LAPORAN PRAKTIKUM
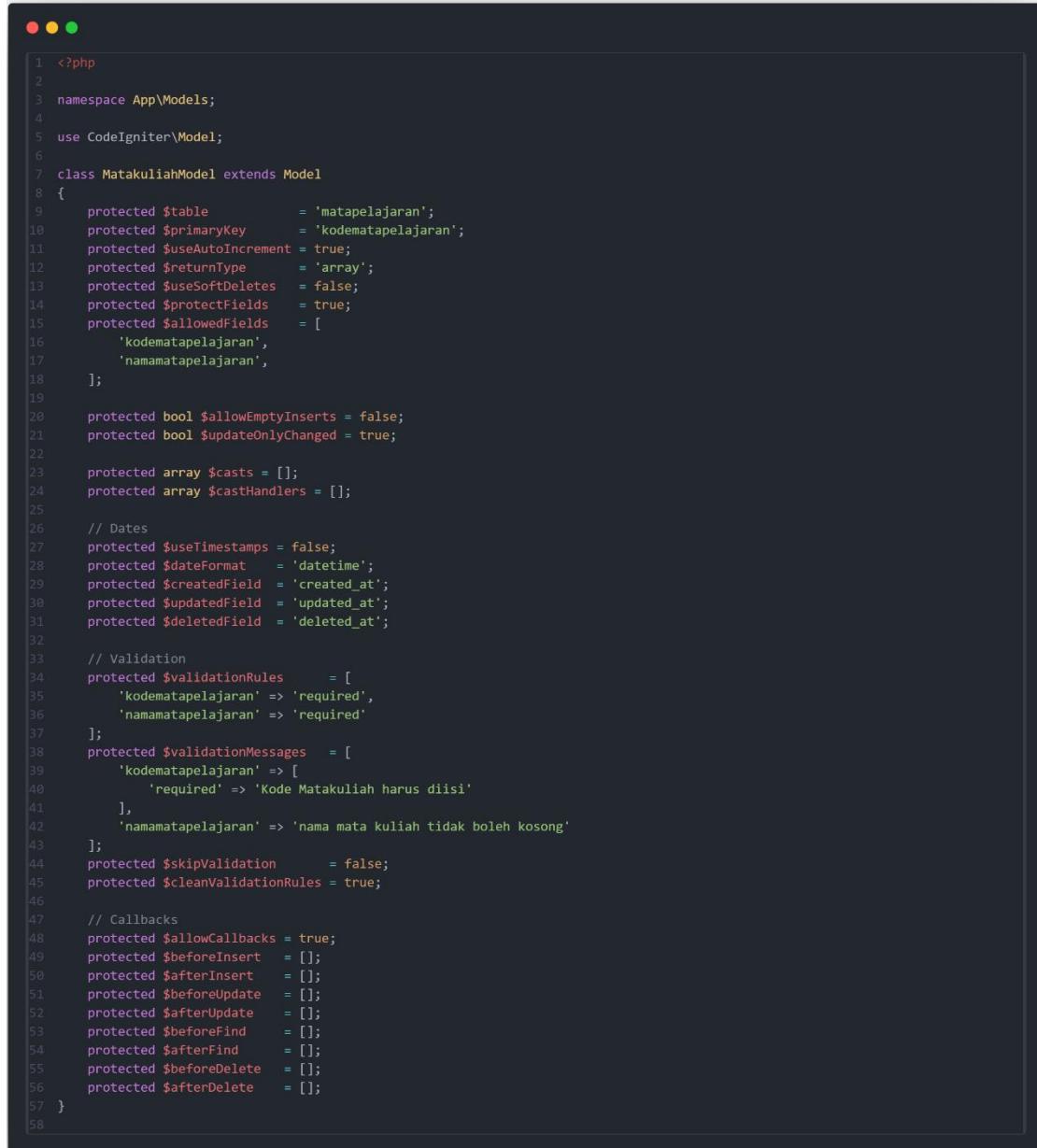# MATA KULIAH PEMROGRAMAN MOBILE

UNIVERSITAS
AMIKOM PURWOKERTO

Oleh :

NAMA: FAJAR RAMADHAN

NIM: 23SA31A065

PROGRAM STUDI TEKNOLOGI INFORMASI

FAKULTAS ILMU KOMPUTER

UNIVERSITAS AMIKOM

PURWOKERTO

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PERTEMUAN 12 LATIHAN MENAMBAH FIELD

1. Model untuk menambah field mata kuliah

```php
<?php

namespace App\Models;

use CodeIgniter\Model;

class MatakuliahModel extends Model
{
    protected $table            = 'matapelajaran';
    protected $primaryKey       = 'kodematapelajaran';
    protected $useAutoIncrement = true;
    protected $returnType       = 'array';
    protected $useSoftDeletes   = false;
    protected $protectFields    = true;
    protected $allowedFields    = [
        'kodematapelajaran',
        'namamatapelajaran',
    ];

    protected bool $allowEmptyInserts = false;
    protected bool $updateOnlyChanged = true;

    protected array $casts = [];
    protected array $castHandlers = [];

    // Dates
    protected $useTimestamps = false;
    protected $dateFormat    = 'datetime';
    protected $createdField  = 'created_at';
    protected $updatedField  = 'updated_at';
    protected $deletedField  = 'deleted_at';

    // Validation
    protected $validationRules      = [
        'kodematapelajaran' => 'required',
        'namamatapelajaran' => 'required'
    ];
    protected $validationMessages   = [
        'kodematapelajaran' => [
            'required' => 'Kode Matakuliah harus diisi'
        ],
        'namamatapelajaran' => 'nama mata kuliah tidak boleh kosong'
    ];
    protected $skipValidation       = false;
    protected $cleanValidationRules = true;

    // Callbacks
    protected $allowCallbacks = true;
    protected $beforeInsert   = [];
    protected $afterInsert    = [];
    protected $beforeUpdate   = [];
    protected $afterUpdate    = [];
    protected $beforeFind     = [];
    protected $afterFind      = [];
    protected $beforeDelete   = [];
    protected $afterDelete    = [];
}
```

2. Kode untuk Controller tabel matakuliah

```php
    public function create()
    {
        $data = $this->request->getPost();
        // $data = $this->request->getJSON(true);
        $pendaftaran = new \App\Entities\Pendaftaran();
        $pendaftaran->fill($data);
        if (!$this->validate($this->model->validationRules, $this->model->validationMessages)) {
            return $this->fail($this->validator->getErrors());
        }

        if ($this->model->save($pendaftaran)) {
            return $this->respondCreated($data);
        }
    }
```

3. Kode untuk Routes tabel mata kuliah

```php
<?php

use CodeIgniter\Router\RouteCollection;

/**
 * @var RouteCollection $routes
 */
$routes->get('/', 'Home::index');
$routes->resource('pendaftaran');
$routes->resource('matakuliah');
```

4. Hasil post request

HTTP pmo10 / **validasi rest PMO**

POST ∨ http://localhost:8080/matakuliah

Params Authorization Headers (10) Body ● Scripts Tests Settings

○ none ○ form-data ● x-www-form-urlencoded ○ raw ○ binary ○ GraphQL

	Key	Value
☑	kodematapelajaran	PMO
☑	namamatapelajaran	P. Mobile
☐	no_telpon	09128192912

Body Cookies Headers (8) Test Results

{ } JSON ∨   ▷ Preview   Visualize   ∨

```json
1  {
2      "kodematapelajaran": "PMO",
3      "namamatapelajaran": "P. Mobile"
4  }
```