

Nama : Adrian Adhari

## Quiz 2

- ```

<?php

use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;

return new class extends Migration
{
    /**
     * Run the migrations.
     */
    public function up(): void
    {
        Schema::create('students', function (Blueprint $table) {
            $table->id();
            $table->string('name');
            $table->string('npm');
            $table->enum('gender', ['Laki-Laki', 'Perempuan']);
            $table->text('alamat');
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     */
    public function down(): void
    {
        Schema::dropIfExists('students');
    }
};

```

- 
- The screenshot shows the MySQL Workbench interface. The 'Navigator' pane on the left displays the 'db\_pw\_quiz2' database under the 'students' schema. The 'SCHEMAS' pane shows the 'students' table selected. The 'Info' pane on the right displays the table's structure, including columns, types, default values, nullability, character sets, collations, and privileges.
- | Column     | Type                        | Default Value | Nullable | Character Set | Collation          | Privileges                         |
|------------|-----------------------------|---------------|----------|---------------|--------------------|------------------------------------|
| id         | bigint unsigned             |               | NO       |               |                    | select, insert, update, references |
| name       | varchar(255)                |               | NO       | utf8mb4       | utf8mb4_unicode_ci | select, insert, update, references |
| npm        | varchar(255)                |               | NO       | utf8mb4       | utf8mb4_unicode_ci | select, insert, update, references |
| gender     | enum('Laki-Laki', 'Per...') |               | NO       | utf8mb4       | utf8mb4_unicode_ci | select, insert, update, references |
| alamat     | text                        |               | NO       | utf8mb4       | utf8mb4_unicode_ci | select, insert, update, references |
| created_at | timestamp                   |               | YES      |               |                    | select, insert, update, references |
| updated_at | timestamp                   |               | YES      |               |                    | select, insert, update, references |

- [illegible]

- Kode StudentController

```
come.blade.php U  students.blade.php U  StudentController.php U X

namespace App\Http\Controllers;

use App\Models\Student;
use Illuminate\Http\Request;

class StudentController extends Controller
{
    public function index()
    {
        return view('students', [
            "students" => Student::all()
        ]);
    }
}
```

- Kode routes

```
me.blade.php U  students.blade.php U  StudentController.php U  web.php U X

<?php

use App\Http\Controllers\StudentController;
use Illuminate\Support\Facades\Route;

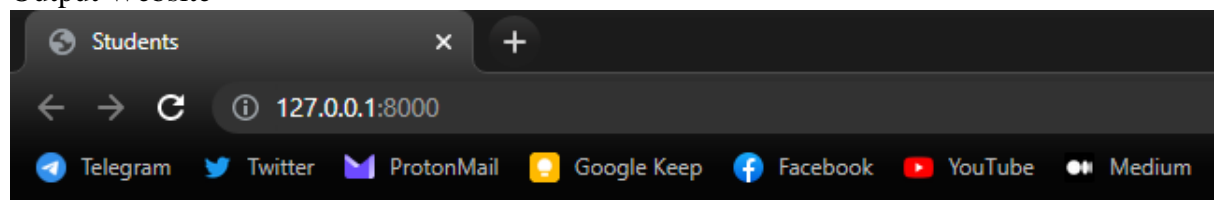
/*
|-----
| Web Routes
|-----
|
| Here is where you can register web routes for your application. These
| routes are loaded by the RouteServiceProvider and all of them will
| be assigned to the "web" middleware group. Make something great!
|
*/

Route::get('/', [StudentController::class, 'index']);
```

- Kode website

```
me.blade.php U students.blade.php U X StudentController.php U web.php U
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <title>Students</title>
  <style>
    table, th, td {
      border: 1px solid black;
      border-collapse: collapse;
    }
    th, td {
      padding: 10px;
    }
  </style>
</head>
<body>
  <table>
    <tr>
      <th>No</th>
      <th>Nama</th>
      <th>NPM</th>
      <th>Gender</th>
      <th>Alamat</th>
    </tr>
    @foreach ($students as $student)
    <tr>
      <td style="text-align: center">{{ $student['id'] }}</td>
      <td>{{ $student['name'] }}</td>
      <td>{{ $student['npm'] }}</td>
      <td>{{ $student['gender'] }}</td>
      <td>{{ $student['alamat'] }}</td>
    </tr>
    @endforeach
  </table>
</body>
</html>
```

- Output Website



| No | Nama                           | NPM        | Gender    | Alamat        |
|----|--------------------------------|------------|-----------|---------------|
| 1  | Adrian Adhari                  | 212310035  | Laki-Laki | Kedung Halang |
| 2  | Raden Rayyan Pratama Rakhmadie | 2123210034 | Perempuan | Bantarjati    |
| 3  | M. Alfian                      | 212310017  | Laki-Laki | Budi Agung    |