija1"
9 }
10 {
11   "idOpiskelija": 12,
12   "Etunimi": "Hessu",
13   "Sukunimi": "Hozo",
14   "Osoite": "Talatie",
15   "Opiskelijanumero": "2"
16 }
```

Status: 200 OK Time: 13 ms Size: 1.28 KB

Postman interface showing a GET request to `{{base_url}}/arviointi`. The request is configured with the following parameters:

KEY	VALUE	DESCRIPTION
<input type="checkbox"/> id_user	NULL	
<input type="checkbox"/> username	Root	
<input type="checkbox"/> password	admin	
<input type="checkbox"/> streetAddress	Paratistie 20	
<input type="checkbox"/> Key	Value	Description

The response body is shown in JSON format:

```
1 {
2   "idArviointi": 18,
3   "Päivämäärä": "1999-12-11T22:00:00.008Z",
4   "Arvosana": 5,
5   "idOpintojakso": 1,
6   "idOpiskelija": 1
7 }
8 {
9   "idArviointi": 19,
10  "Päivämäärä": "1999-12-11T22:00:00.008Z",
11 }
```

Status: 200 OK Time: 6 ms Size: 1.31 KB

Postman interface showing a GET request to `{{base_url}}/opintojakso`. The request is configured with the following headers:

KEY	VALUE	DESCRIPTION
<input type="checkbox"/> id_user	NULL	
<input type="checkbox"/> username	Root	
<input type="checkbox"/> password	admin	
<input type="checkbox"/> streetAddress	Paratiisitie 20	
Key	Value	Description

The response body is shown in JSON format:

```
1 {
2   "idArviointi": 18,
3   "Päivämäärä": "1999-12-11T22:00:00.000Z",
4   "Arvosana": 5,
5   "idOpintojakso": 1,
6   "idOpiskelija": 1
7 }
8
9 {
10  "idArviointi": 19,
11  "Päivämäärä": "1999-12-11T22:00:00.000Z",
```

Postman interface showing a POST request to `{{base_url}}/opiskelija`. The request is configured with the following headers:

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> idOpiskelija	1	
<input checked="" type="checkbox"/> Etunimi	Tryhard	
<input checked="" type="checkbox"/> Sukunimi	Exe	
<input checked="" type="checkbox"/> Osoite	Talatie	
<input checked="" type="checkbox"/> Opiskelijanumero	Opiskelijat	

The response body is shown in JSON format:

```
1 {
2   "idOpiskelija": "1",
3   "Etunimi": "Tryhard",
4   "Sukunimi": "Exe",
5   "Osoite": "Talatie",
6   "Opiskelijanumero": "Opiskelijat"
7 }
```

Postman

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New Import

Overview local1 local1 POST POST_users POST ((base_url))/arviointi

Save

local1

Arviointi

POST ((base_url))/arviointi

Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE	DESCRIPTION	Bulk Edit
<input checked="" type="checkbox"/> idArviointi	22		
<input checked="" type="checkbox"/> Päivämäärä	2003-12-12		
<input checked="" type="checkbox"/> Arvosana	5		
<input checked="" type="checkbox"/> idOpintojakso	7		
<input checked="" type="checkbox"/> idOpiskelija	1		

Body Cookies Headers (21) Test Results

Status: 200 OK Time: 11 ms Size: 108 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "idArviointi": "22",
3   "Päivämäärä": "2003-12-12",
4   "Arvosana": "5",
5   "idOpintojakso": "7",
6   "idOpiskelija": "1"
7 }
```

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Scratch Pad

New Import

Overview local1 local1 POST POST_users POST ((base_url))/opintojakso

Save

local1

Opintojakso

POST ((base_url))/opintojakso

Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE	DESCRIPTION	Bulk Edit
<input checked="" type="checkbox"/> idOpintojakso	12		
<input checked="" type="checkbox"/> Nimi	Fyke		
<input checked="" type="checkbox"/> Koodi	7		
<input checked="" type="checkbox"/> Laajuus	Lilian laaja		

Body Cookies Headers (21) Test Results

Status: 200 OK Time: 12 ms Size: 104 KB Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "idOpintojakso": "12",
3   "Nimi": "Fyke",
4   "Koodi": "7",
5   "Laajuus": "Lilian laaja"
6 }
```

Find and Replace Console

Runner Trash

Postman interface showing a DELETE request to `{{base_url}}/arviointi/18`. The request is configured with the following parameters:

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> idArviointi	18	
<input checked="" type="checkbox"/> Päivämäärä	1999-12-12	
<input checked="" type="checkbox"/> Arvosana	5	
<input checked="" type="checkbox"/> idOpintojakso	1	
<input checked="" type="checkbox"/> idOpiskelija	1	

The response is shown in the Body tab, displaying a JSON object:

```
1 {
2   "fieldCount": 0,
3   "affectedRows": 0,
4   "insertId": 0,
5   "serverStatus": 2,
6   "warningCount": 0,
7   "message": "",
8   "protocol41": true,
9   "changedRows": 0
10 }
```

Status: 200 OK Time: 9 ms Size: 13 KB Save Response

Postman interface showing a GET request to `{{base_url}}/user`. The request is configured with the following parameters:

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> id_user	NULL	
<input checked="" type="checkbox"/> username	Root	
<input checked="" type="checkbox"/> password	admin	
<input type="checkbox"/> streetAddress	Paratiisitie 20	

The response is shown in the Body tab, displaying a JSON object:

```
1 {
2   "id_user": 1,
3   "username": "Root",
4   "password": "$2a$10$VKPt8q1Yx179vLcd1wyQ2u3qGZHYxRMfjN85Rz/PPbe018EpeQcZm"
5 }
6
7 }
```

Status: 200 OK Time: 9 ms Size: 1.08 KB Save Response

```
"code": "ER_PARSE_ERROR",
"errno": 1064,
"sqlMessage": "You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax
to use near '?' at line 1",
"sqlState": "42000",
"index": 0,
"sql": "update arviointi set idArviointi='18',Päivämäärä='1999-12-12', Arvosana='5', idOpintojakso='1',idOpiskelija='1' where
idArviointi=?"
```

Postman

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Scratch Pad

New Import

Overview local1 local1 POST POST_users DEL {{base_url}}/arviointi/19

Save

Send

DELETE {{base_url}}/arviointi/19

Params Authorization Headers (9) Body Pre-request Script Tests Settings Cookies

none form-data x-www-form-urlencoded raw binary GraphQL

KEY	VALUE	DESCRIPTION	Bulk Edit
<input checked="" type="checkbox"/> idArviointi	18		
<input checked="" type="checkbox"/> Päivämäärä	1999-12-12		
<input checked="" type="checkbox"/> Arvosana	5		
<input checked="" type="checkbox"/> idOpintojakso	6		
<input checked="" type="checkbox"/> idOpiskelija	12		

Body Cookies Headers (21) Test Results

Status: 200 OK Time: 10 ms Size: 11 KB Save Response

Pretty Raw Preview Visualize JSON

```
1
2  {
3    "fieldCount": 0,
4    "affectedRows": 1,
5    "insertId": 0,
6    "serverStatus": 2,
7    "warningCount": 0,
8    "message": "",
9    "protocol41": true,
10   "changedRows": 0
11 }
```

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