

#### **JOBSHEET 11: RESTFUL API 2**

Mata Kuliah Pemrograman Web Lanjut

Maret 2025

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#### **LEMBAR JAWABAN JOBSHEET**

Praktikum 1 – Implementasi Eloquent Accessor

Tambahkan kolom image ke table m\_user

```
php artisan make:migration add_image_to_m_user_table
```



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### Jalankan migration

```
λ php artisan migrate
```

### Tambahkan kode untuk image

```
UserModel.php

protected $fillable = [
    'level_id',
    'username',
    'nama',
    'password',
    'image',
];
```

```
UserModel.php

public function image()
{
    return Attribute::make(
        get: fn ($image) => url( path: '/storage/posts/' . $image),
    );
}
```



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```
RegisterController.php
     public function __invoke(Request $request)
         $validator = Validator::make($request->all(), [
             'username' => 'required',
              'nama' => 'required',
             'password' => 'required|min:5|confirmed',
             'level_id' => 'required',
             'image' => 'required'
         1);
           if validation fails
         if ($validator->fails()) {
             return response()->json($validator->errors(), status: 422);
           create user
         $user = UserModel::create([
             'username' => $request->username,
             'password' => bcrypt($request->password),
             'level_id' => $request->level_id,
             'image' => $request->image,
         ]);
           return response JSON user is created
         if ($user) {
             return response()->json([
                 'success' => true,
             ], status: 201);
         return response()->json([
         ], status: 409);
```

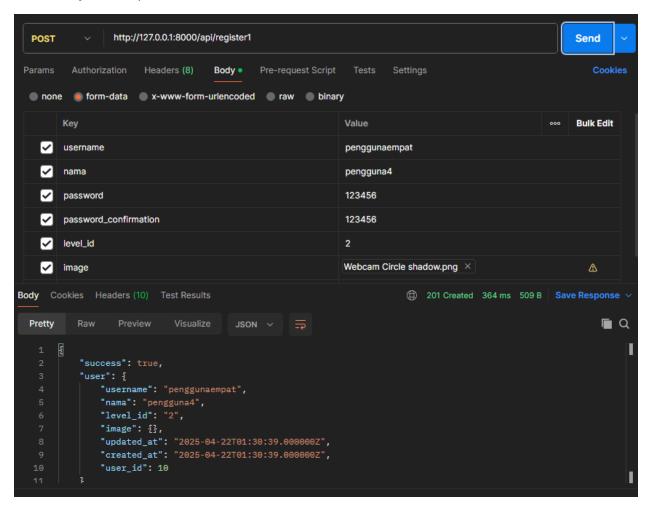


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### Lakukan ujicoba di postman





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Modifikasi untuk create image

```
RegisterController.php

$user = UserModel::create([
    'username' => $request->username,
    'nama' => $request->nama,
    'password' => bcrypt($request->password),
    'level_id' => $request->level_id,
    'image' => $request->image->hashName(),
]);
```

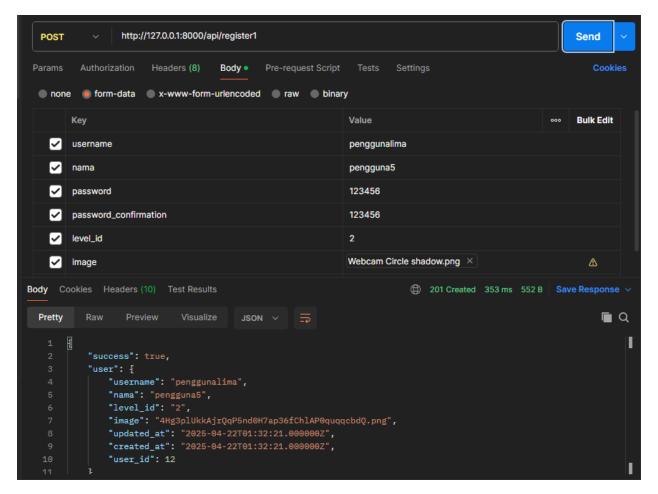
Output yang dihasilkan image menghasilkan string yang sudah di hash



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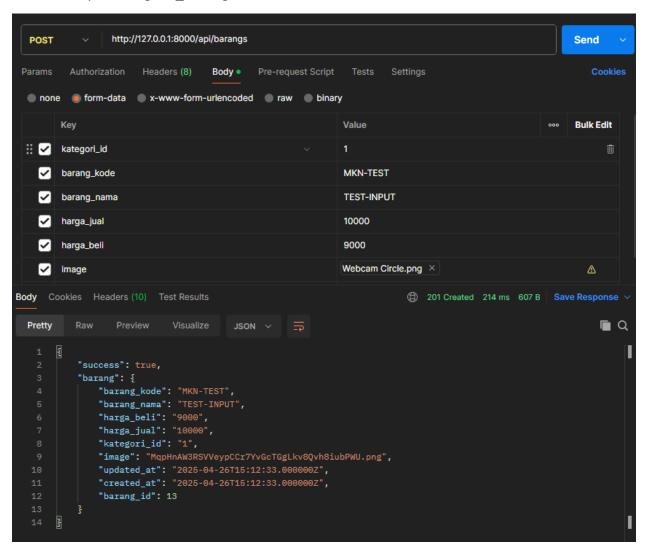
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#### **Tugas**

Melakukan post image m\_barang





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#### Get m\_barang

```
http://127.0.0.1:8000/api/barangs
  GET
                                                                                                              Send
 Params
          Authorization Headers (8) Body •
                                               Pre-request Script
                                                                          Settings
                                                                                                                 Cookies
Body Cookies Headers (10) Test Results
                                                                               (f) 200 OK 141 ms 2.41 KB Save Response >
                                                                                                                   ■ Q
  Pretty
                              Visualize
                                          JSON V
                    "barang_id": 10,
                    "kategori_id": 5,
                    "barang_kode": "SBS-001",
                    "barang_nama": "Sosis Ayam",
                    "harga_beli": 6000,
                    "harga_jual": 8000,
                    "created_at": null,
                    "updated_at": null,
                    "image": ""
                    "barang_id": 11,
                    "kategori_id": 1,
                    "barang_kode": "MKN-0003",
                    "barang_nama": "Gorengan",
                    "harga_beli": 1000,
                    "harga_jual": 2000,
                    "created_at": "2025-04-14T01:07:54.000000Z",
                    "updated_at": "2025-04-14T01:07:54.000000Z",
                    "image": "
                    "barang_id": 13,
                    "kategori_id": 1,
                    "barang_kode": "MKN-TEST",
                    "barang_nama": "TEST-INPUT",
                    "harga_beli": 9000,
                    "harga_jual": 10000,
                    "created_at": "2025-04-26T15:12:33.000000Z",
                    "updated_at": "2025-04-26T15:12:33.000000Z",
                    "image": "MqpHnAW3RSVVeypCCr7YvGcTGgLkv8Qvh8iubPWU.png"
```