

QUIZ
PEMROGRAMAN BERBASIS WEB LANJUTAN



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UIN SUMATERA UTARA MEDAN
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1. Menjalankan Perintah

a. Perintah Tb Users

```
CREATE TABLE `tb_users` (  
  
  `user_id` int(11) NOT NULL,  
  
  `user_email` varchar(50) NOT NULL,  
  
  `user_password` varchar(100) NOT NULL,  
  
  `user_nama` varchar(100) NOT NULL,  
  
  `user_alamat` text NOT NULL,  
  
  `user_hp` varchar(25) NOT NULL,  
  
  `user_pos` varchar(5) NOT NULL,  
  
  `user_role` tinyint(2) NOT NULL,  
  
  `user_aktif` tinyint(2) NOT NULL,  
  
  `created_at` timestamp NOT NULL DEFAULT current_timestamp() ON UPDATE  
current_timestamp(),  
  
  `updated_at` datetime NOT NULL  
  
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;
```

b. Perintah Tb Pelanggan

```
CREATE TABLE `tb_pelanggan` (  
  
  `pel_id` int(11) NOT NULL,  
  
  `pel_id_gol` tinyint(3) NOT NULL,  
  
  `pel_no` varchar(20) NOT NULL,  
  
  `pel_nama` varchar(50) NOT NULL,
```

```

`pel_alamat` text NOT NULL,

`pel_hp` varchar(20) NOT NULL,

`pel_ktp` varchar(50) NOT NULL,

`pel_seri` varchar(50) NOT NULL,

`pel_meteran` int(11) NOT NULL,

`pel_aktif` enum('Y','N') NOT NULL,

`pel_id_user` int(11) NOT NULL,

`created_at` timestamp NOT NULL DEFAULT current_timestamp() ON UPDATE
current_timestamp(),

`updated_at` datetime NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

```

c. Perintah Tb Golongan

```

CREATE TABLE `tb_golongan` (

`gol_id` tinyint(3) NOT NULL,

`gol_kode` varchar(10) NOT NULL,

`gol_nama` varchar(50) NOT NULL,

`created_at` timestamp NOT NULL DEFAULT current_timestamp() ON UPDATE
current_timestamp(),

`upated_at` datetime NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

```

d. Perintah Saling Menghubungkan Table

```

ALTER TABLE `tb_pelanggan`

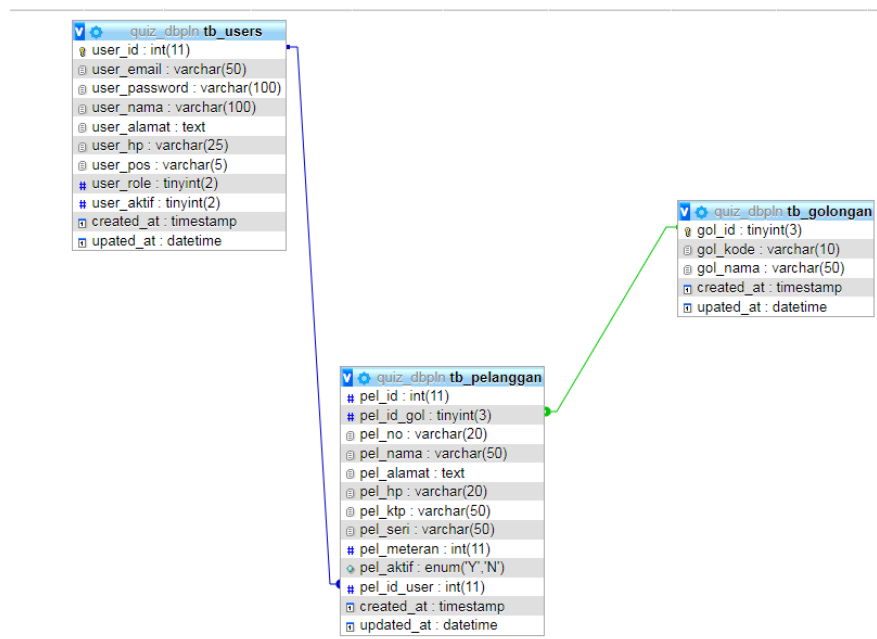
```

```
ADD CONSTRAINT `tb_pelanggan_ibfk_1` FOREIGN KEY (`pel_id_gol`) REFERENCES  
`tb_golongan` (`gol_id`) ON DELETE CASCADE ON UPDATE CASCADE;
```

```
ADD CONSTRAINT `tb_pelanggan_ibfk_2` FOREIGN KEY (`pel_id_user`) REFERENCES  
`tb_users` (`user_id`) ON DELETE CASCADE ON UPDATE CASCADE;
```

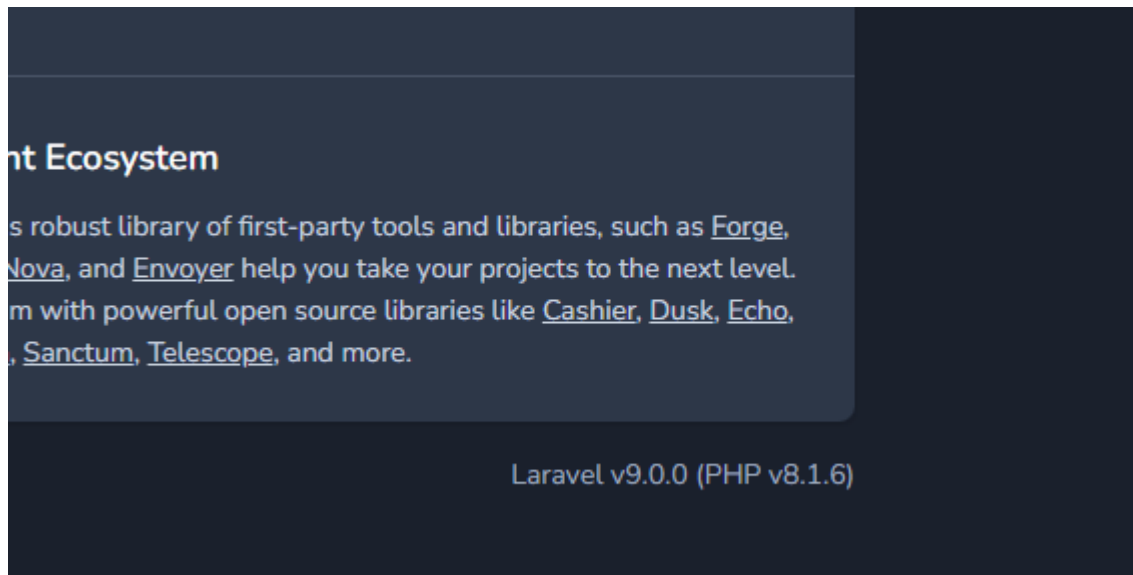
COMMIT

2. Design Database Menggunakan Mysql :



3. Desainsistem sederhana menggunakan Laravel 9 dan dilengkapi layout tampilan menggunakanCSS Framework Bootstrap, dimana sistem mampu untuk input data, menampilkan data, editdata dan menghapus data. Sistem juga dilindungi dengan halaman Login dan Logout.

4. Laravel Versi 9



5. Halaman Login dan Source Code Pada tampilan View:

Login

Email Address

Password

☐ Remember Me

Login

[Forgot Your Password?](#)

Halaman login menggunakan framework dari laravel.

-Halaman Register

Register

Name

Email Address

Password

Confirm Password

Register

Halaman Register Menggunakan Framework bawaan dari laravel.

-Halaman Dashboard

Dashboard

You are logged in!

-Source codee view

```
<?php $__env->startSection('content'); ?>
<div class="container">
    <div class="row justify-content-center">
        <div class="col-md-8">
            <div class="card">
                <div class="card-header"><?php echo e(__('Dashboard')); ?></div>
                <div class="card-body">
                    <?php if(session('status')): ?>
                        <div class="alert alert-success" role="alert">
                            <?php echo e(session('status')); ?>
                        </div>
                    <?php endif; ?>
                    <?php echo e(__('You are logged in!')); ?>
                </div>
            </div>
        </div>
    </div>
</div>
<?php $__env->stopSection(); ?>
```

-Source Code Controllers

```

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class HomeController extends Controller
{
    /**
     * Create a new controller instance.
     *
     * @return void
     */
    public function __construct()
    {
        $this->middleware('auth');
    }

    /**
     * Show the application dashboard.
     *
     * @return \Illuminate\Contracts\Support\Renderable
     */
    public function index()
    {
        return view('home');
    }
}

```

6. Halaman Data Golongan dan Source Code Pada Tampilan View :

Tambah Data				
No.	Kode Golongan	Nama Golongan	Action	
1	001	Golongan 1	Edit	Hapus
2	002	Golongan 2	Edit	Hapus
3	003	Golongan 3	Edit	Hapus

Halaman golongan merupakan halaman untuk menambahkan data golongan dengan menginputkan kode dan nama, pada halaman ini pengguna juga dapat menghapus data golongan serta mengeditnya.

-Source models

```

<?php

namespace App\Models;

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

class Golongan extends Model
{
    use HasFactory;

    protected $table = "tb_golongan";

    protected $primaryKey = 'gol_id';

    protected $guarded = [];
}

```

-Source code pada controllers

```

<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use App\Models\Golongan;
use Illuminate\Support\Facades\Storage;
class GolonganController extends Controller
{
    /**
     * Display a listing of the resource.
     *
     * @return \Illuminate\Http\Response
     */
    public function index()
    {
        $rows = Golongan::all();

        return view('golongan.index', compact('rows'));
    }

    /**
     * Show the form for creating a new resource.
     *
     * @return \Illuminate\Http\Response
     */
    public function create()
    {
        return view('golongan.create');
    }
}

```

-Source code view


```

<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>Data Golongan</title>
  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css" id="bootstrap-css">
</head>
<body>
<div class="container mt-5">
  <div class="row">
    <div class="col-md-12">
      <div class="card border-0 shadow rounded">
        <div class="card-body">
          <a class="btn btn-success" href="{{ url('golongan/create') }}"> Tambah Data </a>
          <table class="table table-bordered">
            <thead>
              <tr>
                <th width="40px"><b>No.</b></th>
                <td>Kode Golongan</td>
                <td>Nama Golongan</td>
                <th width="210px" colspan="2">Action</th>
              </tr>
            </thead>
          </table>
          <?php $no=1;
          ?>
        </div>
      </div>
    </div>
  </div>
</body>
</html>

```

7. Tampilan Halaman Golongan

- Halaman Create Data Golongan

Kode Golongan

Nama Golongan

Kembali

Tambah

-Source code Controller

```

public function index()
{
    $rows = Golongan::all();

    return view('golongan.index', compact('rows'));
}

/**
 * Show the form for creating a new resource.
 *
 * @return \Illuminate\Http\Response
 */
public function create()
{
    return view('golongan.create');
}

/**
 * Store a newly created resource in storage.
 *
 * @param \Illuminate\Http\Request $request
 * @return \Illuminate\Http\Response
 */
public function store(Request $request)
{

```

-Halaman edit golongan

Edit Data Golongan

Kode Golongan	<input type="text" value="002"/>
Nama Golongan	<input type="text" value="Golongan 2"/>

KembaliEdit

-source code view

```
<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>Data Golongan</title>
  <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css" />
</head>
<body>
  <div class="container">
    <div class="form-row">
      <div class="col-lg-12">
        <h3>Edit Data Golongan</h3>
      </div>
    </div>
    <br>
    <?php if($errors->all()): ?>
      <div class="alert alert-danger">
        <strong>Whoops! </strong> Ada permasalahan inputanmu.<br>
        <ul>
          <?php $__currentLoopData = $errors; $__env->addLoop($__currentLoopData); foreach($__currentLoopData as $error): ?>
            <li><?php echo e($error); ?></li>
          <?php endforeach; $__env->popLoop(); $loop = $__env->getLastLoop(); ?>
        </ul>
      </div>
    <?php endif; ?>
    <form action="<?php echo e(url('/golongan/' . $row->gol_id)); ?>" method="post" enctype="multipart/form-data">
      <input type="text" value="002">
    </form>
  </div>
</body>
</html>
```

8. Source Code Data Pelanggan

-Controller

```
namespace App\Http\Controllers;

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

class PelangganController extends Controller
{
    /**
     * Display a listing of the resource.
     *
     * @return \Illuminate\Http\Response
     */
    public function index()
    {
        $rows = Pelanggan::all();
        return view('pelanggan.index', compact('rows'));
    }

    /**
     * Show the form for creating a new resource.
     *
     * @return \Illuminate\Http\Response
     */
    public function create()
    {
        return view('pelanggan.create');
    }
}
```

-View

```

@extends('layouts.app')
@section('content')

<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>Data pelanggan</title>
    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css" >
  </head>
  <body>
<div class="container mt-5">
  <div class="row">
    <div class="col-md-12">
      <div class="card border-0 shadow rounded">
        <div class="col-lg-12">
          <h3>Tambah Data Users</h3>
        </div>
        <div class="card-body">
          <form action="{{ url('/pelanggan') }}" method="POST" enctype="multipart/form-data">
            @csrf
            <div class="form-group row">
              <label for="pel_id_gol" class="col-sm-2 col-form-label">ID Golongan</label>
              <div class="col-sm-10">
                <input type="text" name="pel_id_gol" class="form-control" id="pel_id_gol" >
              </div>
            </div>
            <div class="form-group row">
              <label for="kode" class="col-sm-2 col-form-label">Nomor Pelanggan</label>
              <div class="col-sm-10">
                <input type="text" name="pel_no" class="form-control" id="pel_nama" >
              </div>
            </div>
          </form>
        </div>
      </div>
    </div>
  </div>
</div>

```

9. Upload tugas ke github, cantumkan url git anda dibagian akhir laporan.

https://github.com/devprni/quiz_devi