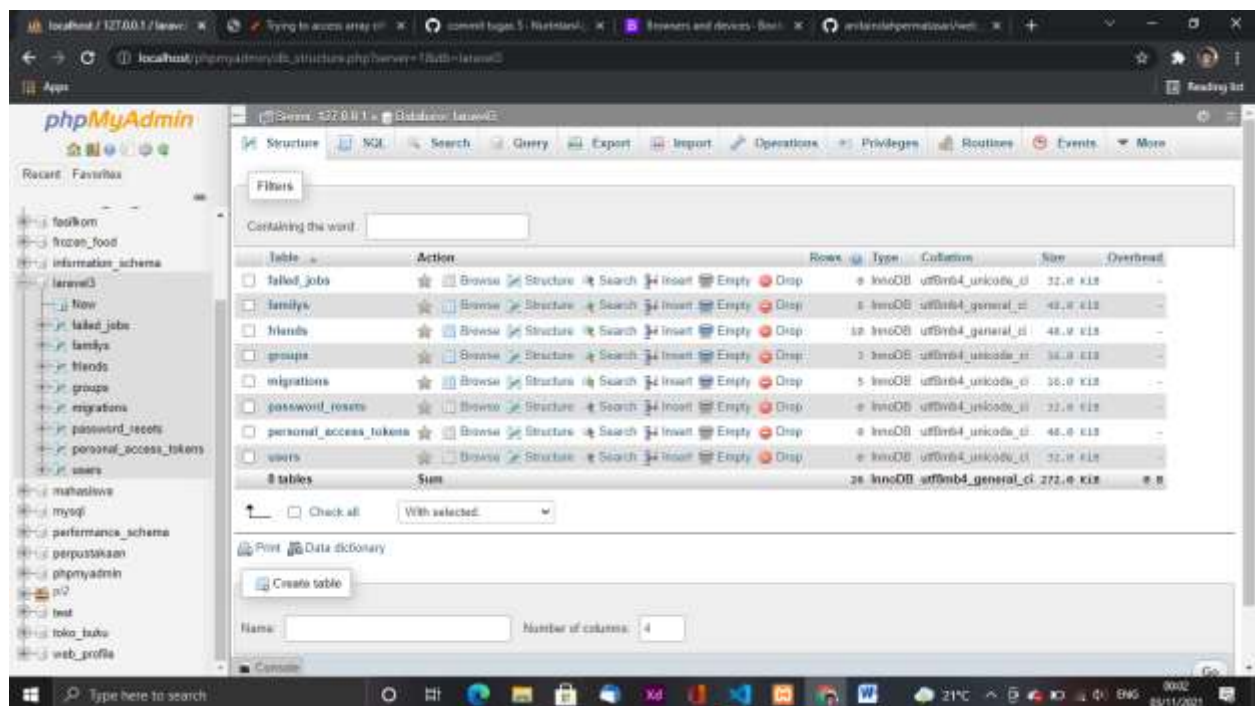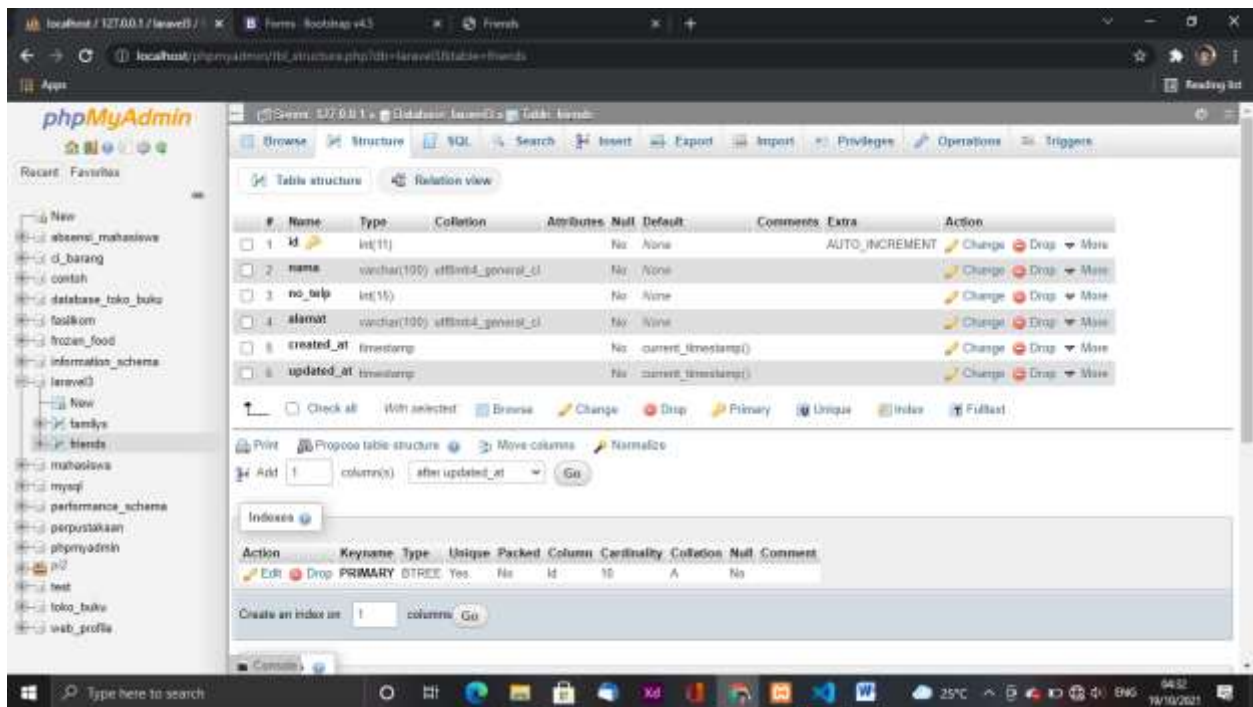Nama   : Anita Indah Permata Sari

NIM   : 2019114003

Kelas   : Sistem Informasi Semester 5

Mata Kuliah   : Pemrograman Internet Lanjut

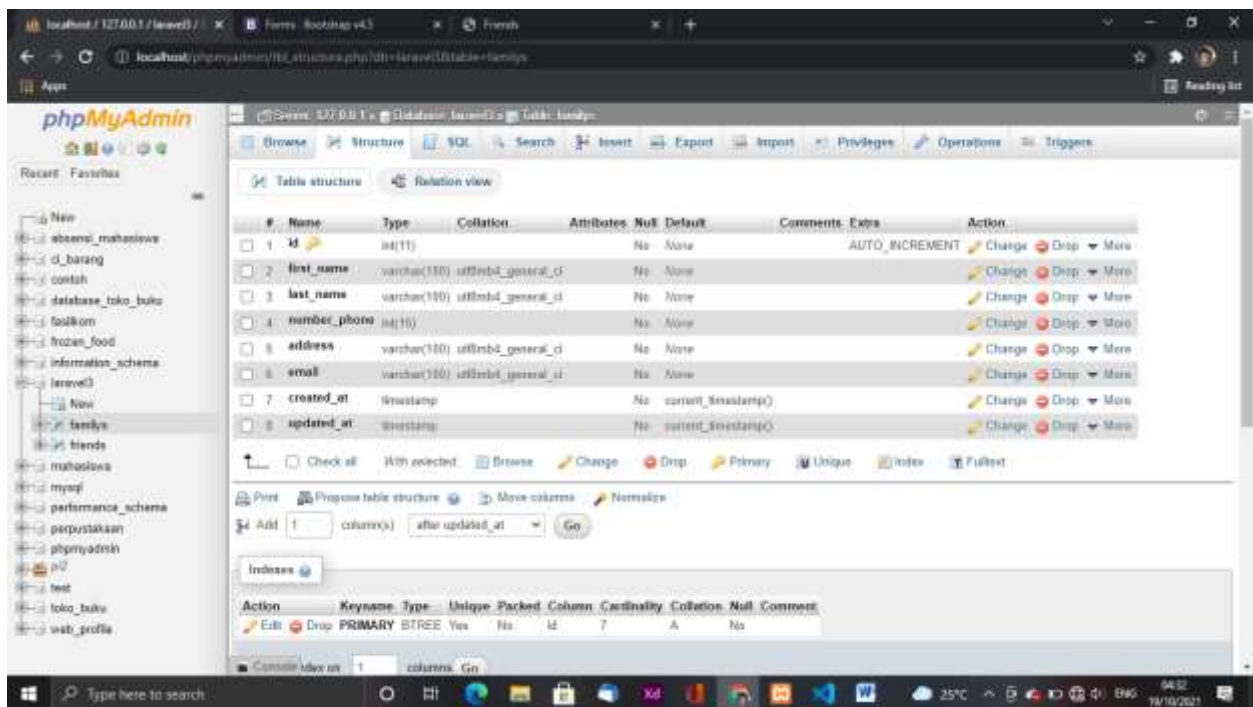Nama Dosen   : Reza Ilyasa, S.Kom., M.Kom.

Database laravel 3

Database Tabel Friends

Database Tabel Family

Database Tabel Groups
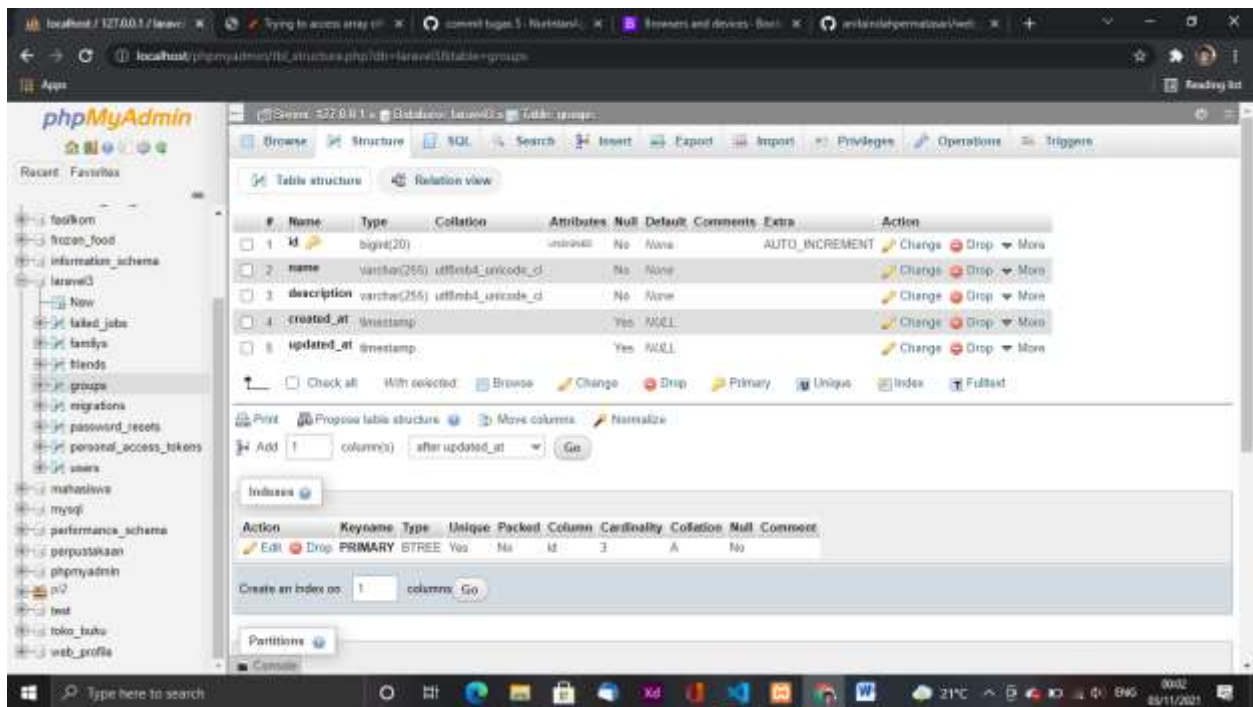
Tampilan Home
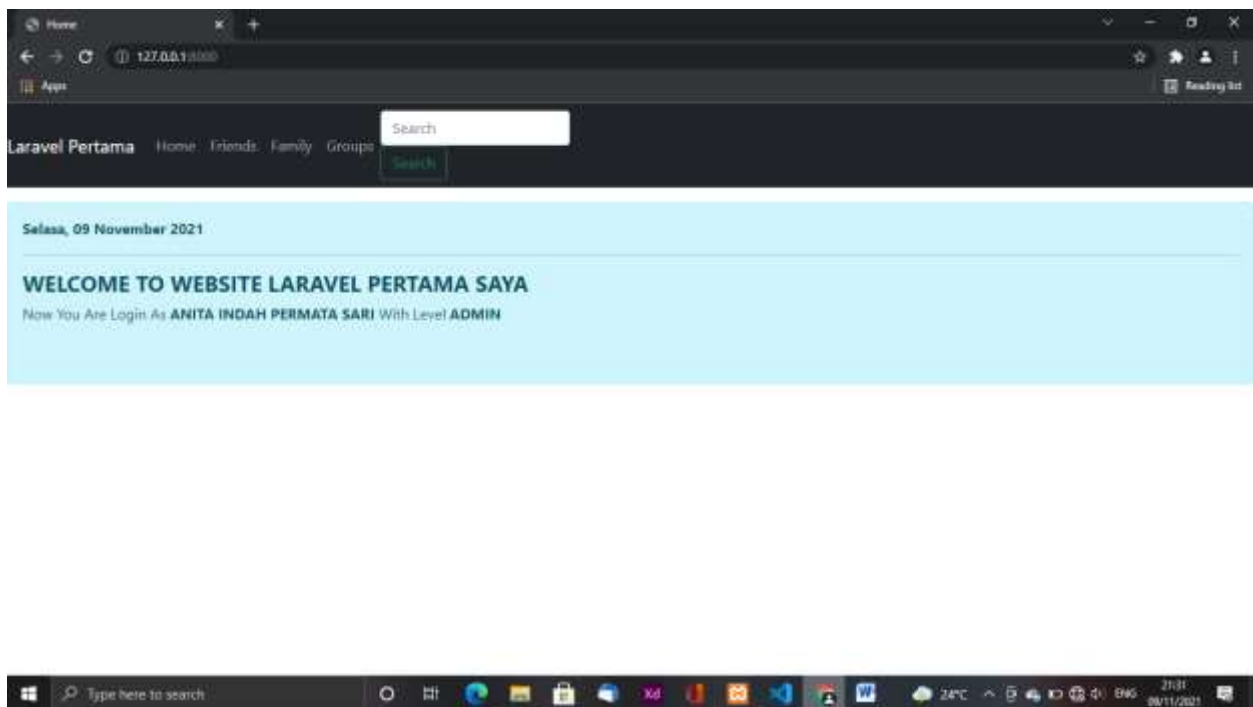
Tampilan Awal Friends
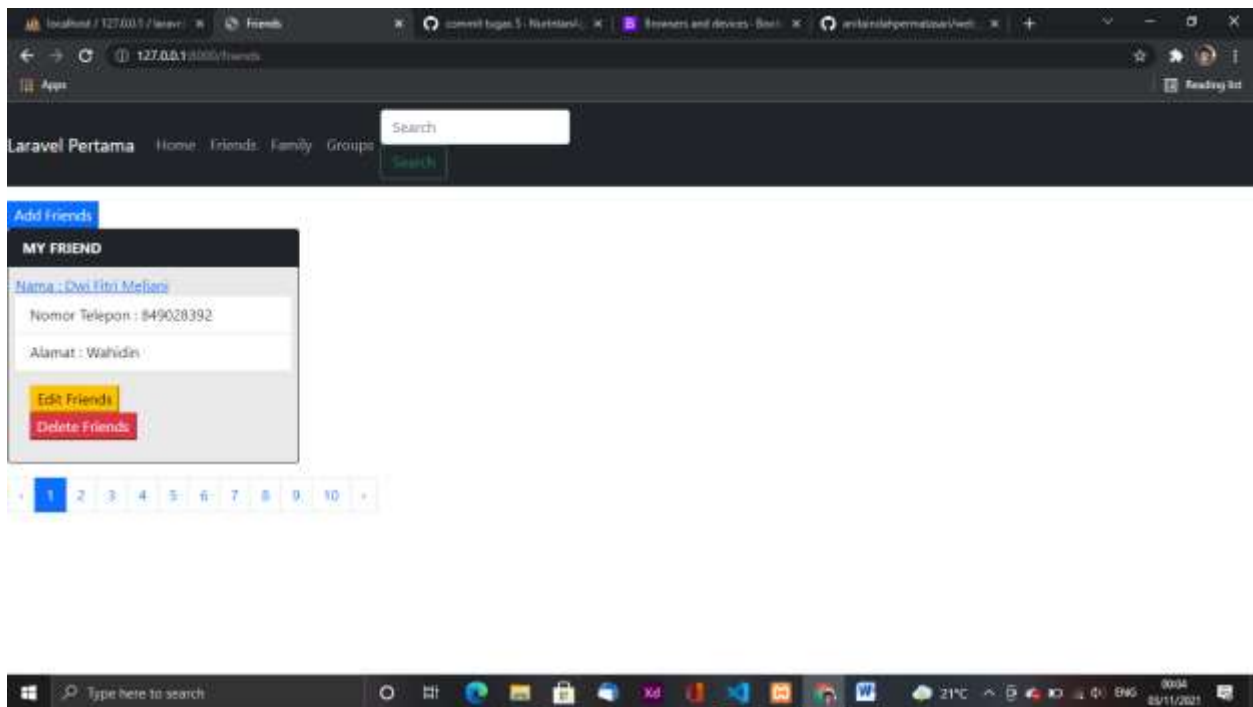
Tampilan Add Friends
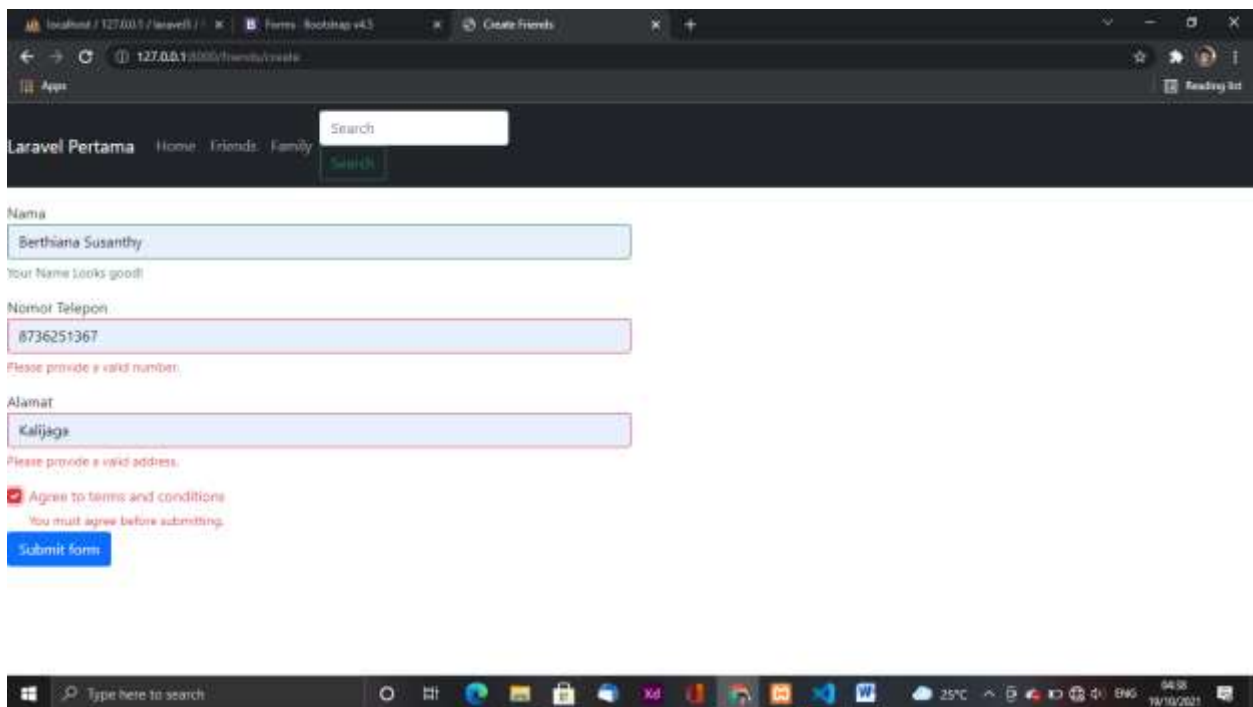
Tampilan Show Friends
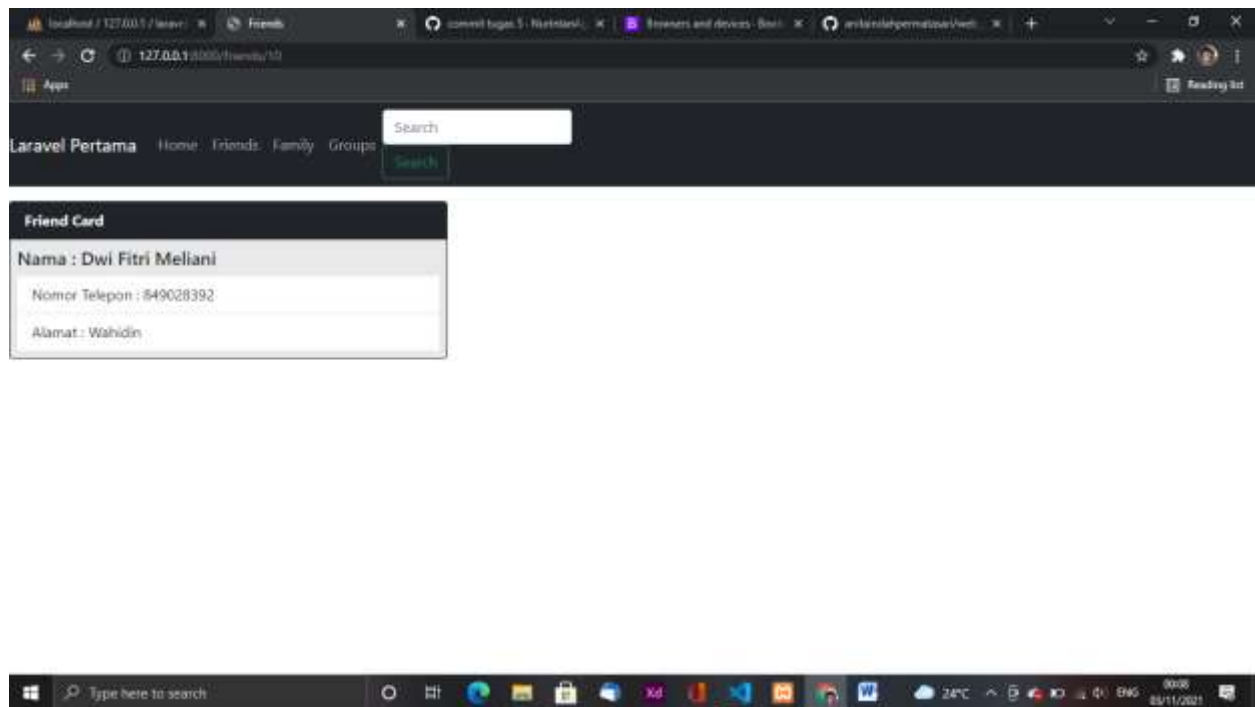
Tampilan Edit Friends
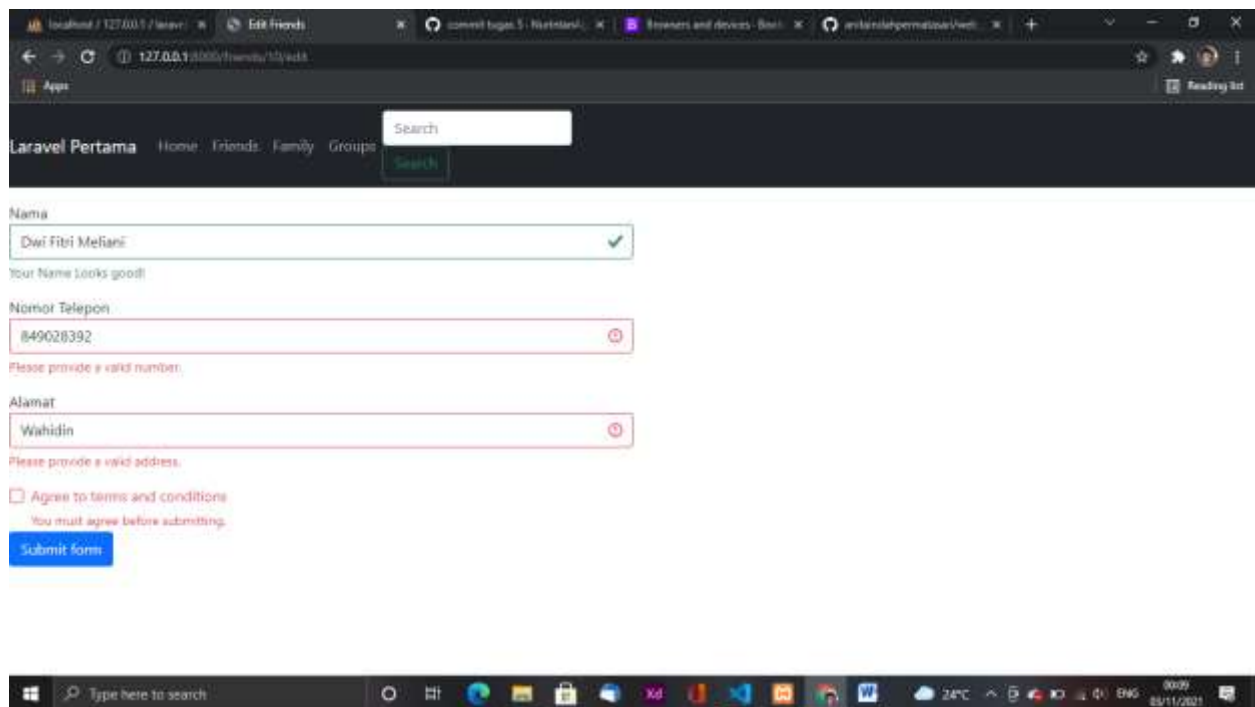
Database Friends
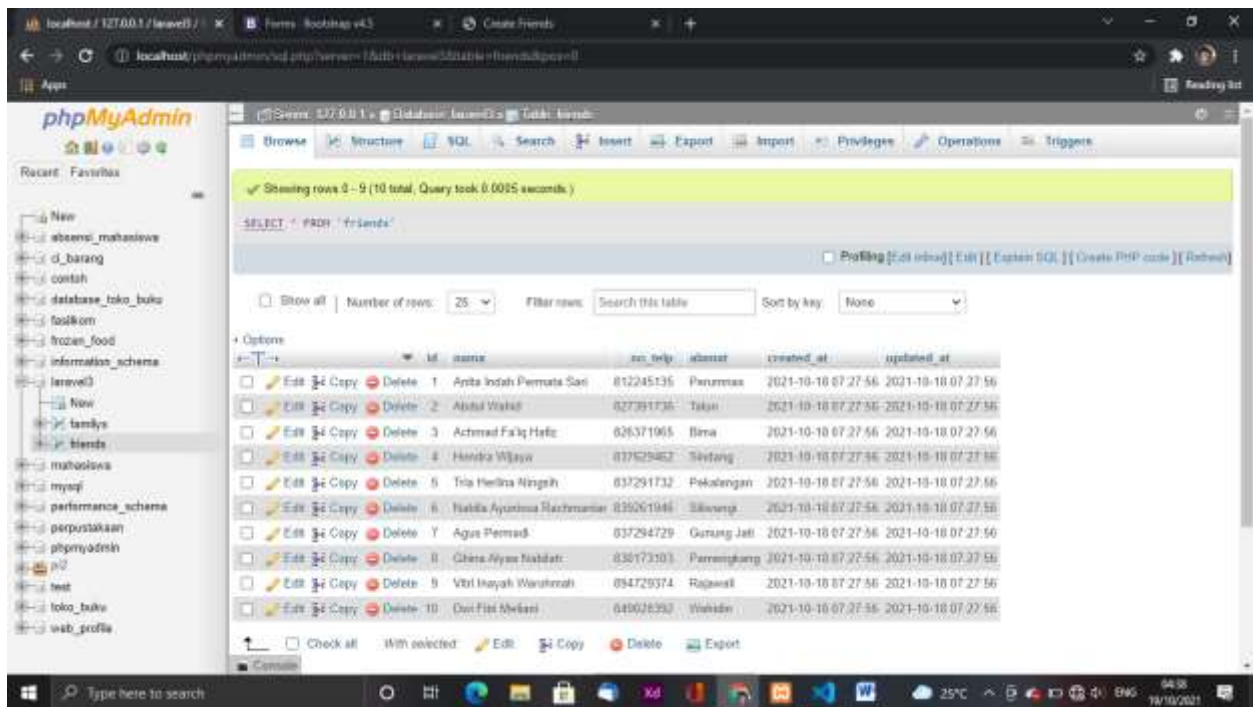
Tampilan Awal Family
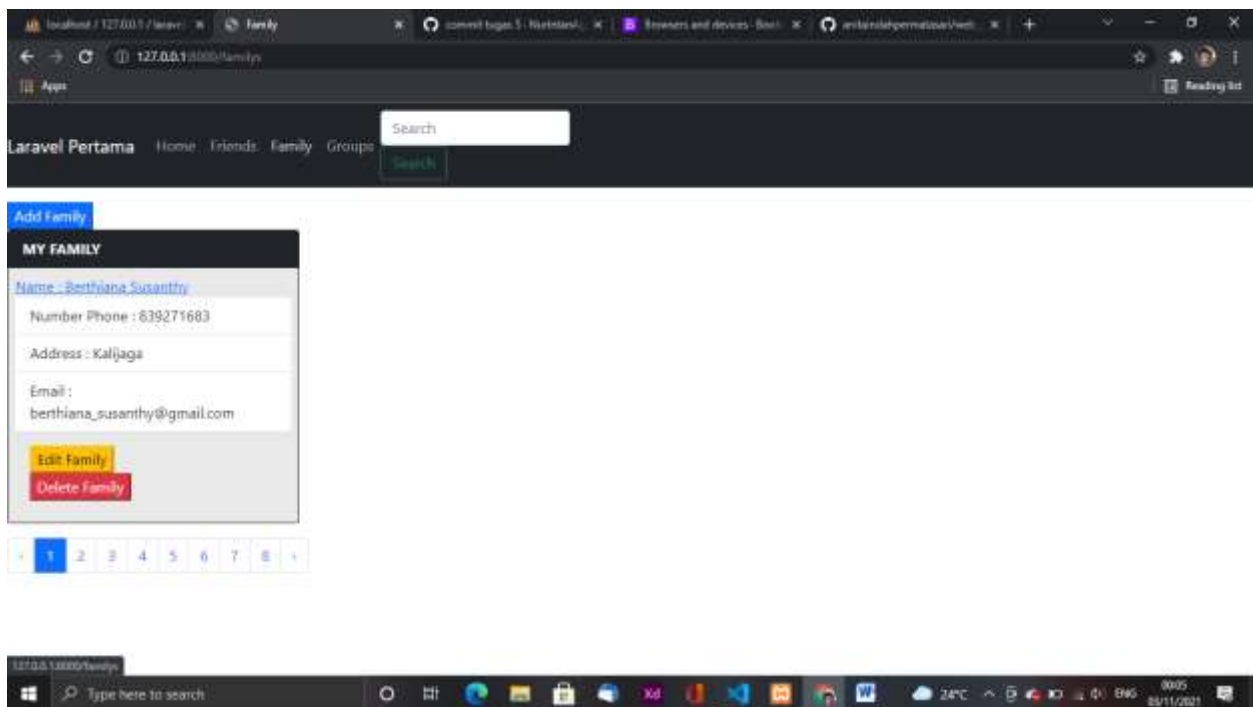
Database Family
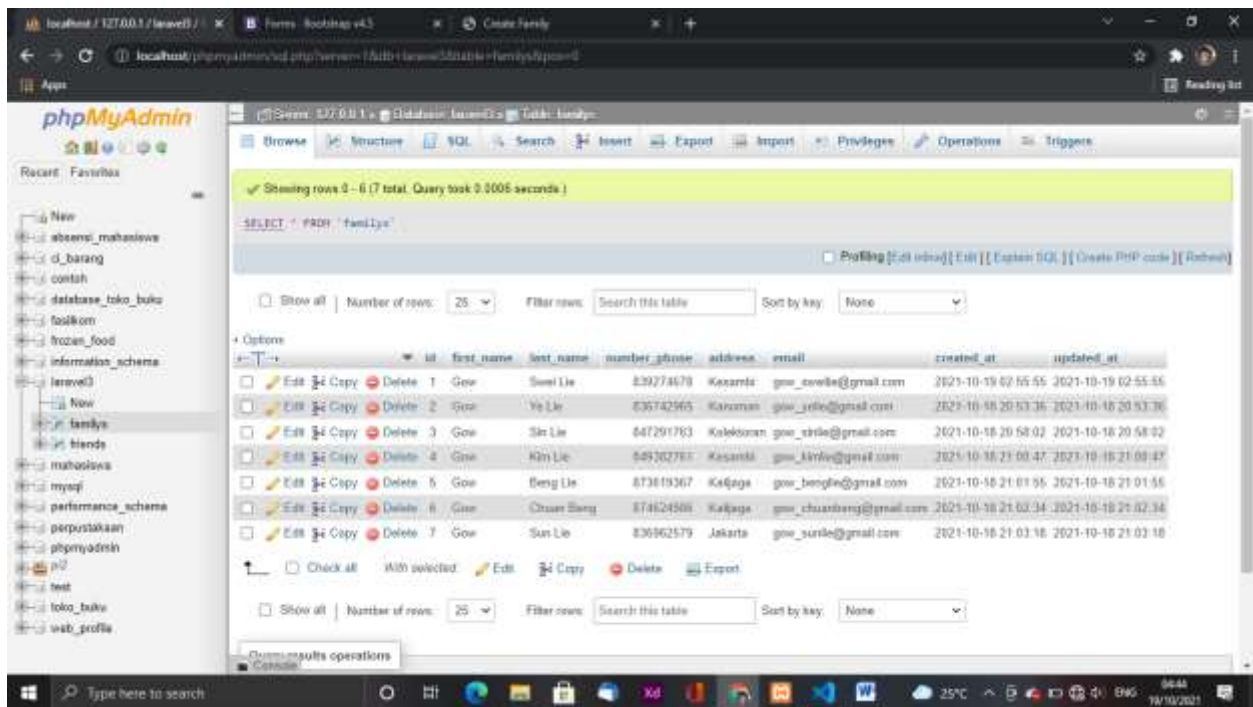
Tampilan Awal Groups
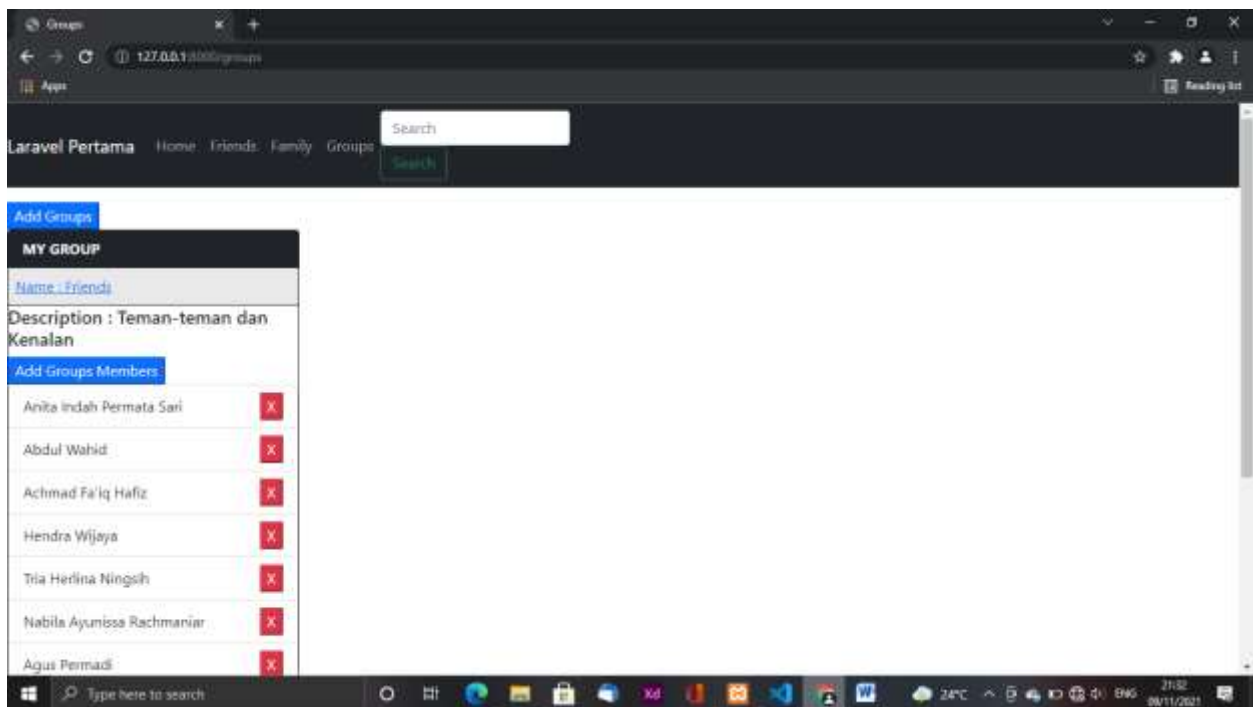
Tampilan Tambah Groups
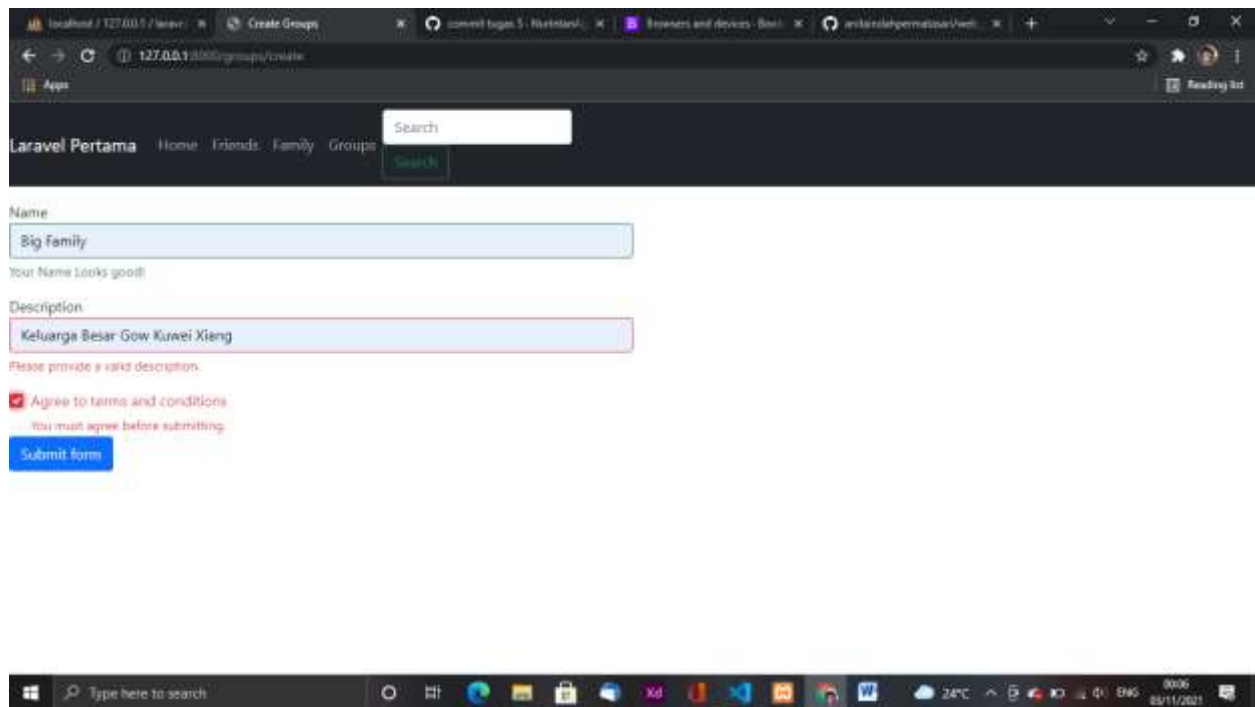
Tampilan Show Groups
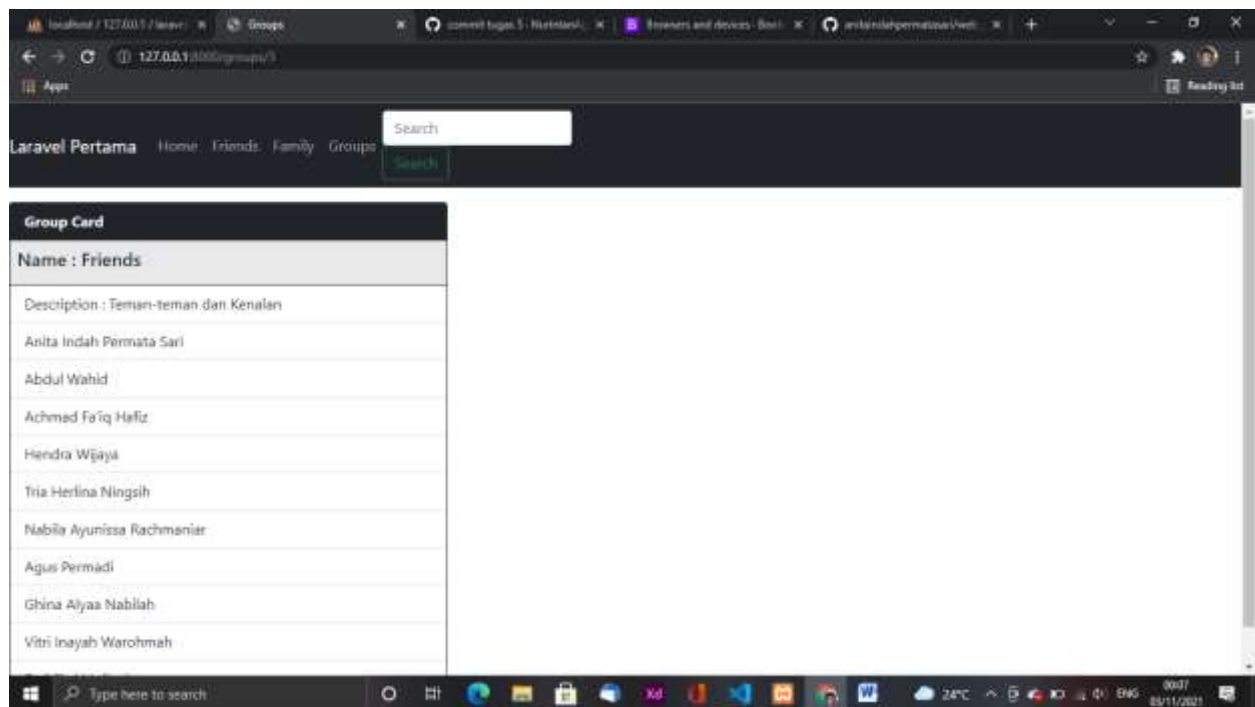
Tampilan Edit Groups

Tampilan Add Members
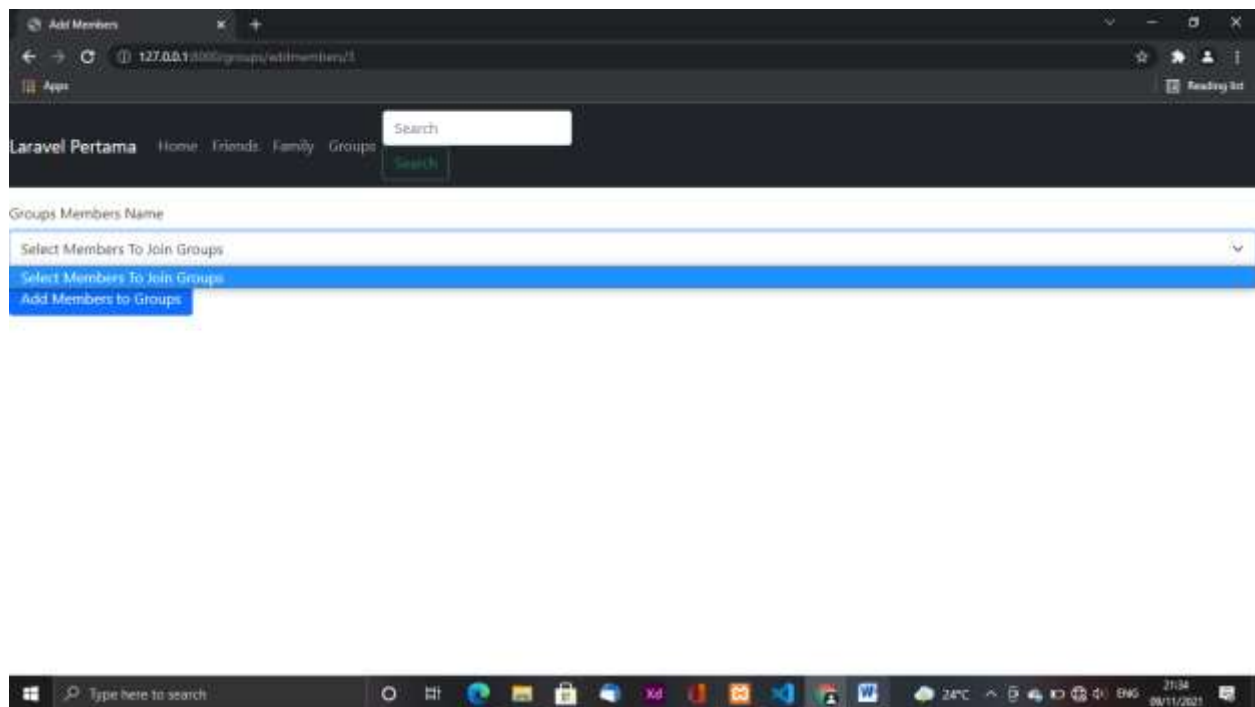
Database Groups
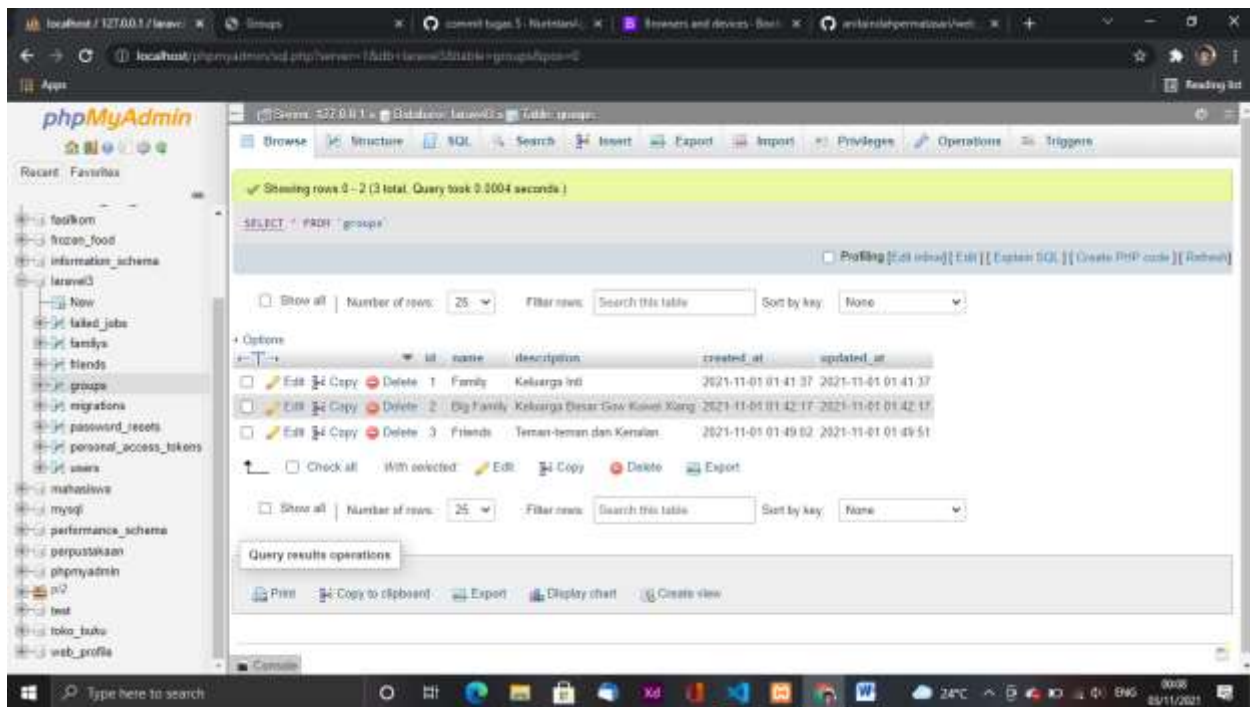
Tambahan Tugas

1. Penggunaan jenis navbar yang berbeda pada app.blade.php

```
<nav class="navbar navbar-expand-lg navbar-dark bg-dark mb-3">
        <a class="navbar-brand" href="#">Laravel Pertama</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarSupportedContent" aria-controls="navbarSupportedContent" aria-
expanded="false" aria-label="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
        </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav mr-auto">
                <li class="nav-item active">
                    <a class="nav-link" href="/">Home <span class="sr-
only"></span></a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" href="/friends">Friends</a>
                </li>
                <li class="nav-item">
                    <a class="nav-link" href="/familys">Family</a>
                </li>
            </ul>
            <form class="form-inline my-2 my-lg-0">
```
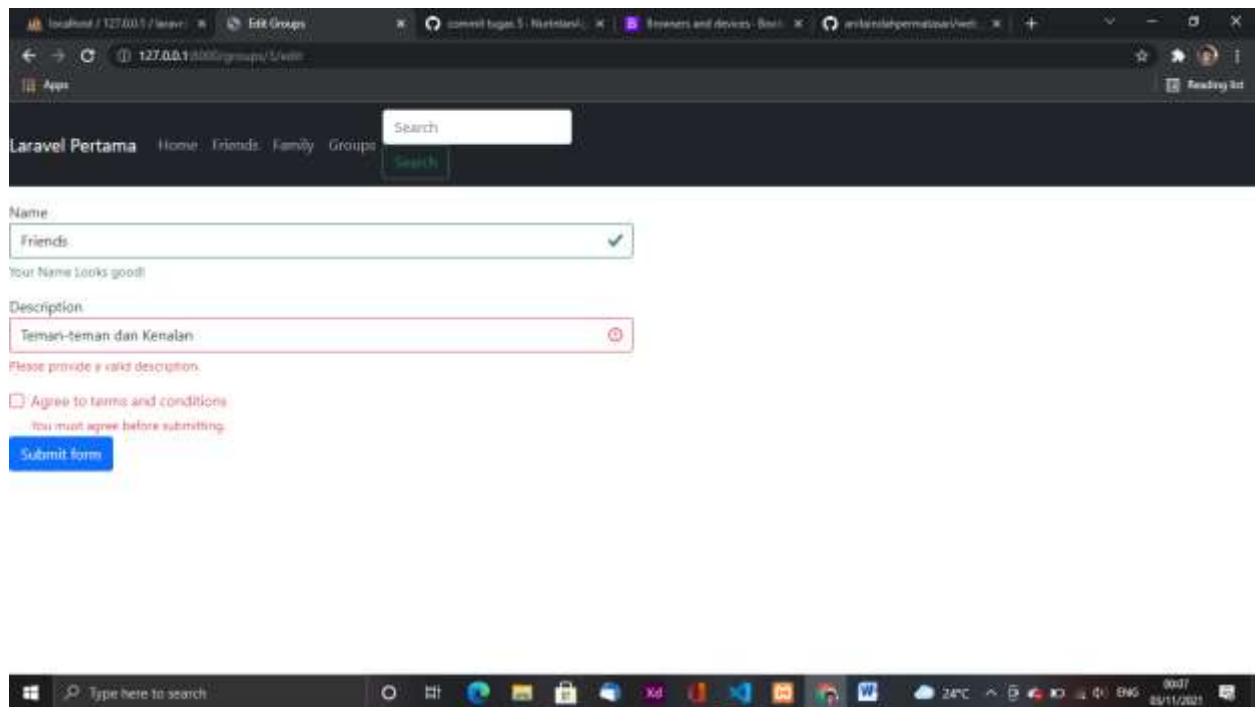
```
            <input class="form-control mr-sm-2" type="search"
placeholder="Search" aria-label="Search">
            <button class="btn btn-outline-success my-2 my-sm-0"
type="submit">Search</button>
            </form>
        </div>
    </nav>
```

2. Penggunaan jenis card yang berbeda pada index.blade.php

```
<div class="card" style="width: 18rem;">
        <div class="card-body">
            <h5 class="card-title">Nama : {{ $friend['nama'] }}</h5>
        </div>
        <ul class="list-group list-group-flush">
            <li class="list-group-item">Nomor Telepon : {{ $friend['no_telp']
}}</li>
            <li class="list-group-item">Alamat : {{ $friend['alamat'] }}</li>
        </ul>
        <div class="card-body">
            <a href="#" class="card-link btn-warning">Edit Friends</a>
            <a href="#" class="card-link btn-danger">Delete Friends</a>
        </div>
    </div>
```

3. Penambahan Models Familys

Familys.php

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class Familys extends Model
{
    use HasFactory;
    protected $guarded = ['last_name'];
}
```

4. Penambahan Route Family pada web.php

```
Route::resources([
    'friends' => App\Http\Controllers\CobaController::class,
    'familys' => App\Http\Controllers\FamilysController::class,
    'groups' => App\Http\Controllers\GroupsController::class,
]);
```

5. Pembuatan FamilyControler yang berisi index, create, store, show, edit, update, dan destroy

FamilyControler.php

```php
<?php

namespace App\Http\Controllers;

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

class FamilyController extends Controller
{
    /* public function index()
    {
        return 'test berhasil';
    }

    public function urutan($ke)
    {
// memanggil model firends
        $friends = Friends::paginate(3);

        return view('friend', compact('friends'));
        // memakai compact karena memiliki banyak data array. di isi dengan nama
variabel yang akan dipanggil
    }

    public function coba($ke)
    {
        return view('coba');
        // sesuaikan dengan view yang ingin ditampilkan

    }
 */

public function index(){
```

```php
        // memanggil model familys
        $familys = Familys::orderBy('id', 'desc')->paginate(1);

        return view('family.index', compact('familys'));
        // memakai compact karena memiliki banyak data array. di isi dengan nama
variabel yang akan dipanggil
    }

    public function create(){
        return view('family.create');
    }

    public function store(Request $request){
        // Validate the request...
        $request->validate([
            'first_name' => 'required|max:255|',
            'last_name' => 'required|unique:familys|max:255|',
            'number_phone' => 'required|numeric',
            'address' => 'required',
            'email' => 'required'

        ]);

        $familys = new Familys;

        $familys->first_name = $request->first_name;
        $familys->last_name = $request->last_name;
        $familys->number_phone = $request->number_phone;
        $familys->address = $request->address;
        $familys->email = $request->email;

        $familys->save();

        return redirect('/familys');

    }

    public function show($id)
    {
        $familys = Familys::where('id', $id)->first();
        // dd($familys);
        return view('family.show', ['familys' => $familys]);
    }

    public function edit($id)
```

```
    {
        $familys = Familys::where('id', $id)->first();
        // dd($familys);
        return view('family.edit', ['familys' => $familys]);
    }

    public function update(Request $request, $id)
    {
        $request->validate([
            'first_name' => 'required|max:255|',
            'last_name' => 'required|unique:familys|max:255|',
            'number_phone' => 'required|numeric',
            'address' => 'required',
            'email' => 'required'
        ]);

        Familys::find($id)->update([
            'first_name' => $request->first_name,
            'last_name' => $request->last_name,
            'number_phone' => $request->number_phone,
            'address' => $request->address,
            'email' => $request->email
        ]);

        return redirect('/familys');
    }

    public function destroy($id)
    {
        Familys::find($id)->delete();
        return redirect('/familys');

    }
}
```

6. Penambahan View Index Family

index.blade.php

```
@extends('layouts.app')

@section('title', 'Family')
<!-- section key, value karena section ini bukan diambil dari file tetapi dari
key-->
```

```
@section('content')
    <a href="/familys/tambah"><button class="card-link btn-primary">Add
Family</button></a>
<!-- karena angka yang kita gunakan adalah array dalam array sehingga memerlukan
perulangan berupa foreach -->
@foreach ($familys as $family)
    <div class="card border-dark mb-3" style="max-width: 20rem;">
        <div class="card-header bg-dark text-light">
                <b>MY FAMILY</b>
            </div>
        <div class="card-body bg-dark p-2 text-dark bg-opacity-10">
            <a href="/familys/{{$familys['id']}}" class="card-title">Name : {{
$family['first_name'] }} {{ $family['last_name'] }}</a>
            <ul class="list-group list-group-flush">
                <li class="list-group-item">Number Phone : {{
$family['number_phone'] }}</li>
                <li class="list-group-item">Address : {{ $family['address']
}}</li>
                <li class="list-group-item">Email : {{ $family['email'] }}</li>
            </ul>
            <div class="card-body">
                <a href="/familys/{{$familys['id']}}/edit"><button class="card-
link btn-warning">Edit Family</button></a>
                <form action="/familys/{{$familys['id']}}" method="POST">
                @csrf
                @method('DELETE')
                <button class="card-link btn-danger">Delete Family</button>
                </form>
            </div>
        </div>
    </div>
@endforeach
    <div>
    {{ $familys->links() }}
    </div>
@endsection
<!-- end section hanya ditulis sekali aja di paling akhir -->
```

7. Penambahan View Create Family

create.blade.php

```
@extends('layouts.app')
```

```blade
@section('title', 'Create Family')
<!-- section key, value karena section ini bukan diambil dari file tetapi dari
key-->

@section('content')

    <form action="/familys" method="POST">
        @csrf
        <div class="form-row">
            <div class="col-md-6 mb-3">
                <label for="first_name">First Name</label>
                <input type="text" class="form-control is-valid" id="first_name"
name="first_name" aria-describedby="first_name" value="{{ old('first_name') }}"
required>
                @error('first_name')
                <div class="alert alert-danger">{{ $message }}</div>
                @enderror
                <div id="first_nameFeedback" class="valid-feedback">
                    Your Name Looks good!
                </div>
            </div>
            <div class="col-md-6 mb-3">
                <label for="last_name">Last name</label>
                <input type="text" class="form-control is-valid" id="last_name"
name="last_name" aria-describedby="last_name" value="{{ old('last_name') }}"
required>
                @error('last_name')
                <div class="alert alert-danger">{{ $message }}</div>
                @enderror
                <div id="last_nameFeedback" class="valid-feedback">
                    Your Name Looks good!
                </div>
            </div>
        </div>
        <div class="form-row">
            <div class="col-md-6 mb-3">
            <label for="number_phone">Number Phone</label>
            <input type="text" class="form-control is-invalid" id="number_phone"
name="number_phone" aria-describedby="number_phone" value="{{ old('number_phone')
}}" required>
            @error('number_phone')
                <div class="alert alert-danger">{{ $message }}</div>
            @enderror
            <div id="number_phoneFeedback" class="invalid-feedback">
                Please provide a valid number.
```

```html
                </div>
            </div>
                <div class="form-row">
                <div class="col-md-6 mb-3">
                <label for="address">Address</label>
                <input type="text" class="form-control is-invalid" id="address"
name="address" aria-describedby="address" value="{{ old('address') }}" required>
                @error('address')
                    <div class="alert alert-danger">{{ $message }}</div>
                @enderror
                <div id="addressFeedback" class="invalid-feedback">
                    Please provide a valid address.
                </div>
            </div>
            </div>
                <div class="form-row">
                <div class="col-md-6 mb-3">
                <label for="email">Email</label>
                <input type="email" class="form-control is-invalid" id="email"
name="email" aria-describedby="email" value="{{ old('email') }}" required>
                @error('email')
                    <div class="alert alert-danger">{{ $message }}</div>
                @enderror
                <div id="emailFeedback" class="invalid-feedback">
                    Please provide a valid email address.
                </div>
            </div>
            </div>
            <div class="form-group">
                <div class="form-check">
                <input class="form-check-input is-invalid" type="checkbox" value=""
id="invalidCheck3" aria-describedby="invalidCheck3Feedback" required>
                <label class="form-check-label" for="invalidCheck3">
                    Agree to terms and conditions
                </label>
                <div  id="invalidCheck3Feedback" class="invalid-feedback">
                    You must agree before submitting.
                </div>
                </div>
            </div>
            <button class="btn btn-primary" type="submit">Submit form</button>
        </form>

@endsection
<!-- end section hanya ditulis sekali aja di paling akhir -->
```

8. Penambahan View Show Family

show.blade.php

```
@extends('layouts.app')

@section('title', 'Family')
<!-- section key, value karena section ini bukan diambil dari file tetapi dari
key-->

@section('content')
<!-- karena angka yang kita gunakan adalah array dalam array sehingga memerlukan
perulangan berupa foreach -->
    <div class="card border-dark mb-3" style="max-width: 30rem;">
            <div class="card-header bg-dark text-light">
                <b>Family Card</b>
            </div>
            <div class="card-body bg-dark p-2 text-dark bg-opacity-10">
                <h5 class="card-title">First Name : {{ $familys['first_name'] }}
{{ $familys['last_name'] }}</h5>
            <ul class="list-group list-group-flush">
                <li class="list-group-item">Number Phone : {{
$familys['number_phone'] }}</li>
                <li class="list-group-item">Address : {{ $familys['address']
}}</li>
                <li class="list-group-item">Email : {{ $familys['email'] }}</li>
            </ul>
            </div>
    </div>

@endsection
<!-- end section hanya ditulis sekali aja di paling akhir -->
```

9. Penambahan View Edit Family

edit.blade.php

```
@extends('layouts.app')

@section('title', 'Edit Family')
<!-- section key, value karena section ini bukan diambil dari file tetapi dari
key-->

@section('content')
```

```html
<form action="/familys/{{ $familys['id'] }}" method="POST">
    @csrf
    @method('PUT')
    <div class="form-row">
        <div class="col-md-6 mb-3">
        <label for="first_name">First Name</label>
        <input type="text" class="form-control is-valid" id="first_name"
name="first_name" aria-describedby="first_name" value="{{ old('first_name') ?
old('first_name') : $familys['first_name'] }}" required>
        @error('first_name')
            <div class="alert alert-danger">{{ $message }}</div>
        @enderror
        <div id="first_nameFeedback" class="valid-feedback">
            Your Name Looks good!
        </div>
        </div>
    </div>
    <div class="form-row">
        <div class="col-md-6 mb-3">
        <label for="last_name">Last Name</label>
        <input type="text" class="form-control is-valid" id="last_name"
name="last_name" aria-describedby="last_name" value="{{ old('last_name') ?
old('last_name') : $familys['last_name'] }}" required>
        @error('last_name')
            <div class="alert alert-danger">{{ $message }}</div>
        @enderror
        <div id="last_nameFeedback" class="valid-feedback">
            Your Name Looks good!
        </div>
        </div>
    </div>
    <div class="form-row">
        <div class="col-md-6 mb-3">
        <label for="number_phone">Number Phone</label>
        <input type="text" class="form-control is-invalid" id="number_phone"
name="number_phone" aria-describedby="number_phone" value="{{ old('number_phone')
? old('number_phone') : $familys['number_phone'] }}" required>
        @error('number_phone')
            <div class="alert alert-danger">{{ $message }}</div>
        @enderror
        <div id="number_phoneFeedback" class="invalid-feedback">
            Please provide a valid number.
        </div>
        </div>
    </div>
        <div class="form-row">
```

```blade
            <div class="col-md-6 mb-3">
            <label for="address">Address</label>
            <input type="text" class="form-control is-invalid" id="address"
name="address" aria-describedby="address" value="{{ old('address') ?
old('address') : $familys['address'] }}" required>
            @error('address')
                <div class="alert alert-danger">{{ $message }}</div>
            @enderror
            <div id="addressFeedback" class="invalid-feedback">
                Please provide a valid address.
            </div>
        </div>
        </div>
            <div class="form-row">
            <div class="col-md-6 mb-3">
            <label for="email">Email</label>
            <input type="text" class="form-control is-invalid" id="email"
name="email" aria-describedby="email" value="{{ old('email') ? old('email') :
$familys['email'] }}" required>
            @error('email')
                <div class="alert alert-danger">{{ $message }}</div>
            @enderror
            <div id="emailFeedback" class="invalid-feedback">
                Please provide a valid email address.
            </div>
        </div>
        </div>
        <div class="form-group">
            <div class="form-check">
            <input class="form-check-input is-invalid" type="checkbox" value=""
id="invalidCheck3" aria-describedby="invalidCheck3Feedback" required>
            <label class="form-check-label" for="invalidCheck3">
                Agree to terms and conditions
            </label>
            <div  id="invalidCheck3Feedback" class="invalid-feedback">
                You must agree before submitting.
            </div>
            </div>
        </div>
        <button class="btn btn-primary" type="submit">Submit form</button>
    </form>

@endsection
<!-- end section hanya ditulis sekali aja di paling akhir -->
```

10. Penggunaan Paginate yang berbeda

AppServiceProvider.php

```php
<?php

namespace App\Providers;

use Illuminate\Support\ServiceProvider;
use Illuminate\Pagination\Paginator;

class AppServiceProvider extends ServiceProvider
{
    /**
     * Register any application services.
     *
     * @return void
     */
    public function register()
    {
        //
    }

    /**
     * Bootstrap any application services.
     *
     * @return void
     */
    public function boot()
    {
        Paginator::useBootstrap();
    }
}
```

11. Penambahan Database Familys

```
-- Table structure for table `familys`
--

CREATE TABLE `familys` (
  `id` int(11) NOT NULL,
  `first_name` varchar(255) NOT NULL,
  `last_name` varchar(255) NOT NULL,
  `number_phone` int(15) NOT NULL,
```

```sql
  `address` varchar(100) NOT NULL,
  `email` varchar(100) NOT NULL,
  `created_at` timestamp NOT NULL DEFAULT current_timestamp(),
  `updated_at` timestamp NOT NULL DEFAULT current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

--
-- Dumping data for table `familys`
--

INSERT INTO `familys` (`id`, `first_name`, `last_name`, `number_phone`,
`address`, `email`, `created_at`, `updated_at`) VALUES
(1, 'Gow', 'Swei Lie', 839274678, 'Kesambi', 'gow_sweilie@gmail.com', '2021-10-18
19:55:55', '2021-10-18 19:55:55'),
(2, 'Gow', 'Ye Lie', 836742965, 'Kanoman', 'gow_yelie@gmail.com', '2021-10-18
13:53:36', '2021-10-18 13:53:36'),
(3, 'Gow', 'Sin Lie', 847291763, 'Kolektoran', 'gow_sinlie@gmail.com', '2021-10-
18 13:58:02', '2021-10-18 13:58:02'),
(4, 'Gow', 'Kim Lie', 849382761, 'Kesambi', 'gow_kimlie@gmail.com', '2021-10-18
14:00:47', '2021-10-18 14:00:47'),
(5, 'Gow', 'Beng Lie', 873619367, 'Kalijaga', 'gow_benglie@gmail.com', '2021-10-
18 14:01:55', '2021-10-18 14:01:55'),
(6, 'Gow', 'Chuan Beng', 874624986, 'Kalijaga', 'gow_chuanbeng@gmail.com', '2021-
10-18 14:02:34', '2021-10-18 14:02:34'),
(7, 'Gow', 'Sun Lie', 836962579, 'Jakarta', 'gow_sunlie@gmail.com', '2021-10-18
14:03:18', '2021-10-18 14:03:18'),
(8, 'Berthiana', 'Susanthy', 839271683, 'Kalijaga',
'berthiana_susanthy@gmail.com', '2021-10-24 16:05:34', '2021-10-24 16:05:34');
```

```sql
-- Indexes for table `familys`
--
ALTER TABLE `familys`
  ADD PRIMARY KEY (`id`),
  ADD UNIQUE KEY `last_name` (`last_name`);

--
```

```sql
-- AUTO_INCREMENT for table `familys`
--
ALTER TABLE `familys`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=9;
```

11. Mengubah Tampilan Warna Card Pada index.blade.php dan show.blade.php

```html
<div class="card border-dark mb-3" style="max-width: 20rem;">
        <div class="card-header bg-dark text-light">
                <b>MY FAMILY</b>
            </div>
        <div class="card-body bg-dark p-2 text-dark bg-opacity-10">
```

12. Menambah Groups Family

```php
@foreach ($group->familys as $familys)
                <li class="list-group-item"> {{$familys->first_name}} {{$familys->last_name}} </li>
@endforeach
```

13. Menambahkan Tampilan Home

coba.blade.php

```php
<!-- Cara memanggil app.blade.php -->

@extends('layouts.app')
<!-- extends (nama file. nama folder) -->

@section('title', 'Home')
<!-- section (key, value) karena section ini bukan diambil dari file tetapi dari
key-->

@section('content')
<!-- section untuk memanggil isi dari yield -->

<?php

//fungsi untuk merubah nama hari menjadi hari indonesia
function hari_ini()
{
    switch (date('D')) {
        case 'Sun':
            $hari = 'Minggu';
            break;
        case 'Mon':
            $hari = 'Senin';
            break;
        case 'Tue':
```

```php
            $hari = 'Selasa';
            break;
        case 'Wed':
            $hari = 'Rabu';
            break;
        case 'Thu':
            $hari = 'Kamis';
            break;
        case 'Fri':
            $hari = 'Jum\'at';
            break;
        case 'Sat':
            $hari = 'Sabtu';
            break;

        default:
            $hari = 'Hari tidak diketahui';
            break;
    }

    return $hari;
}

//fungsi untuk merubah format tanggal menjadi tanggal indonesia
function tanggal_indo()
{
    $bulan  = [1 => 'Januari', 'Februari', 'Maret', 'April', 'Mei', 'Juni',
'Juli', 'Agustus', 'September', 'Oktober', 'November', 'Desember'];

    $exp    = explode('-', date('d-m-Y'));

    return $exp[0] . ' ' . $bulan[(int) $exp[1]] . ' ' . $exp[2];
}

?>
<div class="alert alert-info" role="alert">
    <p class="mb-0 text-right"><b><i class="fa fa-calendar"></i> <?= hari_ini();
?>, <?= tanggal_indo(); ?></b></p>
    <hr>
    <h4 class="alert-heading"><i class="fa fa-info-circle"></i><b>WELCOME TO
WEBSITE LARAVEL PERTAMA SAYA</b></h4>
    <p class="mb-5" style="font-size: 16px;">Now You Are Login As <b>ANITA INDAH
PERMATA SARI</b> With Level <b>ADMIN</b></p>
</div>
@endsection
```