

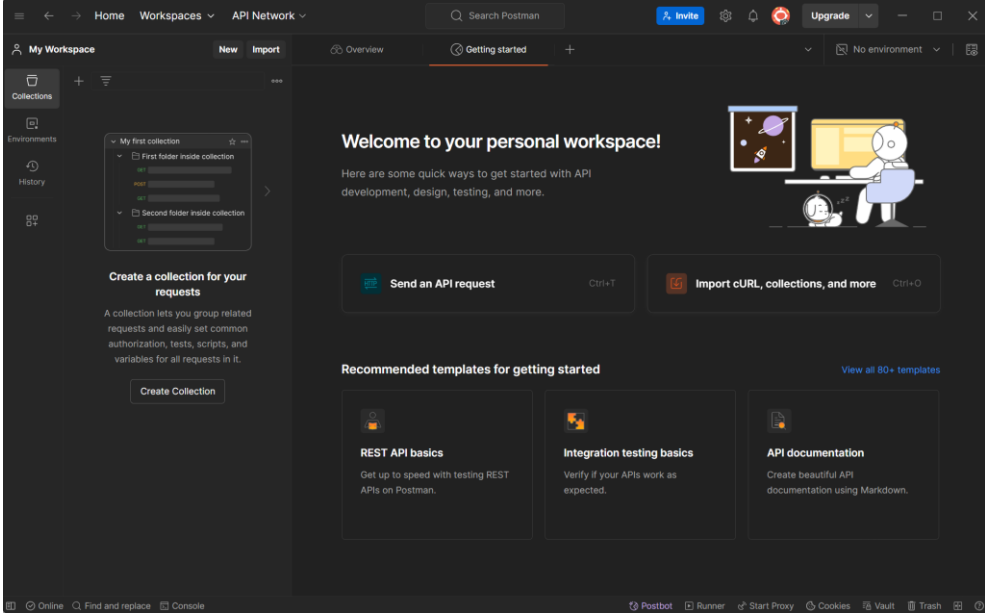


Jurusan Teknologi Informasi Politeknik Negeri Malang
Jobsheet-11: RESTFUL API 2
Mata Kuliah Pemrograman Web Lanjut
Mei 2024

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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	<pre>PS C:\laragon\www\PWL_POS> php artisan make:migration add_image_to_m_user_table [INFO] Migration [C:\laragon\www\PWL_POS\database\Migrations\2024_05_15_064716_add_image_to_m_user_table.php] created successfully. PS C:\laragon\www\PWL_POS></pre>



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3	<pre>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 }</pre>
4	<pre>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></pre>
5	<pre>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),); }</pre>



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6	<pre>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]);</pre>
7	<pre> 'image' => 'required image mimes:jpeg,png,jpg,gif,svg max:2048'</pre>
8	<pre>Route::post('/register1', RegisterController::class)->name('register1');</pre>



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9	<pre>1 { 2 "success": true, 3 "user": { 4 "username": "penggunaempat", 5 "nama": "pengguna4", 6 "password": "\$2y\$12\$b6fUHqERwsU0aMjDUwtecuLp2Hdxvt0IQ932Jr37ApbJqHdNE/OLi", 7 "level_id": "2", 8 "image": "http://127.0.0.1:8000/storage/posts/C:\\Users\\accioxt\\AppData\\Local\\Temp\\php1696.tmp", 9 "updated_at": "2024-05-15T07:16:21.000000Z", 10 "created_at": "2024-05-15T07:16:21.000000Z", 11 "user_id": 22 12 }</pre>
10	<pre>\$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(),]);</pre>



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11	<p>Perbedaannya terletak pada patch image.</p>
B	Tugas
1	<pre>PS C:\laragon\www\PWL_POS> php artisan make:migration add_image_to_m_barang_table</pre> <p>INFO Migration [C:\laragon\www\PWL_POS\database\Migrations\2024_05_15_073040_add_image_to_m_barang_table.php] created successfully.</p> <pre>PS C:\laragon\www\PWL_POS></pre>



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2	<pre>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 }</pre>
3	<pre>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></pre>
4	<pre>Route::post('/barang', [BarangController::class, 'store']);</pre>



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5 Post :

127.0.0.1:8000/api/barang

POST 127.0.0.1:8000/api/barang

Params Authorization Headers (8) **Body** Scripts Settings Cookies

☐ none ☒ form-data ☐ x-www-form-urlencoded ☐ raw ☐ binary ☐ GraphQL

	Key	Value	Description	...	Bulk Edit
<input checked="" type="checkbox"/>	kategori_id	Text 1			
<input checked="" type="checkbox"/>	barang_kode	Text 13			
<input checked="" type="checkbox"/>	barang_nama	Text Penghapus			
<input checked="" type="checkbox"/>	harga_beli	Text 2300			
<input checked="" type="checkbox"/>	harga_jual	Text 2500			
<input checked="" type="checkbox"/>	image	File fabercastel.jpeg			
	Key	Text Value	Description		

Body Cookies Headers (9) Test Results 200 OK 288 ms 607 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "status_code": 201,
3   "data": {
4     "kategori_id": "1",
5     "barang_kode": "13",
6     "barang_nama": "Penghapus",
7     "harga_beli": "2300",
8     "harga_jual": "2500",
9     "image": "http://127.0.0.1:8000/storage/posts/C:\\Users\\accioxt\\AppData\\Local\\Temp\\phpED8A.tmp",
10    "updated_at": "2024-05-15T07:43:29.000000Z",
11    "created_at": "2024-05-15T07:43:29.000000Z",
12    "barang_id": 14
  }
}
```



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6 Get :

The screenshot shows a REST client interface with the following details:

- URL:** 127.0.0.1:8000/api/barang/14
- Method:** GET
- Response Status:** 200 OK, 218 ms, 776 B
- Response Body (JSON):**

```
{
  "status_code": 200,
  "data": {
    "barang_id": 14,
    "kategori_id": 1,
    "barang_kode": "13",
    "barang_nama": "Penghapus",
    "harga_beli": 2300,
    "harga_jual": 2500,
    "created_at": "2024-05-15T07:43:29.000000Z",
    "updated_at": "2024-05-15T07:43:29.000000Z",
    "image": "http://127.0.0.1:8000/storage/posts/C:\\Users\\accioxt\\AppData\\Local\\Temp\\phpED8A.tmp",
    "status": "f"
  }
}
```