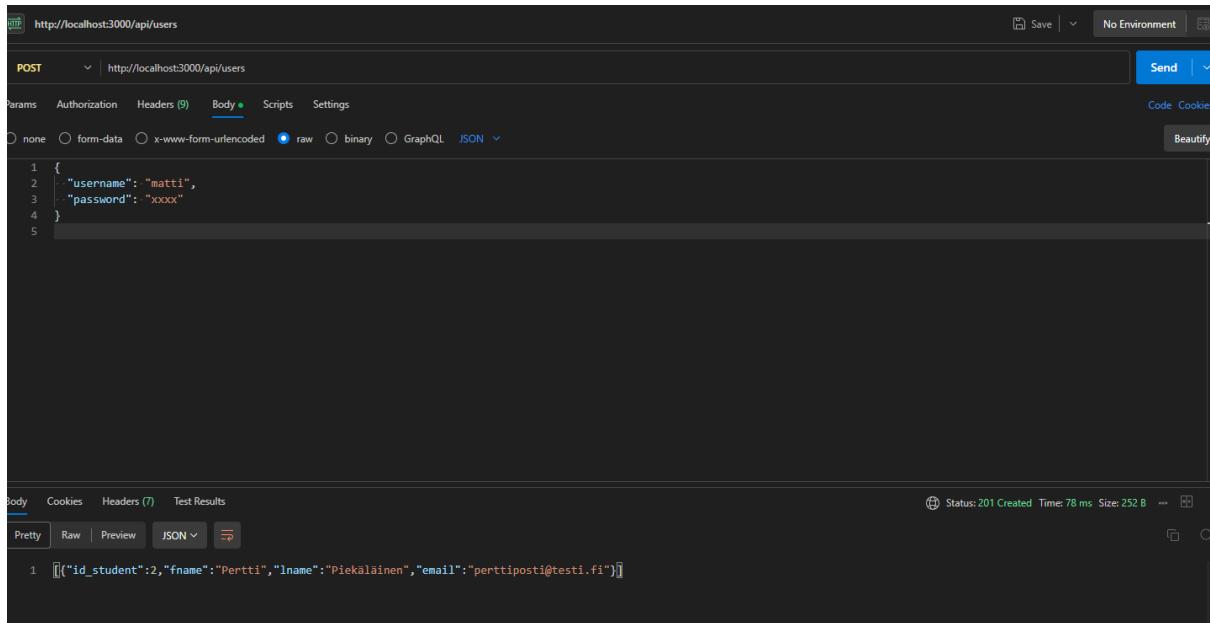


22 User-taulu ja kryptattu salasana



http://localhost:3000/api/users

POST http://localhost:3000/api/users

Params Authorization Headers (9) Body Scripts Settings

Body raw binary GraphQL JSON

```
1 {
2   "username": "matti",
3   "password": "xxxx"
4 }
```

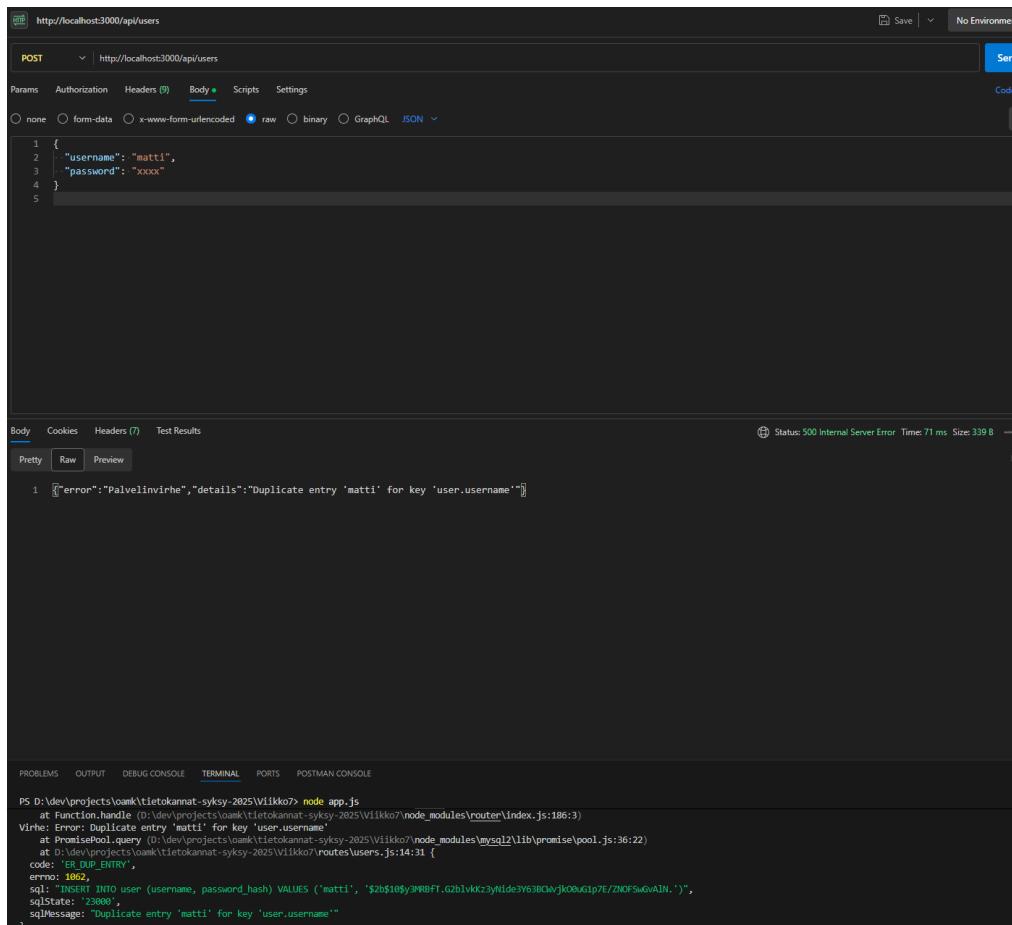
Body Cookies Headers (7) Test Results

Pretty Raw Preview JSON

```
1 [{"id_student":2,"fname":"Pertti","lname":"Piekäläinen","email":"perttiposti@testi.fi"}]
```

Status: 201 Created Time: 78 ms Size: 252 B

Duplikaattivirhe:



http://localhost:3000/api/users

POST http://localhost:3000/api/users

Params Authorization Headers (9) Body Scripts Settings

Body raw binary GraphQL JSON

```
1 {
2   "username": "matti",
3   "password": "xxxx"
4 }
```

Body Cookies Headers (7) Test Results

Pretty Raw Preview

```
1 [{"error":"Palvelinvirhe", "details":"Duplicate entry 'matti' for key 'user.username'"}]
```

Status: 500 Internal Server Error Time: 71 ms Size: 339 B

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

```
PS D:\dev\projects\oamk\tietokannat-syksy-2025\Viikko7> node app.js
at Function.handle (D:\dev\projects\oamk\tietokannat-syksy-2025\Viikko7\node_modules\router\index.js:186:3)
Virhe: Error: Duplicate entry 'matti' for key 'user.username'
at PromisePool.query (D:\dev\projects\oamk\tietokannat-syksy-2025\Viikko7\node_modules\mysql\lib\promise\pool.js:36:22)
at D:\dev\projects\oamk\tietokannat-syksy-2025\Viikko7\routes\users.js:14:31
  code: 'ER_DUP_ENTRY',
  errno: 1062,
  sql: "INSERT INTO user (username, password_hash) VALUES ('matti', '$2b$10$y3MRbfGzb1vkZ3yHde3Y38QWjk00uGip7E/ZNOf5u6vAIn.'")",
  sqlState: '23000',
  sqlMessage: "Duplicate entry 'matti' for key 'user.username'"
```

Database:

```
mysql> SELECT id_user, username, password_hash FROM user;
+-----+-----+-----+
| id_user | username | password_hash |
+-----+-----+-----+
|     1   | matti    | $2b$10$/JlqYCHMVkSU8AbSIcMZHu1LPVWbYvAq6gjqrm0Cy.u8tcyS6iub0 |
+-----+-----+-----+
1 row in set (0.00 sec)

mysql>
```