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Praktikum Pemrograman Web Topic 14 Tugas Besar 20220627

Aplikasi: Personal Profile
github: https://github.com/man20820/pweb/tree/personal-profile

Pendahuluan

Website profile adalah website yang dibuat untuk menampilkan informasi informasi pribadi mengenai suatu orang dengan tujuan pengunjung bisa mengenali orang tersebut lebih detail. Website profile juga bisa kita gunakan untuk menampilkan / promosi diri seseorang atau hasil karya yang unik untuk menarik perhatian lebih luas.

Website profile yang akan saya bangun akan menggunakan framework php codeigniter 4.

Peta Situs

Codeigniter
- Controller
    - Hello
    - Home
- Model
    - Hello
    - Home
- View
    - Dashboard
        - php file
    - Admin
        - php file

Basis data

Untuk pembuatan tabel pada basis data, saya menggunakan fitur bawaan codeigniter yaitu migration.

```php
<?php

namespace App\Database\Migrations;

use CodeIgniter\Database\Migration;

class Profiles extends Migration
{
```

```php
    public function up()
    {
        $fields = [
            'id'            => ['type' => 'int', 'constraint' => 11, 'unsigned' => true,
'auto_increment' => true],
            'about'   => ['type' => 'varchar', 'constraint' => 255, 'null' => true],
            'skills'   => ['type' => 'int', 'constraint' => 11, 'null' => true],
            'jobs'   => ['type' => 'int', 'constraint' => 11, 'null' => true],
        ];
        $this->forge->addField($fields);
        $this->forge->addKey('id', true);
        $this->forge->createTable('profiles');

        $fields = [
            'id'            => ['type' => 'int', 'constraint' => 11, 'unsigned' => true,
'auto_increment' => true],
            'profile_id'             => ['type' => 'int', 'constraint' => 11, 'unsigned' => true],
            'skill'   => ['type' => 'varchar', 'constraint' => 255, 'null' => true],
            'description'   => ['type' => 'varchar', 'constraint' => 255, 'null' => true],
        ];
        $this->forge->addField($fields);
        $this->forge->addKey('id', true);
        $this->forge->addForeignKey('profile_id', 'profiles', 'id');
        $this->forge->createTable('skills');

        $fields = [
            'id'            => ['type' => 'int', 'constraint' => 11, 'unsigned' => true,
'auto_increment' => true],
            'profile_id'             => ['type' => 'int', 'constraint' => 11, 'unsigned' => true],
            'job'   => ['type' => 'varchar', 'constraint' => 255, 'null' => true],
            'description'   => ['type' => 'varchar', 'constraint' => 255, 'null' => true],
        ];
        $this->forge->addField($fields);
        $this->forge->addKey('id', true);
        $this->forge->addForeignKey('profile_id', 'profiles', 'id');
        $this->forge->createTable('jobs');
    }

    public function down()
    {
        $this->forge->dropTable('profiles');
        $this->forge->dropTable('skills');
        $this->forge->dropTable('jobs');
    }
}
```
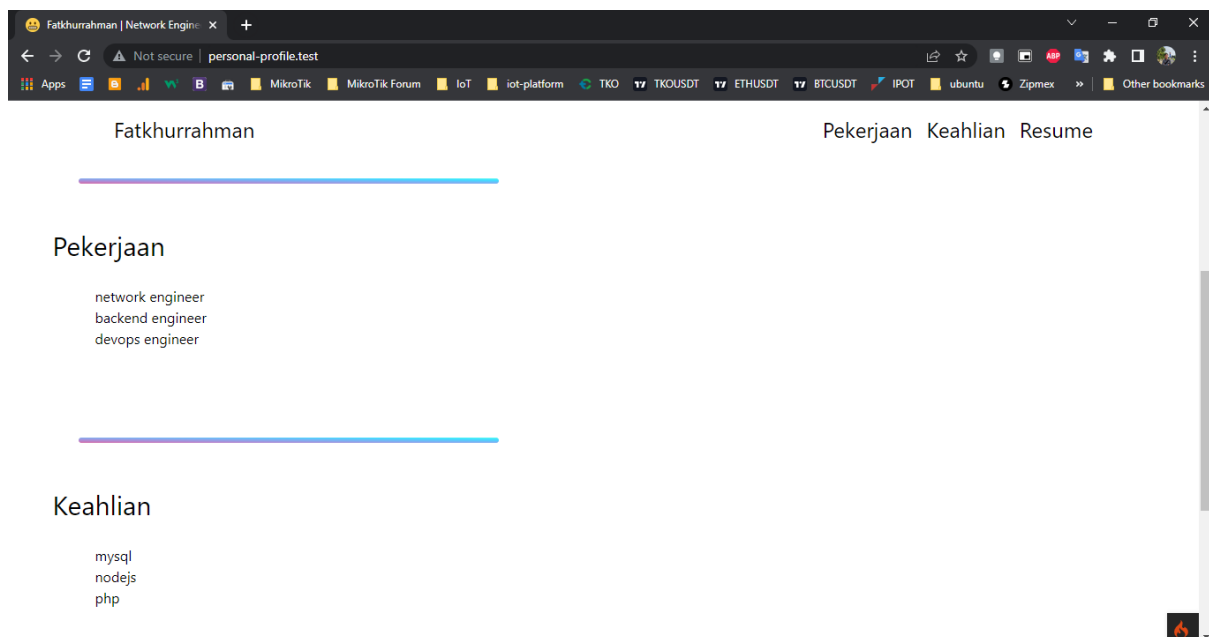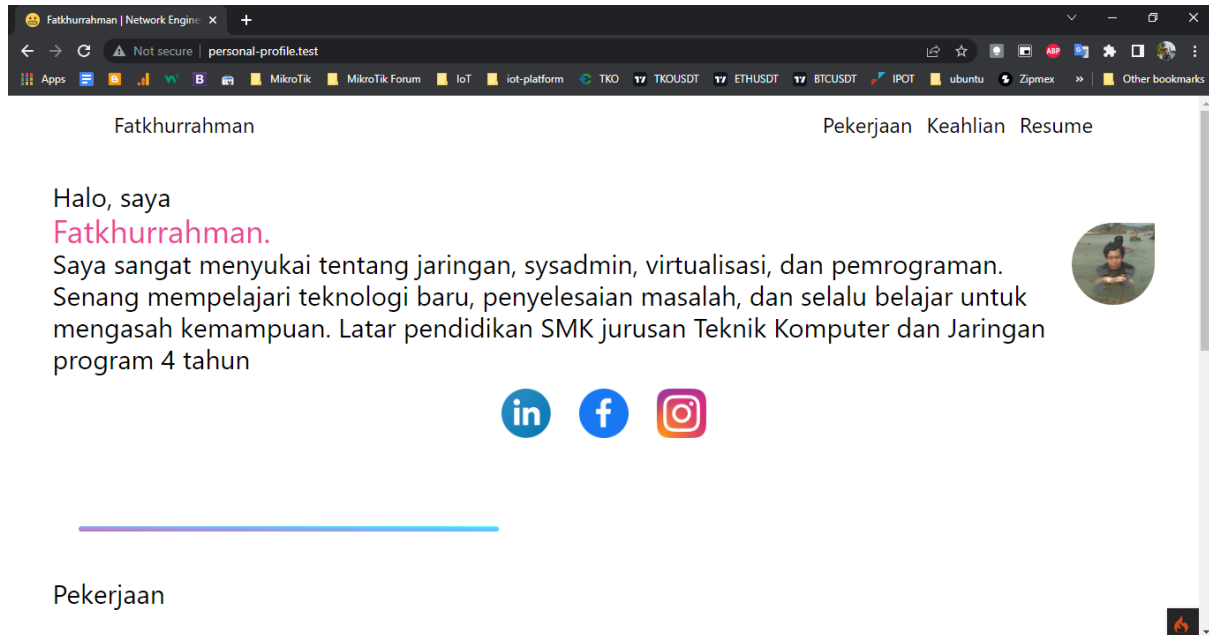
Tangkapan layar

Pemasangan Codeigniter

Untuk pemasangan codeigniter saya menggunakan composer.
dokumentasi: https://codeigniter.com/user_guide/installation/installing_composer.html
perintah:
composer create-project codeigniter4/appstarter personal-profile

Pasang dependensi

Untuk fungsi login, saya menggunakan package myth auth.

Atur Route

```
$routes->get('/', 'Home::index');
$routes->get('/admin', 'Hello::admin', ['filter' => 'login']);
$routes->get('/admin/edit', 'Hello::edit', ['filter' => 'login']);
```

Atur Controller

```
man20820@manlaptop:~/www/personal-profile/app/Controllers$ tree
.
├── BaseController.php
├── Hello.php
├── Home.php
└── Login.php
```

Atur Model

```
man20820@manlaptop:~/www/personal-profile/app/Models$ tree
.
├── Hello_model.php
└── ProfileModel.php
```

Atur View

Menggunakan template

```
man20820@manlaptop:~/www/personal-profile/app/Views$ tree
.
├── dashboard
│   └── admin_view.php
├── errors
│   ├── cli
│   │   ├── error_404.php
│   │   ├── error_exception.php
```

```
│   │       └── production.php
│   └── html
│       ├── debug.css
│       ├── debug.js
│       ├── error_404.php
│       ├── error_exception.php
│       └── production.php
├── hello_view.php
├── home
│   ├── hello.php
│   └── index.php
├── login_form_view.php
├── login_success_view.php
└── welcome_message.php
```