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Kelas: 5 A / Kelompok 3

Homework week 9

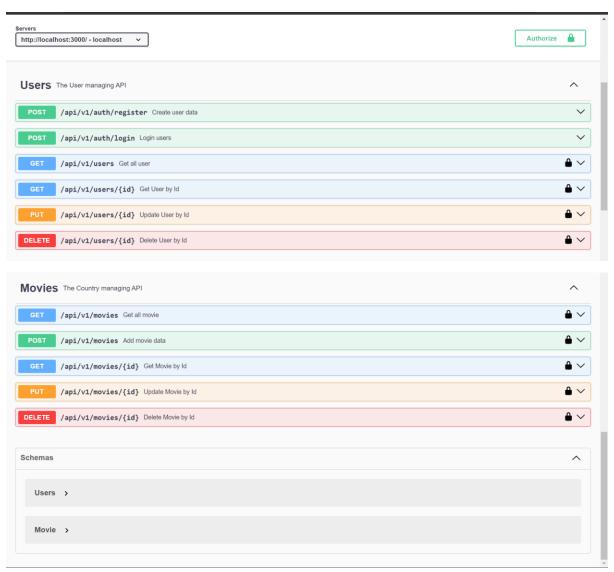
Kerjakan soal homework ini berdasarkan data SQL berikut.

Soal 1: Buatlah RESTful API yang terdiri dari GET, POST, DELETE, dan PUT. Setelah itu buatlah endpoint untuk register user dan login user untuk implementasi authorization dan authentication. Pastikan yang hanya bisa mengakses API hanyalah user yang terdaftar.

```
index.js X
(D)
                                          src > routes > 155 index.js > 😚 router.post('/auth/register') callback
                                                   const { Router } = require('express');
const moviesRoutes = require('./movies.routes');
const usersRoutes = require('./users.routes');
          ∨ 🔯 src
                                                   const authMiddleware = require('../middlewares/authentication');
const jwtUtil = require('../utils/jwt.util');
                                                   const { usersServices } = require('../services');
               index.js
movies.controll...
users.controller...
                                                   router.post('/auth/register', async (req, res) => {
    const { id, email, gender, password, role } = req.body;
                35 authentication.js
              repositories
                                                                const cekUser = await usersServices.cekUserByEmail(email);
                us index.js
                                                               if (cekUser.rows.length === 1) {
    return res.status(409).json({ error: 'User already exists' });
                index.js
                                                          } catch (error) {
    res.status(500).json({ error: 'Registration failed' });
                index.js
              utils
             > adatabase
                                                               const { email, password } = req.body;
```

Soal 2: Lakukan Pagination pada GET users dan GET movies dengan limit 10 user.

Soal 3: Buatlah dokumentasi API menggunakan swagger



Soal 4: Implementasikan Logging server pada aplikasi yang teman-teman buat

```
GET /api-docs/favicon-32x32.png 304 0.600 ms - -
[nodemon] restarting due to changes...
[nodemon] starting node index ./src/index.js'
Server is listening on port http://localhost:3000
Successfully connect to database
GET /api-docs/swagger-ui-css 304 2.499 ms - -
GET /api-docs/swagger-ui-bundle.js 304 2.469 ms - -
GET /api-docs/swagger-ui-it-js 200 0.494 ms - 15426
GET /api-docs/swagger-ui-standalone-preset.js 304 3.512 ms - -
GET /api-docs/svagger-ui-it-good 0.494 ms - 180
GET /api-docs/favicon-32x32.png 304 0.759 ms - -
POST /api/v1/auth/login 200 50.863 ms - 180
GET /api-docs/page=5&limit=4 200 46.424 ms - 499
```

Repository github:

https://github.com/Bhanurzh/RakaminFSWD/tree/main/HW9