Laporan Praktikum

Mata Kuliah Pemrograman WEB

Pertemuan 6. Tugas 1

Dosen Pengampu :

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Disusun Oleh :

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PROGRAM STUDI SISTEM INFORMASI KELAUTAN

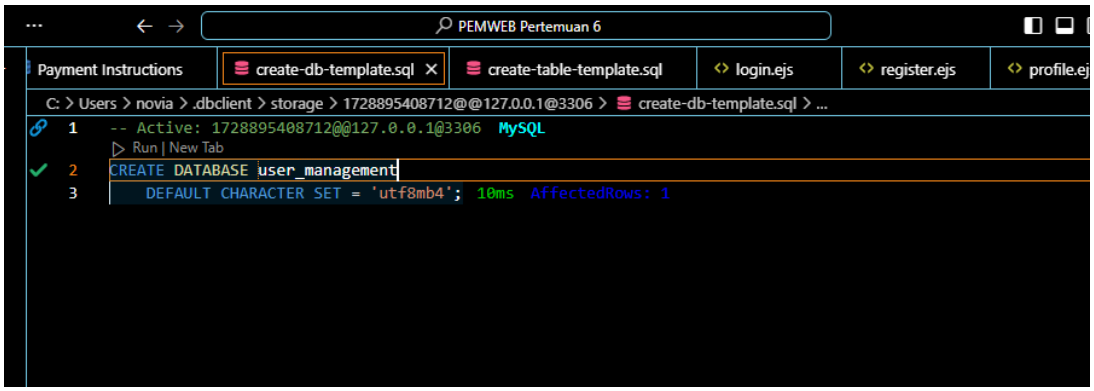
UNIVERSITAS PENDIDIKAN INDONESIA

2024

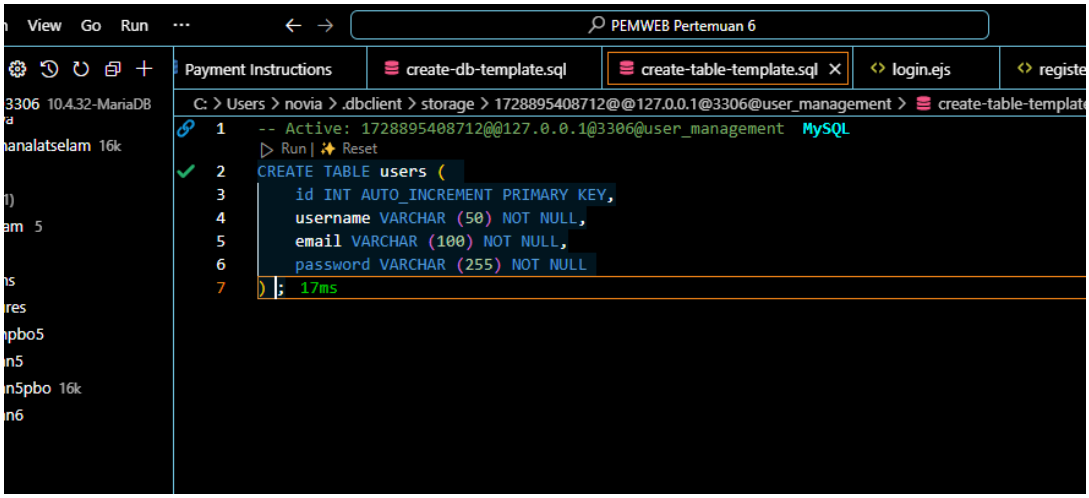
SESSION

Session adalah mekanisme yang digunakan dalam aplikasi web untuk menyimpan informasi pengguna secara sementara saat mereka berinteraksi dengan aplikasi tersebut. Dalam konteks Node js, session digunakan untuk melacak dan mengingat status pengguna di antara permintaan HTTP (request) yang berbeda.

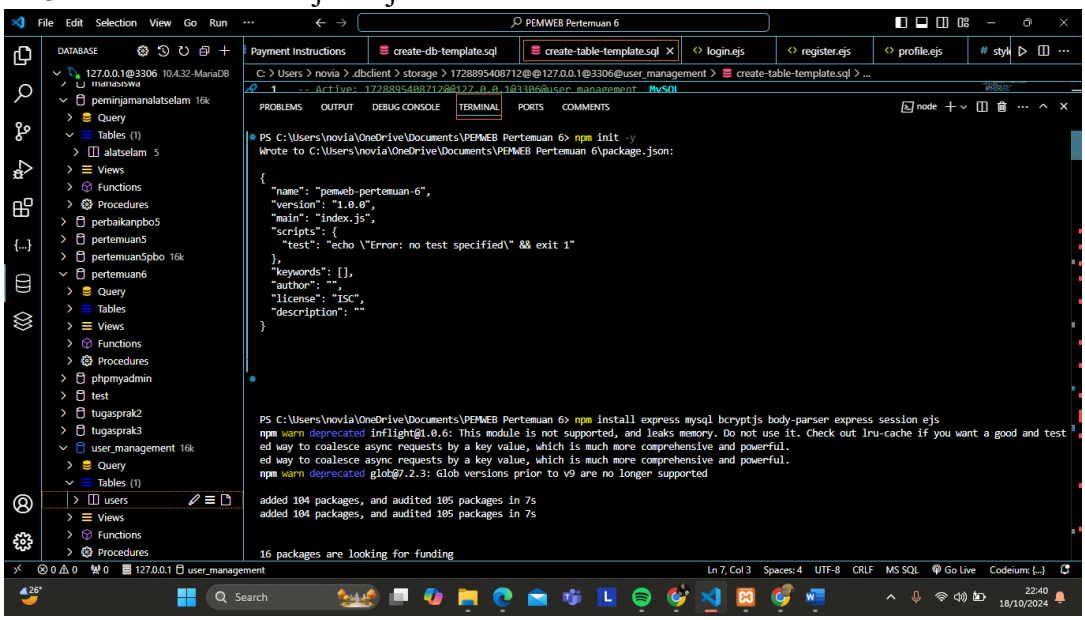
1. Membuat database dengan nama user_management



2. Membuat table users dengan struktur berikut

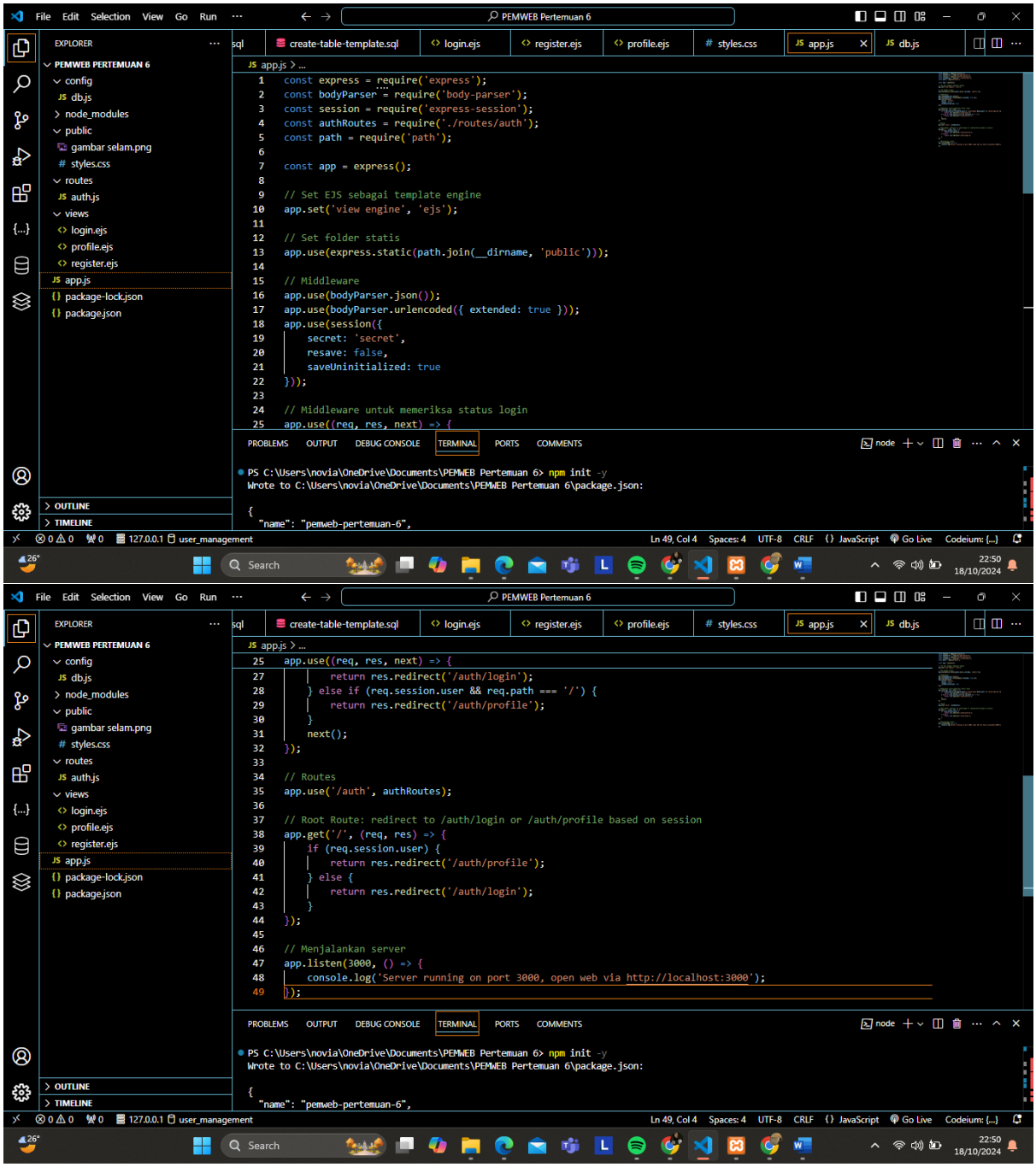


3. Inisialisasi Node.js Project



4. Buat file db.js untuk mengatur koneksi ke database

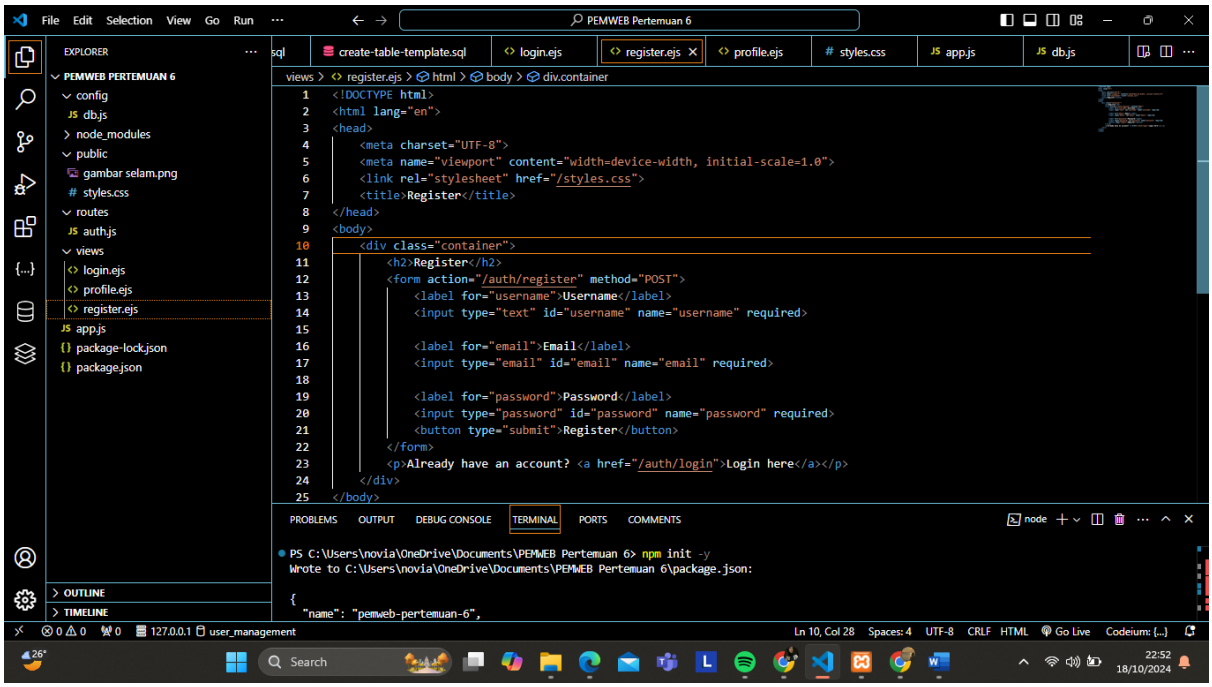
5. Buat file app. js untuk menginisialisasi server Express dan mengatur middleware


File Edit Selection View Go Run
PEMWEB Pertemuan 6
EXPLORER
PEMWEB PERTEMUAN 6
config
db.js
node_modules
public
gambar selam.png
styles.css
routes
auth.js
views
login.ejs
profile.ejs
register.ejs
app.js
package-lock.json
package.json
OUTLINE
TIMELINE
create-table-template.sql
login.ejs
register.ejs
profile.ejs
styles.css
app.js
db.js
app.js > ...
1 const express = require('express');
2 const bodyParser = require('body-parser');
3 const session = require('express-session');
4 const authRoutes = require('./routes/auth');
5 const path = require('path');
6
7 const app = express();
8
9 // Set EJS sebagai template engine
10 app.set('view engine', 'ejs');
11
12 // Set folder statis
13 app.use(express.static(path.join(__dirname, 'public')));
14
15 // Middleware
16 app.use(bodyParser.json());
17 app.use(bodyParser.urlencoded({ extended: true }));
18 app.use(session({
19 secret: 'secret',
20 resave: false,
21 saveUninitialized: true
22 }));
23
24 // Middleware untuk memeriksa status login
25 app.use((req, res, next) => {
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS
node
PS C:\Users\novia\OneDrive\Documents\PEMWEB Pertemuan 6> npm init -y
Wrote to C:\Users\novia\OneDrive\Documents\PEMWEB Pertemuan 6\package.json:
{
"name": "pemweb-pertemuan-6",
0 0 0 127.0.0.1 user_management
Ln 49, Col 4 Spaces: 4 UTF-8 CRLF {} JavaScript Go Live Codeium: {...}
Search
22:50
18/10/2024

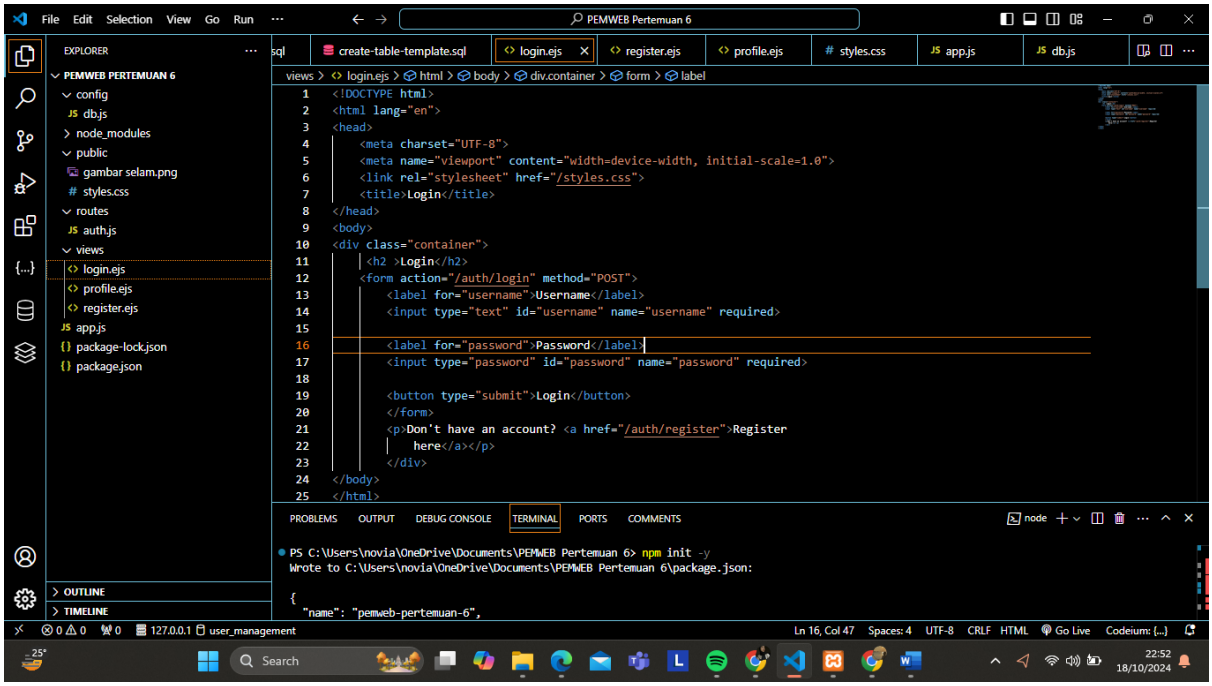
File Edit Selection View Go Run
PEMWEB Pertemuan 6
EXPLORER
PEMWEB PERTEMUAN 6
config
db.js
node_modules
public
gambar selam.png
styles.css
routes
auth.js
views
login.ejs
profile.ejs
register.ejs
app.js
package-lock.json
package.json
OUTLINE
TIMELINE
app.js > ...
25 app.use((req, res, next) => {
27 return res.redirect('/auth/login');
28 } else if (req.session.user && req.path === '/') {
29 return res.redirect('/auth/profile');
30 }
31 next();
32 });
33
34 // Routes
35 app.use('/auth', authRoutes);
36
37 // Root Route: redirect to /auth/login or /auth/profile based on session
38 app.get('/', (req, res) => {
39 if (req.session.user) {
40 return res.redirect('/auth/profile');
41 } else {
42 return res.redirect('/auth/login');
43 }
44 });
45
46 // Menjalankan server
47 app.listen(3000, () => {
48 console.log('Server running on port 3000, open web via http://localhost:3000');
49 });
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS
node
PS C:\Users\novia\OneDrive\Documents\PEMWEB Pertemuan 6> npm init -y
Wrote to C:\Users\novia\OneDrive\Documents\PEMWEB Pertemuan 6\package.json:
{
"name": "pemweb-pertemuan-6",
0 0 0 127.0.0.1 user_management
Ln 49, Col 4 Spaces: 4 UTF-8 CRLF {} JavaScript Go Live Codeium: {...}
Search
22:50
18/10/2024

6. Membuat tampilan views

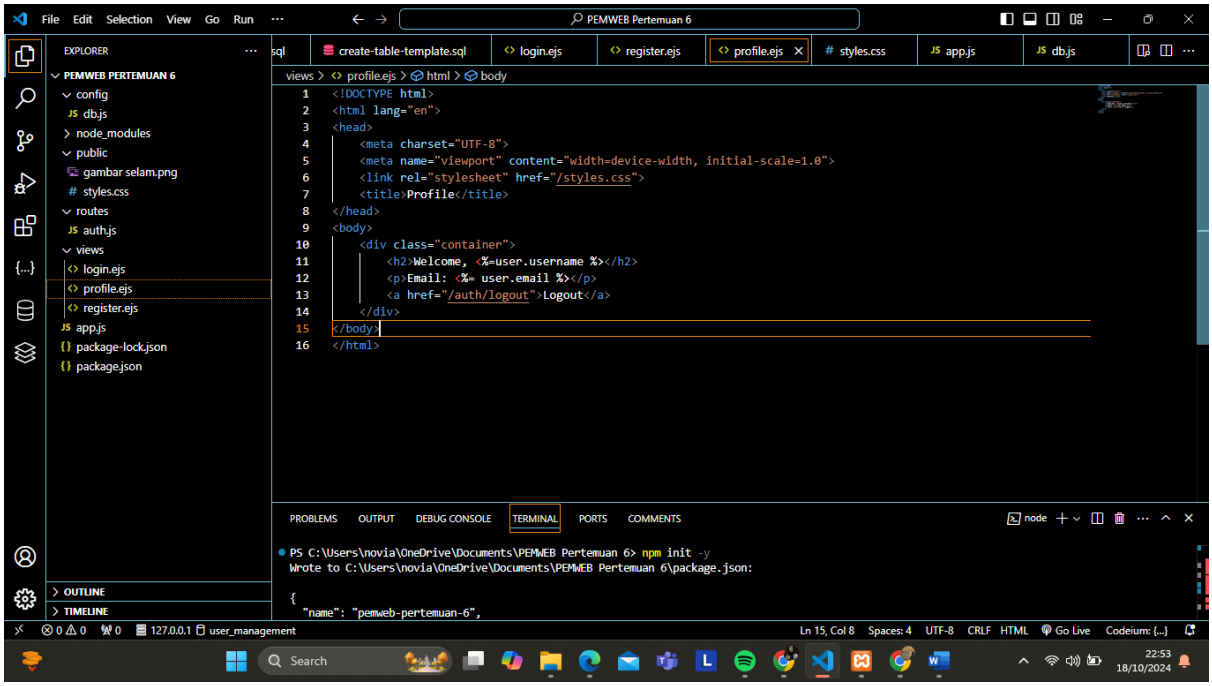
- Register



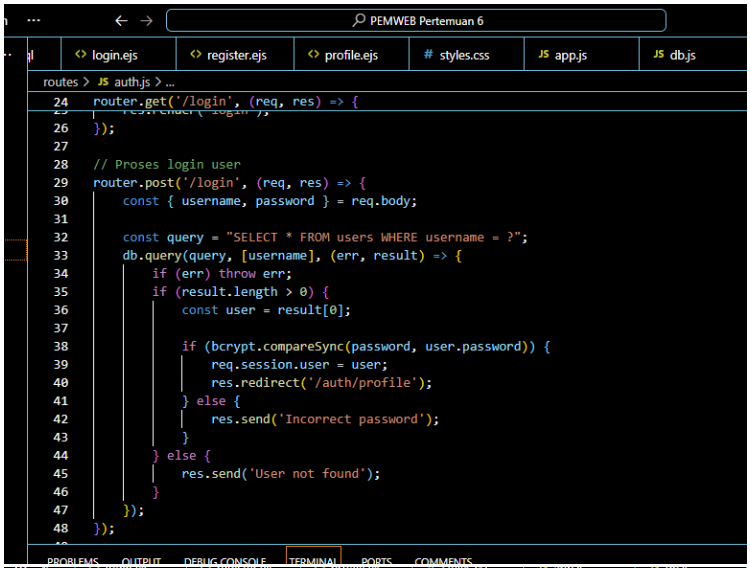
- Login

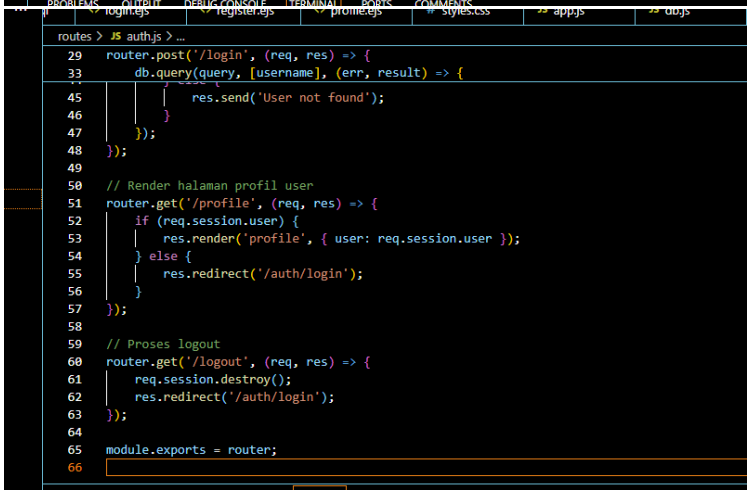


- Profile

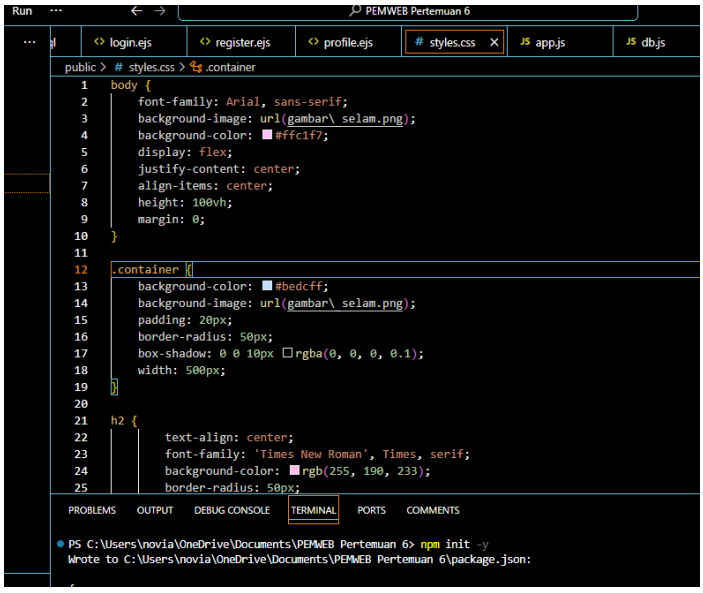


7. Ruat file auth. js di dalam folder routes untuk mengelola autentikasi pengguna





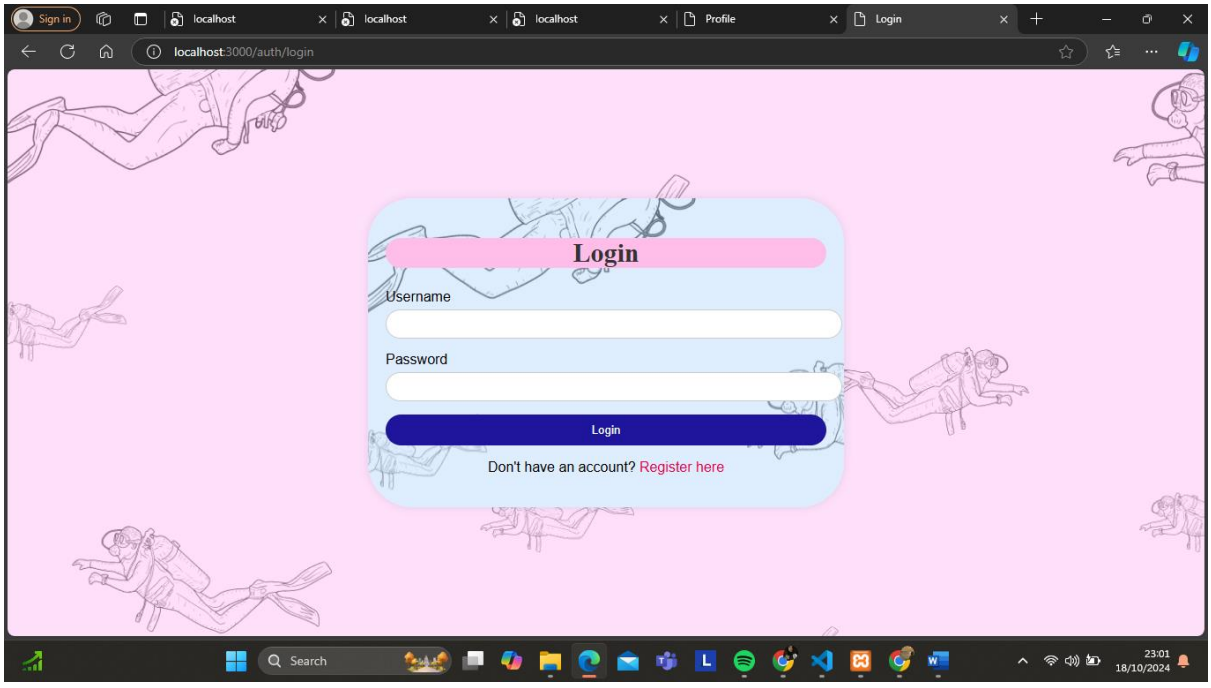
8. Membuat CSS

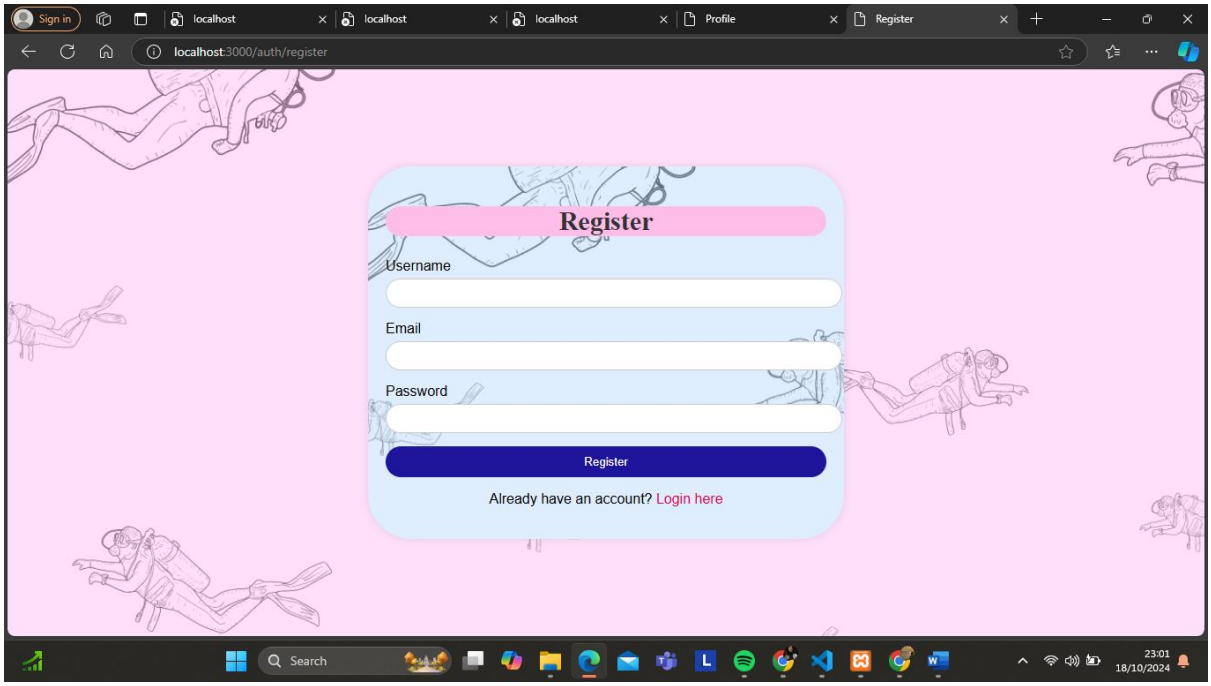


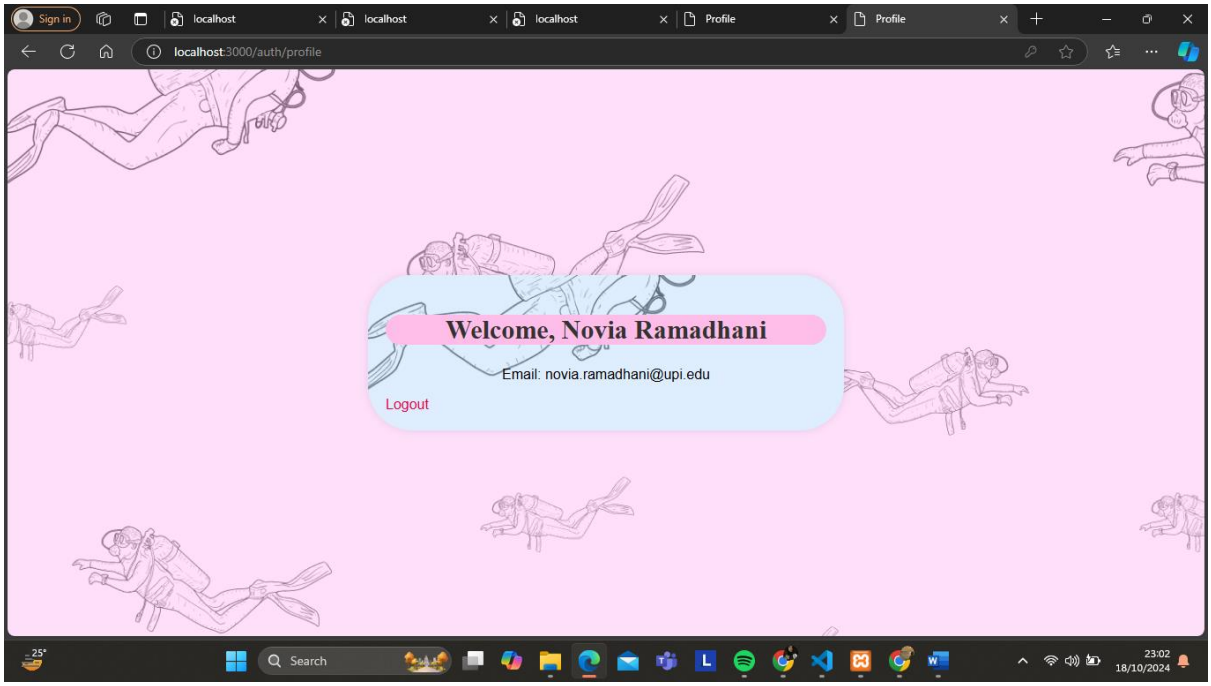
```
public > # styles.css > .container
21  h2 {
23      font-family: 'Times New Roman', Times, serif;
24      background-color: rgb(255, 190, 233);
25      border-radius: 50px;
26      font-size: 30px;
27      font-weight: bold;
28      color: #333;
29  }
30  label {
31      display: block;
32      margin-bottom: 5px;
33  }
34
35  input {
36      width: 100%;
37      padding: 8px;
38      margin-bottom: 15px;
39      border: 1px solid #ccc;
40      border-radius: 50px;
41  }
42
43  button {
44      width: 100%;
45      font-size: 18x;
```

```
Run  PEMWEB Pertemuan 6
login.ejs | register.ejs | profile.ejs | styles.css | app.js | db.js
public > # styles.css > .container
43  button {
46      padding: 10px;
47      background-color: #3998d8;
48      color: white;
49      border: none;
50      border-radius: 50px;
51      cursor: pointer;
52  }
53
54  button:hover {
55      background-color: #1e159c
56  }
57
58  p {
59      text-align: center;
60  }
61  a {
62      color: #e90046;
63      text-decoration: none;
64  }
65  a:hover{
66      text-decoration: underline;
67  }
```

Hasil dari CSSnya




Register
Username
Email
Password
Register
Already have an account? Login here


Welcome, Novia Ramadhani
Email: novia.ramadhani@upi.edu
Logout

Kesimpulan