

**LAPORAN PRAKTIKUM  
PEMROGRAMAN BERBASIS WEB**

*“Tugas 6”*

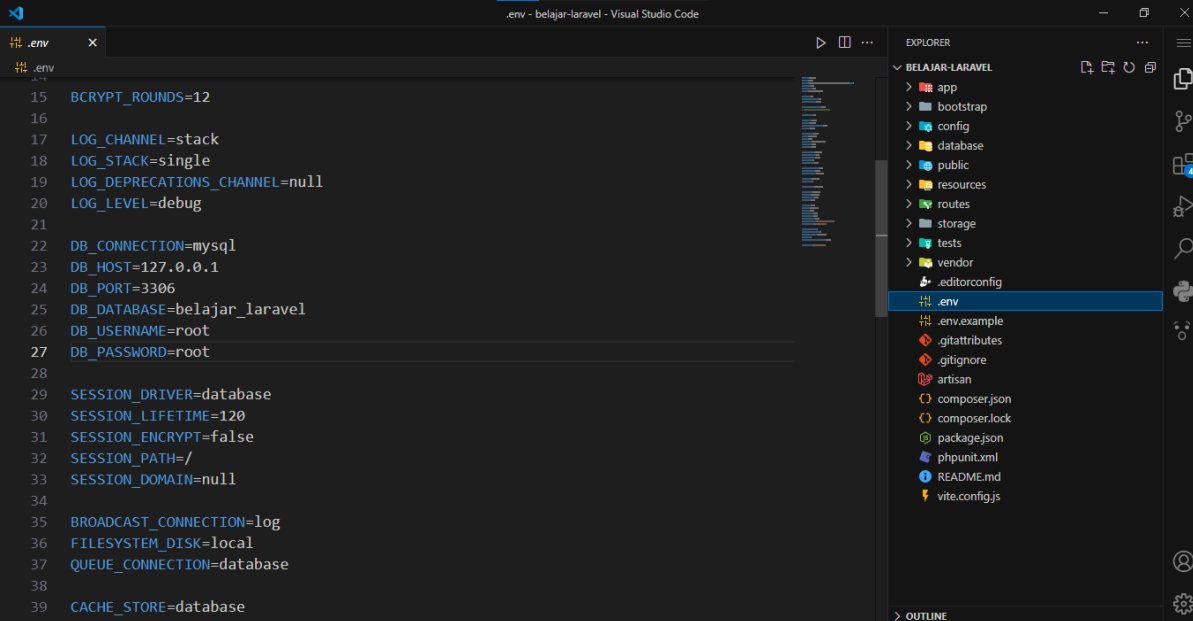


Nama :

Muhammad Hakim / 4522210092

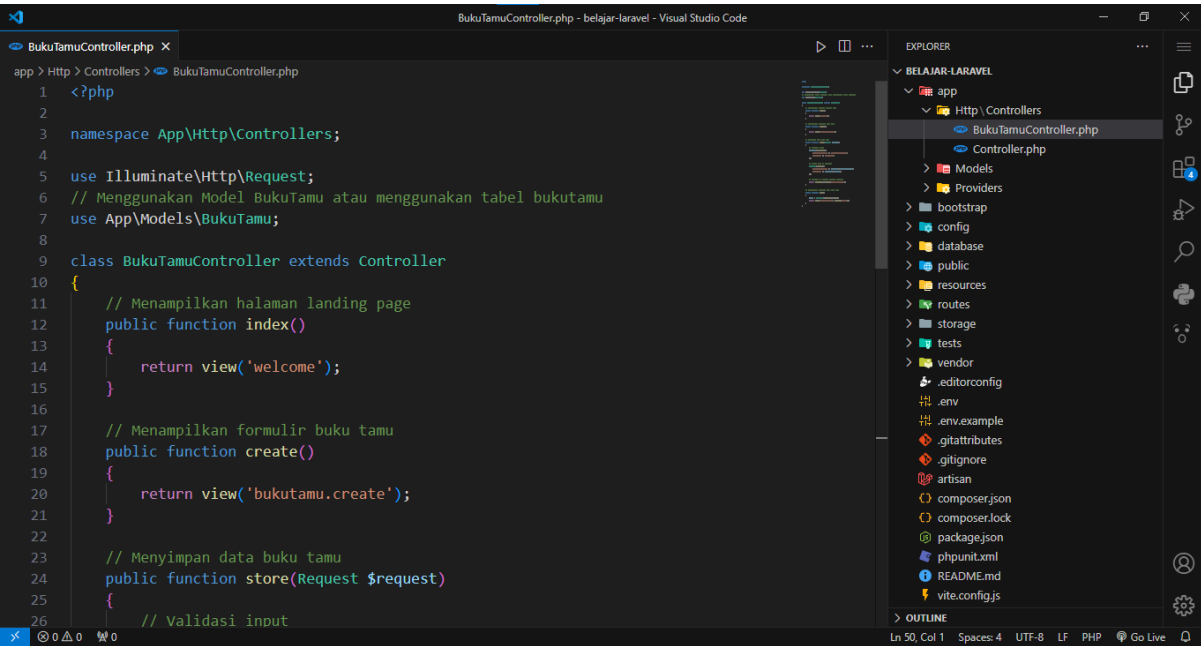
**PROGRAM STUDI TEKNIK INFORMATIKA  
UNIVERSITAS PANCASILA  
2022**

# KODE



The screenshot shows the Visual Studio Code editor with the `.env` file open. The file contains configuration for a Laravel application, including database settings, session settings, and other environment variables. The Explorer sidebar on the right shows the project structure, with the `.env` file highlighted.

```
15 BCRYPT_ROUNDS=12
16
17 LOG_CHANNEL=stack
18 LOG_STACK=single
19 LOG_DEPRECATIONS_CHANNEL=null
20 LOG_LEVEL=debug
21
22 DB_CONNECTION=mysql
23 DB_HOST=127.0.0.1
24 DB_PORT=3306
25 DB_DATABASE=belajar_laravel
26 DB_USERNAME=root
27 DB_PASSWORD=root
28
29 SESSION_DRIVER=database
30 SESSION_LIFETIME=120
31 SESSION_ENCRYPT=false
32 SESSION_PATH=/
33 SESSION_DOMAIN=null
34
35 BROADCAST_CONNECTION=log
36 FILESYSTEM_DISK=local
37 QUEUE_CONNECTION=database
38
39 CACHE_STORE=database
```



The screenshot shows the Visual Studio Code editor with the `BukuTamuController.php` file open. The file contains PHP code for a Laravel controller, including namespace declarations, imports, and method definitions. The Explorer sidebar on the right shows the project structure, with the `BukuTamuController.php` file highlighted.

```
1 <?php
2
3 namespace App\Http\Controllers;
4
5 use Illuminate\Http\Request;
6 // Menggunakan Model BukuTamu atau menggunakan tabel bukutamu
7 use App\Models\BukuTamu;
8
9 class BukuTamuController extends Controller
10 {
11     // Menampilkan halaman landing page
12     public function index()
13     {
14         return view('welcome');
15     }
16
17     // Menampilkan formulir buku tamu
18     public function create()
19     {
20         return view('bukutamu.create');
21     }
22
23     // Menyimpan data buku tamu
24     public function store(Request $request)
25     {
26         // Validasi input
```

```
BukuTamuController.php - belajar-laravel - Visual Studio Code

BukuTamuController.php x
app > Http > Controllers > BukuTamuController.php
10 {
24 public function store(Request $request)
25 {
26     // Validasi input
27     $request->validate([
28         'nama_pengunjung' => 'required|max:255',
29         'komentar' => 'required',
30     ]);
31
32     // Simpan data ke database
33     BukuTamu::create([
34         'nama_pengunjung' => $request->nama_pengunjung,
35         'komentar' => $request->komentar,
36     ]);
37
38     // Redirect ke halaman melihat komentar
39     return redirect()->route('bukutamu.show');
40 }
41
42 // Menampilkan komentar dari para tamu
43 public function show()
44 {
45     $data = BukuTamu::latest()->get();
46     return view('bukutamu.show', compact('data'));
47 }
48 }
```

EXPLORER

- BELEJAR-LARAVEL
  - app
    - Http \ Controllers
      - BukuTamuController.php
      - Controller.php
    - Models
    - Providers
    - bootstrap
    - config
    - database
    - public
    - resources
    - routes
    - storage
    - tests
    - vendor
    - .editorconfig
    - .env
    - .env.example
    - .gitattributes
    - .gitignore
    - artisan
    - composer.json
    - composer.lock
    - package.json
    - phpunit.xml
    - README.md
    - vite.config.js

OUTLINE

Ln 50, Col 1 Spaces: 4 UTF-8 LF PHP Go Live

```
BukuTamu.php - belajar-laravel - Visual Studio Code

BukuTamu.php x
app > Models > BukuTamu.php
1 <?php
2
3 namespace App\Models;
4
5 use Illuminate\Database\Eloquent\Factories\HasFactory;
6 use Illuminate\Database\Eloquent\Model;
7
8 class BukuTamu extends Model
9 {
10     use HasFactory;
11
12     protected $table = 'bukutamu';
13
14     protected $fillable = [
15         'nama_pengunjung',
16         'komentar',
17     ];
18 }
```

EXPLORER

- BELEJAR-LARAVEL
  - app
    - Http \ Controllers
      - BukuTamuController.php
      - Controller.php
    - Models
      - BukuTamu.php
      - User.php
    - Providers
    - bootstrap
    - config
    - database
    - public
    - resources
    - routes
    - storage
    - tests
    - vendor
    - .editorconfig
    - .env
    - .env.example
    - .gitattributes
    - .gitignore
    - artisan
    - composer.json
    - composer.lock
    - package.json
    - phpunit.xml

OUTLINE

Ln 18, Col 2 Spaces: 4 UTF-8 LF PHP Go Live

11:10 11/10/2024

```
2024_10_11_033518_create_bukutamu_table.php - belajar-laravel - Visual Studio Code

2024_10_11_033518_create_bukutamu_table.php x
database > migrations > 2024_10_11_033518_create_bukutamu_table.php

1  <?php
2
3  use Illuminate\Database\Migrations\Migration;
4  use Illuminate\Database\Schema\Blueprint;
5  use Illuminate\Support\Facades\Schema;
6
7  return new class extends Migration
8  {
9      /**
10       * Run the migrations.
11       */
12     public function up(): void
13     {
14         Schema::create('bukutamu', function (Blueprint $table) {
15             $table->id();
16             $table->string('nama_pengunjung');
17             $table->text('komentar');
18             $table->timestamps();
19         });
20     }
21
22     /**
23      * Reverse the migrations.
24      */
25     public function down(): void
26     {
27     }
28 }
```

EXPLORER

- BELEJAR-LARAVEL
  - app
  - bootstrap
  - config
  - database
  - public
  - resources
  - routes
  - storage
  - tests
  - vendor
    - .editorconfig
    - .env
    - .env.example
    - .gitattributes
    - .gitignore
    - artisan
    - composer.json
    - composer.lock
    - package.json
    - phpunit.xml
    - README.md
    - vite.config.js

OUTLINE

Ln 13, Col 6 Spaces: 4 UTF-8 LF PHP Go Live

```
welcome.blade.php - belajar-laravel - Visual Studio Code

welcome.blade.php x
resources > views > welcome.blade.php

1  <!DOCTYPE html>
2  <html>
3  <head>
4      <title>Selamat Datang</title>
5  </head>
6  <body>
7      <h1>Selamat Datang di Buku Tamu</h1>
8      <a href="{{ route('bukutamu.create') }}">Isi Buku Tamu</a> |
9      <a href="{{ route('bukutamu.show') }}">Lihat Komentar</a>
10 </body>
11 </html>
```

EXPLORER

- BELEJAR-LARAVEL
  - app
  - bootstrap
  - config
  - database
  - public
  - resources
    - css
    - js
    - views
      - bukutamu
      - welcome.blade.php
  - routes
  - storage
  - tests
  - vendor
    - .editorconfig
    - .env
    - .env.example
    - .gitattributes
    - .gitignore
    - artisan
    - composer.json
    - composer.lock
    - package.json
    - phpunit.xml
    - README.md
    - vite.config.js

OUTLINE

Ln 11, Col 8 Spaces: 4 UTF-8 LF PHP Go Live

```
show.blade.php - belajar-laravel - Visual Studio Code

resources > views > bukutamu > show.blade.php

1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Komentar Buku Tamu</title>
5 </head>
6 <body>
7   <h1>Komentar dari Para Tamu</h1>
8
9   @if ($data->isEmpty())
10    <p>Belum ada komentar.</p>
11  @else
12    @foreach ($data as $item)
13      <div style="border:1px solid #ccc; padding:10px; margin-bottom:10px;">
14        <strong>{{ $item->nama_pengunjung }}</strong> berkata:<br>
15        <p>{{ $item->komentar }}</p>
16        <small>Waktu: {{ $item->created_at }}</small>
17      </div>
18    @endforeach
19  @endif
20
21  <br>
22  <a href="{{ route('home') }}">Kembali ke Halaman Utama</a>
23 </body>
24 </html>
25
26
```

```
create.blade.php - belajar-laravel - Visual Studio Code

resources > views > bukutamu > create.blade.php

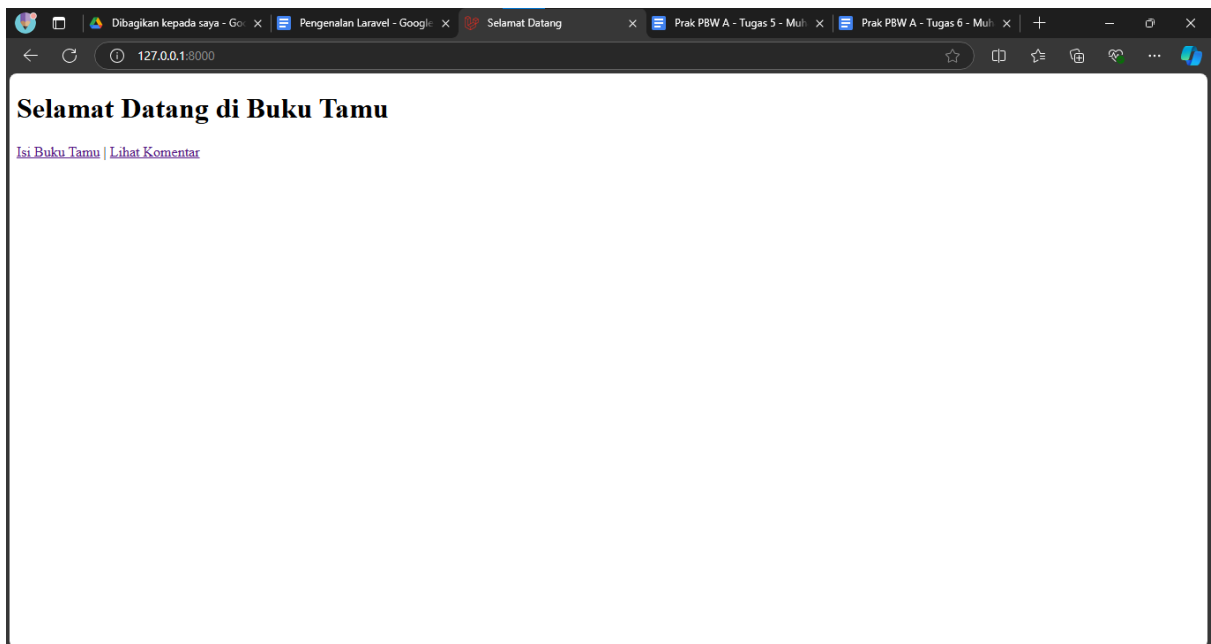
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>Isi Buku Tamu</title>
5 </head>
6 <body>
7   <h1>Isi Buku Tamu</h1>
8
9   @if ($errors->any())
10     <div style="color:red;">
11       <ul>
12         @foreach ($errors->all() as $error)
13           <li>{{ $error }}</li>
14         @endforeach
15       </ul>
16     </div>
17   @endif
18
19   <form action="{{ route('bukutamu.store') }}" method="POST">
20     @csrf
21     <label for="nama_pengunjung">Nama:</label><br>
22     <input type="text" id="nama_pengunjung" name="nama_pengunjung" value="{{ old('nama_pengunjung') }}"><br><br>
23     <label for="komentar">Komentar:</label><br>
24     <textarea id="komentar" name="komentar">{{ old('komentar') }}</textarea><br><br>
25     <button type="submit">Kirim</button>
26
```

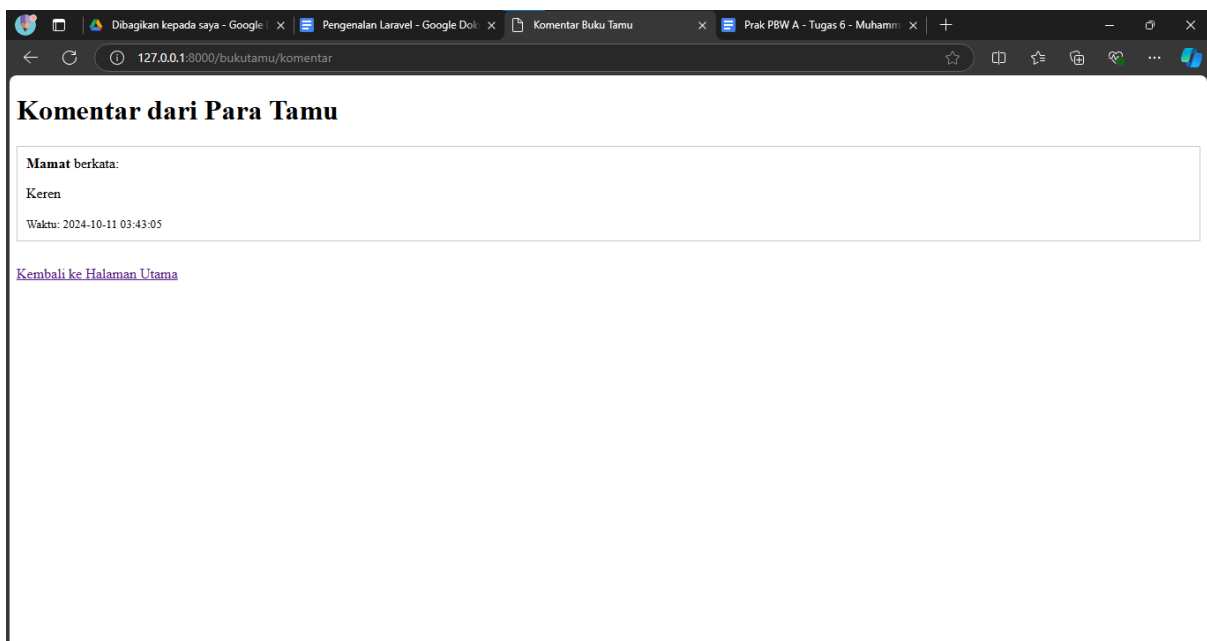
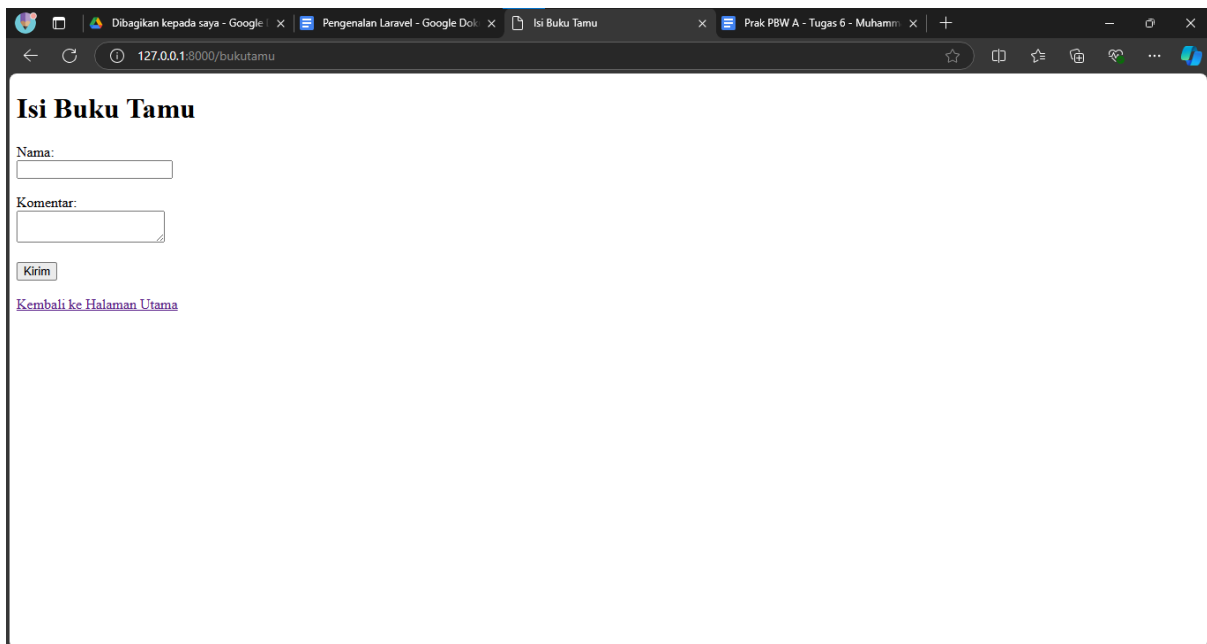
```
create.blade.php - belajar-laravel - Visual Studio Code

resources > views > bukutamu > create.blade.php

6  <body>
9  @if ($errors->any())
10     <div style="color:red;">
11         <ul>
12             @foreach ($errors->all() as $error)
13                 <li>{{ $error }}</li>
14             @endforeach
15         </ul>
16     </div>
17 @endif
18
19 <form action="{{ route('bukutamu.store') }}" method="POST">
20     @csrf
21     <label for="nama_pengunjung">Nama:</label><br>
22     <input type="text" id="nama_pengunjung" name="nama_pengunjung" value="{{ old('nama_pengunjung') }}">
23     <br><br>
24     <label for="komentar">Komentar:</label><br>
25     <textarea id="komentar" name="komentar">{{ old('komentar') }}</textarea><br><br>
26     <button type="submit">Kirim</button>
27 </form>
28
29 <br>
30 <a href="{{ route('home') }}">Kembali ke Halaman Utama</a>
31 </body>
32 </html>
```

## HASIL





## KESIMPULAN

Laravel adalah framework yang cukup lengkap, didalamnya kita bisa membuat table database lewat codingan tanpa melalui dbms. Selain itu kita bisa membuat url path sesuka hati. Selain itu kita bisa membuat semacam template yang bisa digunakan berulang kali di views. Karena laravel menerapkan MVC membuat kode tersusun dengan rapih.

## SARAN

menambahkan css di views agar tampilan lebih menarik

**GITHUB :** <https://github.com/MuhammadHakim33/pbw>