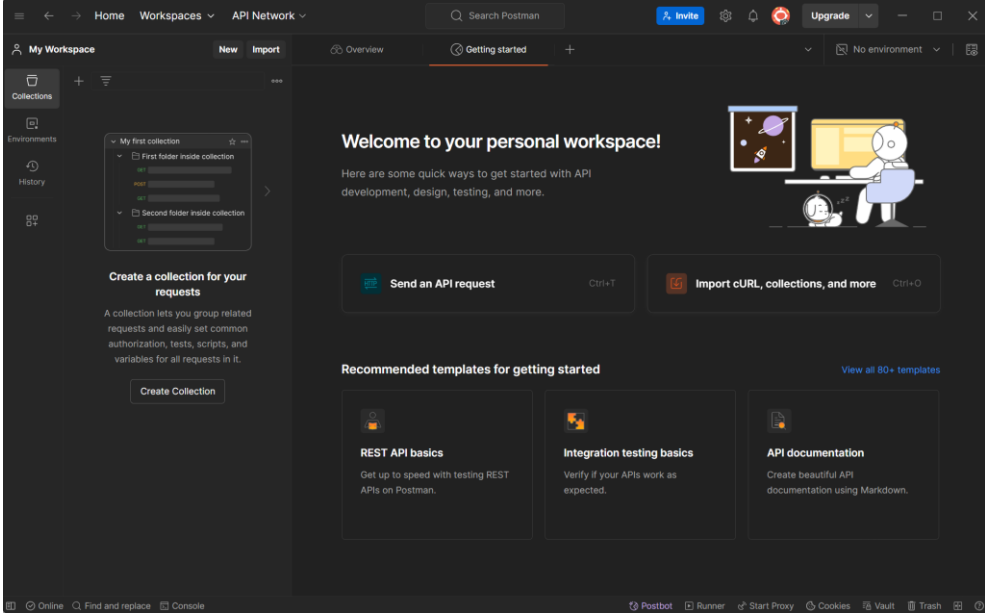Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-11: RESTFUL API 2
Mata Kuliah Pemrograman Web Lanjut
Mei 2024

Nama	:	Byan Nur Cahyo
Nim	:	2241720134
Kelas	:	TI – 2H

Tulislah Jawaban Pada Kolom Yang tersedia di bawah ini :

LEMBAR JAWABAN JOBSHEET-11

Soal No	Jawaban
A	**Implementasi Eloquent Accessor**
1	
2	

3

```php
database > migrations > 🐘 2024_05_15_064716_add_image_to_m_user_table.php > ...
1    <?php
2
3    use Illuminate\Database\Migrations\Migration;
4    use Illuminate\Database\Schema\Blueprint;
5    use Illuminate\Support\Facades\Schema;
6
7    return new class extends Migration
8    {
9        /**
10        *  Run the migrations.
11        */
12        public function up(): void
13        {
14            Schema::table('m_user', function (Blueprint $table) {
15                $table->string('image');
16            });
17        }
18
19        /**
20        *  Reverse the migrations.
21        */
22        public function down(): void
23        {
24            Schema::table('m_user', function (Blueprint $table) {
25                $table->dropColumn('image');
26            });
27        }
28    }
```

4

```
PS C:\laragon\www\PWL_POS> php artisan migrate

  INFO  Running migrations.

  2014_10_12_100000_create_password_resets_table ........................................... 100ms DONE
  2024_04_03_015830_m_user_table ............................................................ 66ms DONE
  2024_05_15_064716_add_image_to_m_user_table .............................................. 13ms DONE

PS C:\laragon\www\PWL_POS>
```

5

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

    public function level()
    {
        return $this->belongsTo(LevelModel::class, 'level_id', 'level_id');
    }

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

| 6 | ```php
app > Http > Controllers > Api > RegisterController.php > PHP Intelephense > RegisterController > __invoke
1   <?php
2
3   namespace App\Http\Controllers\Api;
4
5   use App\Http\Controllers\Controller;
6   use Illuminate\Http\Request;
7   use App\Models\UserModel;
8   use Illuminate\Support\Facades\Validator;
9
10  class RegisterController extends Controller
11  {
12      public function __invoke(Request $request)
13      {
14          // set validation
15          $validator = Validator::make($request->all(), [
16              'username' => 'required',
17              'nama' => 'required',
18              'password' => 'required|min:5|confirmed',
19              'level_id' => 'required',
20              'image' => 'required'
21          ]);
``` |
| 7 | ```php
            'image' => 'required|image|mimes:jpeg,png,jpg,gif,svg|max:2048'
``` |
| 8 | ```php
Route::post('/register1', RegisterController::class)->name('register1');
``` |

9	
| 10 | ```php
$image = $request->file('image');
//create user
$user = UserModel::create([
    'username' => $request->username,
    'nama' => $request->nama,
    'password' => bcrypt($request->password),
    'level_id' => $request->level_id,
    'image' => $image->hashName(),
]);
``` |

11	
	Perbedaannya terletak pada patch image.
B	**Tugas**
1	

2

```php
database > migrations > 🐘 2024_05_15_073040_add_image_to_m_barang_table.php > ...
  1   <?php
  2
  3   use Illuminate\Database\Migrations\Migration;
  4   use Illuminate\Database\Schema\Blueprint;
  5   use Illuminate\Support\Facades\Schema;
  6
  7   return new class extends Migration
  8   {
  9       public function up(): void
 10       {
 11           Schema::table('m_barang', function (Blueprint $table) {
 12               $table->string('image');
 13           });
 14       }
 15
 16       public function down(): void
 17       {
 18           Schema::table('m_barang', function (Blueprint $table) {
 19               $table->dropColumn('image');
 20           });
 21       }
 22   }
```

3

```
PS C:\laragon\www\PWL_POS> php artisan migrate

   INFO  Running migrations.

  2024_05_15_073040_add_image_to_m_barang_table ........................................... 17ms DONE

PS C:\laragon\www\PWL_POS>
```

4

```php
Route::post('/barang', [BarangController::class, 'store']);
```

5 | Post :

6	Get :