

Penjelasan singkat:

jadi pertama git clone dengan link bang ferdinan jika sudah harus diatur ulang kembali dengan composer install, berhubung ku error kembali jadi update dahulu, jika sudah di composer update sung saja atur di env. Apa saja yang perlu.. begitu pun di artisan key:generate.. selebihnya atur saja bagian php artisan migrate:fresh dan juga php artisan db:seed.. untuk buka kita tambahkan terminal dimana 1 untuk buka php 1 lagi bagian logicnya yaitu npm run dev jika belum di install, install dahulu dengan npm install..

A screenshot of a web browser window showing a Laravel application dashboard. The browser has multiple tabs open, including "Paper PAA_Template IEEE.docx", "Tugas Sains Data EDA", "Laravel Cloud Hosting - Deploy", "Laravel", and "Muslim Board". The main content area displays a "Dashboard" page with a message "You're logged in!".

The browser interface includes a toolbar with various icons for file operations, search, and navigation. A bookmarks bar at the bottom contains links to "siup.universitaspert...", "SSO Pertamina", "WhatsApp", "Free Online Courses...", "Google Calendar -...", "New folder", "GF", "MM", "my | LinkedIn", and "Scarping X - Present...". On the right side of the browser, there is a "Paused" indicator for a task and a "All Bookmarks" link.

Screenshot of a web application interface showing a list of items for borrowing and a history of borrowed items.

The top navigation bar includes tabs for "Paper PAA_Template IEEE.docx", "Tugas Sains Data EDA", "Laravel Cloud Hosting - Deploy", "Laravel", and "Muslim Board". The address bar shows the URL 127.0.0.1:8000/items. The browser toolbar includes icons for back, forward, search, and other common functions.

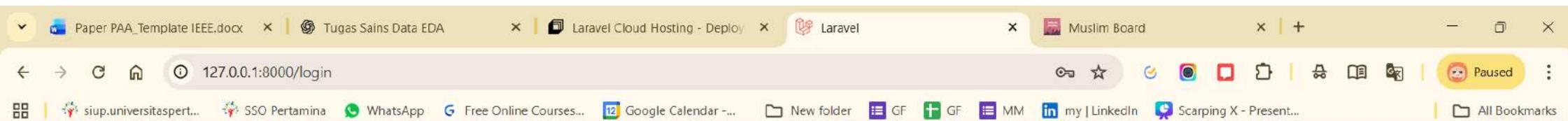
The main content area displays a grid of items:

Item Name	Stock Status	Action
Proyektor	Sisa Stok: 1	PINJAM BARANG
Mikroskop	Sisa Stok: 5	PINJAM BARANG
Beaker Glass 250ml	Sisa Stok: 10	PINJAM BARANG
Laptop Dell	Sisa Stok: 3	PINJAM BARANG
Proyektor	Sisa Stok: 1	PINJAM BARANG
Mikroskop	Sisa Stok: 5	PINJAM BARANG
Beaker Glass 250ml	Sisa Stok: 10	PINJAM BARANG
Laptop Dell	Sisa Stok: 2	PINJAM BARANG
Proyektor	Sisa Stok: 0	Habis

A section titled "Barang yang Saya Pinjam" (Items I Borrowed) lists the following items:

Barang	Tgl Pinjam	Status	Aksi
Proyektor	06 Jan 2026	Borrowed	Kembalikan
Laptop Dell	06 Jan 2026	Borrowed	Kembalikan

A small watermark or logo for "BLACKBIRD" is visible in the bottom right corner.



Email

These credentials do not match our records.

Password

Remember me

[Forgot your password?](#) [LOG IN](#)

Prak_Pemrograman_Web

EXPLORER

OPEN EDITORS

PRAK_PEMROGRAMAN_WEB

- activity
- node_modules
- pretes
- tugasW13
- week2
- week3
- week4
- week5
- week6
- week8
- week11
- week14
- app
- Http
- Controllers
- Auth
- Controller.php
- LoanController.php
- ProfileController.php
- Requests
- Models
- Providers
- View\Components
- AppLayout.php
- GuestLayout.php
- bootstrap
- config
- database
- factories
- migrations

 - 0001_01_01_00000_create_users_table.php
 - 0001_01_01_000001_create_cache_table.php
 - 0001_01_01_000002_create_jobs_table.php
 - 2026_01_06_050838_create_categories_table.php
 - 2026_01_06_065204_create_items_table.php
 - 2026_01_06_070515_create_loans_table.php

- seeders
- CategorySeeder.php
- DatabaseSeeder.php
- ItemSeeder.php
- UserSeeder.php
- .gitignore

OUTLINE

- App\Http\Controllers
- LoanController
- index
- store
- update

PROBLEMS 4 OUTPUT DEBUG CONSOLE TERMINAL PORTS POSTMAN CONSOLE

```
PS C:\Universitas Pertamina\Semester (V)\Pemweb\Prak_Pemrograman_Web\week14> php artisan db:seed --class=CategorySeeder
>>
 PDOException::("SQLSTATE[23000]: Integrity constraint violation: 1062 Duplicate entry 'Elektronik' for key 'categories.categories_name_unique'")
  2 vendor\laravel\framework\src\Illuminate\Database\MySqlConnection.php:53
  PDOStatement::execute()

PS C:\Universitas Pertamina\Semester (V)\Pemweb\Prak_Pemrograman_Web\week14> php artisan db:seed --class=CategorySeeder
>>
 INFO Seeding database.

PS C:\Universitas Pertamina\Semester (V)\Pemweb\Prak_Pemrograman_Web\week14> php artisan serve
 INFO Server running on [http://127.0.0.1:8000].
Press Ctrl+C to stop the server

2026-01-06 18:29:39 / ..... ~ 501.17ms
2026-01-06 18:29:39 /favicon.ico ..... ~ 25
2026-01-06 19:07:00 / ..... ~ 513.80ms
2026-01-06 19:07:00 /favicon.ico ..... ~ 25
2026-01-06 19:07:13 /item ..... ~ 501.73ms
2026-01-06 19:07:13 /favicon.ico ..... ~ 535.56ms
2026-01-06 19:07:17 /items ..... ~ 0.30ms
2026-01-06 19:07:17 /login ..... ~ 13s
2026-01-06 19:10:19 /login ..... ~ 515.46ms
2026-01-06 19:10:19 /favicon.ico ..... ~ 3s
2026-01-06 19:14:18 /login ..... ~ 514.66ms
2026-01-06 19:14:18 /login ..... ~ 540.65ms
2026-01-06 19:14:20 /favicon.ico ..... ~ 0.27ms
2026-01-06 19:42:57 /login ..... ~ 513.79ms
2026-01-06 19:42:57 /favicon.ico ..... ~ 25
2026-01-06 19:43:42 /login ..... ~ 0.37ms
2026-01-06 19:43:42 /favicon.ico ..... ~ 530.96ms
```

php week14
esbuild week...
powershell...

The screenshot shows a Microsoft Visual Studio Code (VS Code) interface with the following details:

- File Explorer (Left):** Shows the project structure under "PRAK_PEMROGRAMAN_WEB". Key files include ".env", "LoanController.php", "2026_01_06_050838_create_categories_table.php", "2026_01_06_065204_create_items_table.php", "CategorySeeder.php", "UserSeeder.php", "Item.php", and "Category.php".
- Editor (Top Center):** Displays the content of "LoanController.php". The code defines a class "LoanController" extending "Controller" with an "index" method that retrieves all items and loans.
- Terminal (Bottom):** Shows the output of npm commands. It includes errors about missing scripts ("dev"), a warning about npm audit vulnerabilities, and logs for "npm run dev", "cd week*4", and "cd week14". It also shows the successful execution of "npm install" and the start of Vite with "VITE v7.3.0 ready in 376 ms".
- Quick Access Bar (Top):** Contains icons for file operations like Open, Save, Find, and Search.
- Header (Top):** Shows the title "Prak_Pemrograman_Web" and standard window controls.

The screenshot shows a developer's workspace in VS Code with a dark theme. The left sidebar displays the file structure of a Laravel application named 'Prak_Pemrograman_Web'. Key components visible include 'activity', 'node_modules', 'pretes', 'tugasW13', 'week2', 'week3', 'week4', 'week5', 'week6', 'week8', 'week11', 'week14' (the active folder), 'app' (containing 'Http', 'Auth', 'Controller.php', 'LoanController.php', 'ProfileController.php', 'Requests', 'Models', 'Providers', 'View\Components', 'AppLayout.php', 'GuestLayout.php', 'bootstrap', 'config', 'database', 'factories', 'migrations' with several migration files, 'seeders' with 'CategorySeeder.php', 'DatabaseSeeder.php', 'ItemSeeder.php', 'UserSeeder.php', and '.gitignore'), 'OUTLINE' (showing 'App\Http\Controllers', 'LoanController', 'index', 'store', 'update'), and 'TIMELINE'.

The main editor area shows the content of 'LoanController.php' with the following code:

```
10 class LoanController extends Controller
13     public function index(){
14         $items = Item::all();
15         $loans = auth()->user()->loans()->with('item')->where('status', 'borrowed')->get();
16     }
```

The terminal at the bottom shows the output of running artisan db:seed:

```
PS C:\Universitas Pertamina\Semester (V)\Pemweb\Prak_Pemrograman_Web\week14> php artisan db:seed
>>

INFO Seeding database.

Database\Seeders\CategorySeeder ..... RUNNING
Database\Seeders\CategorySeeder ..... 13 ms DONE

Database\Seeders\ItemSeeder ..... RUNNING
Database\Seeders\ItemSeeder ..... 22 ms DONE

Database\Seeders\UserSeeder ..... RUNNING
```

A red error message is displayed in the terminal output:

```
Illuminate\Database\UniqueConstraintViolationException
SQLSTATE[23000]: Integrity constraint violation: 1062 Duplicate entry 'admin@example.com' for key 'users.users_email_unique' (Connection: mysql, SQL: insert into `users` (`name`, `email`, `email_verified_at`, `password`, `remember_token`, `updated_at`, `created_at`) values ('Admin', 'admin@example.com', 2026-01-06 12:39:07, $2y$12$8jJpdA10nP7/e126dcPT.0cPo80JNvGshXh4XsKcLYD9kNyAgf0, dP7mYZEPNw, 2026-01-06 12:39:07))
```

The stack trace for the exception is shown in the terminal:

```
at vendor\laravel\framework\src\Illuminate\Database\Connection.php:821
817     // message to include the bindings with SQL, which will make this exception a
818     // lot more helpful to the developer instead of just the database's errors.
819     catch (Exception $e) {
820         if ($this->isUniqueConstraintError($e)) {
821             throw new UniqueConstraintViolationException(
822                 $this->getName(), $query, $this->prepareBindings($bindings), $e
823             );
824         }
825     }
```

Further terminal output shows the results of 'db:fresh' and 'db:seed' commands:

```
PS C:\Universitas Pertamina\Semester (V)\Pemweb\Prak_Pemrograman_Web\week14> php artisan db:fresh
PS C:\Universitas Pertamina\Semester (V)\Pemweb\Prak_Pemrograman_Web\week14> php artisan db:seed
>>

INFO Seeding database.

Database\Seeders\CategorySeeder ..... RUNNING
Database\Seeders\CategorySeeder ..... 15 ms DONE

Database\Seeders\ItemSeeder ..... RUNNING
Database\Seeders\ItemSeeder ..... 25 ms DONE

Database\Seeders\UserSeeder ..... RUNNING
Database\Seeders\UserSeeder ..... 228 ms DONE
```

The screenshot shows a code editor interface with the following details:

- File Explorer:** Shows the project structure under "PRAK_PEMROGRAMAN_WEB". Key files visible include: week14/.env, 2026_01_06_050838_create_categories_table.php, 2026_01_06_065204_create_items_table.php, CategorySeeder.php, UserSeeder.php, welcome.blade.php, Item.php, and Category.php.
- Editor Area:** Displays the content of the ".env" file. The file contains environment variables for a Laravel application, including database settings, session drivers, and various API keys.
- Bottom Status Bar:** Shows the message "No symbols found in document '.env'" and a "TIMELINE" tab.

```
1 APP_NAME=Laravel
2 APP_ENV=local
3 APP_KEY=base64:T+vkBCA8tQlI3g+5lL50kYFpEe+ULOkdhj7+EDoTJ1A=
4 APP_DEBUG=true
5 APP_URL=http://localhost
6
7 APP_LOCALE=en
8 APP_FALLBACK_LOCALE=en
9 APP_FAKE_LOCALE=en_US
10
11 APP_MAINTENANCE_DRIVER=file
12 # APP_MAINTENANCE_STORE=database
13
14 # PHP_CLI_SERVER_WORKERS=4
15
16 BCRYPT_ROUNDS=12
17
18 LOG_CHANNEL=stack
19 LOG_STACK=single
20 LOG_DEPRECATED_CHANNEL=null
21 LOG_LEVEL=debug
22
23 DB_CONNECTION=mysql
24 DB_HOST=127.0.0.1
25 DB_PORT=3306
26 DB_DATABASE=pretes
27 DB_USERNAME=root
28 DB_PASSWORD=
29
30 SESSION_DRIVER=database
31 SESSION_LIFETIME=120
32 SESSION_ENCRYPT=false
33 SESSION_PATH=/
34 SESSION_DOMAIN=null
35
36 BROADCAST_CONNECTION=log
37 FILESYSTEM_DISK=local
38 QUEUE_CONNECTION=database
39
40 CACHE_STORE=database
41 # CACHE_PREFIX=
```

The screenshot shows a code editor interface with a dark theme. The title bar displays the project name "Prak_Pemrograman_Web". The left sidebar contains an "EXPLORER" panel showing the project structure, including "week14", "app", "Http", "database", "migrations", "seeders", "public", "resources", "views", and "auth" directories. The "seeders" directory is expanded, showing files like "CategorySeeder.php", "DatabaseSeeder.php", "ItemSeeder.php", and "UserSeeder.php". The "UserSeeder.php" file is currently open in the main editor area. The code in "UserSeeder.php" is as follows:

```
1 <?php
2
3 namespace Database\seeders;
4
5 use Illuminate\Database\Seeder;
6 use App\Models\User;
7 use Illuminate\Support\Facades\Hash;
8
9 class UserSeeder extends Seeder
10 {
11     public function run(): void
12     {
13         User::firstOrCreate(
14             [
15                 'email' => 'admin@example.com', // kunci unik
16                 [
17                     'name' => 'Admin',
18                     'password' => Hash::make('123'),
19                 ]
20             );
21     }
22 }
```

The screenshot shows a code editor interface with a dark theme. The top bar displays the title "Prak_Pemrograman_Web". The left sidebar contains an "EXPLORER" panel showing the project structure of a Laravel application named "PRAK_PEMROGRAMAN_WEB". The "seeders" directory is selected, containing files like "CategorySeeder.php", "UserSeeder.php", "ItemSeeder.php", and "DatabaseSeeder.php". Below this is an "OUTLINE" panel showing the contents of "ItemSeeder.php". The main editor area displays the "ItemSeeder.php" file:

```
3 namespace Database\Seeders;
4
5 use App\Models\Item;
6 use Illuminate\Database\Console\Seeds\WithoutModelEvents;
7 use Illuminate\Database\Seeder;
8
9 class ItemSeeder extends Seeder
10 {
11     public function run(): void
12     {
13         $items = [
14             [
15                 'name' => 'Mikroskop',
16                 'stock' => 5,
17                 'description' => 'Mikroskop digital untuk penelitian mikrobiologi',
18                 'category_id' => 2
19             ],
20             [
21                 'name' => 'Beaker Glass 250ml',
22                 'stock' => 10,
23                 'description' => 'Gelas ukur untuk percobaan kimia',
24                 'category_id' => 1
25             ],
26             [
27                 'name' => 'Laptop Dell',
28                 'stock' => 3,
29                 'description' => 'Laptop untuk praktikum pemrograman',
30                 'category_id' => 3
31             ],
32             [
33                 'name' => 'Proyektor',
34                 'stock' => 1,
35                 'description' => 'Proyektor untuk presentasi',
36                 'category_id' => 4
37             ],
38         ];
39     }
40
41     foreach ($items as $item) {
42         $this->create($item);
43     }
44 }
```

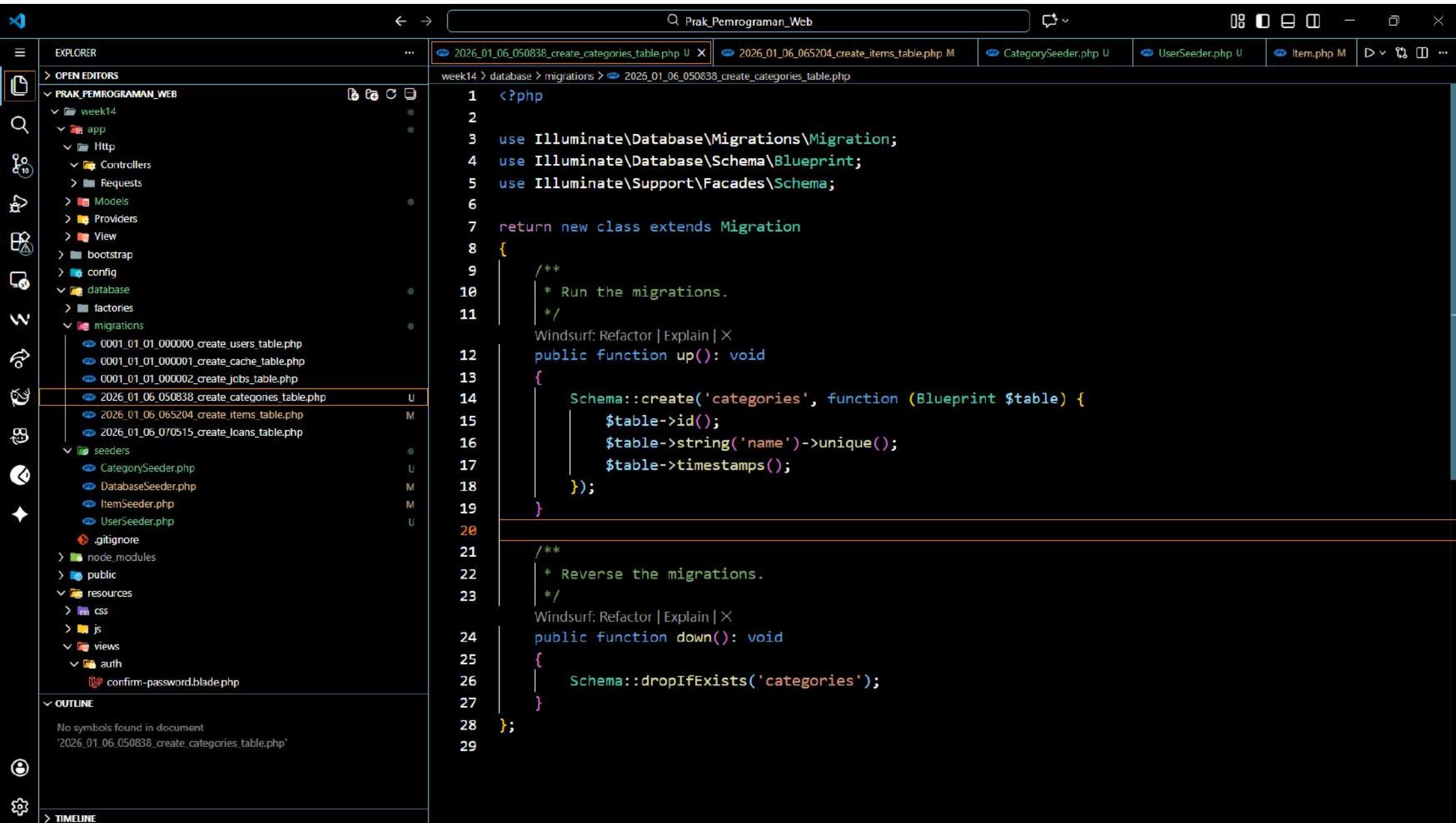
The screenshot shows a dark-themed code editor interface with various toolbars and panels. The top bar includes a search field ('Prak_Pemrograman_Web'), a file menu, and standard window controls. The left sidebar contains icons for file operations like 'New', 'Open', 'Save', etc., followed by sections for 'EXPLORER', 'OPEN EDITORS', and 'OUTLINE'. The 'EXPLORER' panel displays a project structure for 'PRAK_PEMROGRAMAN_WEB' with a 'week14' folder containing 'app', 'database', and 'seeders' subfolders. The 'seeders' folder is expanded, showing files: 'CategorySeeder.php', 'DatabaseSeeder.php' (which is currently selected and highlighted in orange), 'ItemSeeder.php', and 'UserSeeder.php'. It also lists '.gitignore' and 'node_modules'. The 'database' folder contains migration files: '0001_01_01_00000_create_users_table.php', '0001_01_01_00001_create_cache_table.php', '0001_01_01_00002_create_jobs_table.php', '2026_01_06_050838_create_categories_table.php', '2026_01_06_065204_create_items_table.php', and '2026_01_06_070515_create_loans_table.php'. The 'app' folder contains 'Http' and 'View' subfolders. The 'OUTLINE' panel shows a tree structure with 'Database\Seeders' and 'DatabaseSeeder' expanded, showing 'run' as a child node. The main code editor area displays the 'DatabaseSeeder.php' file:

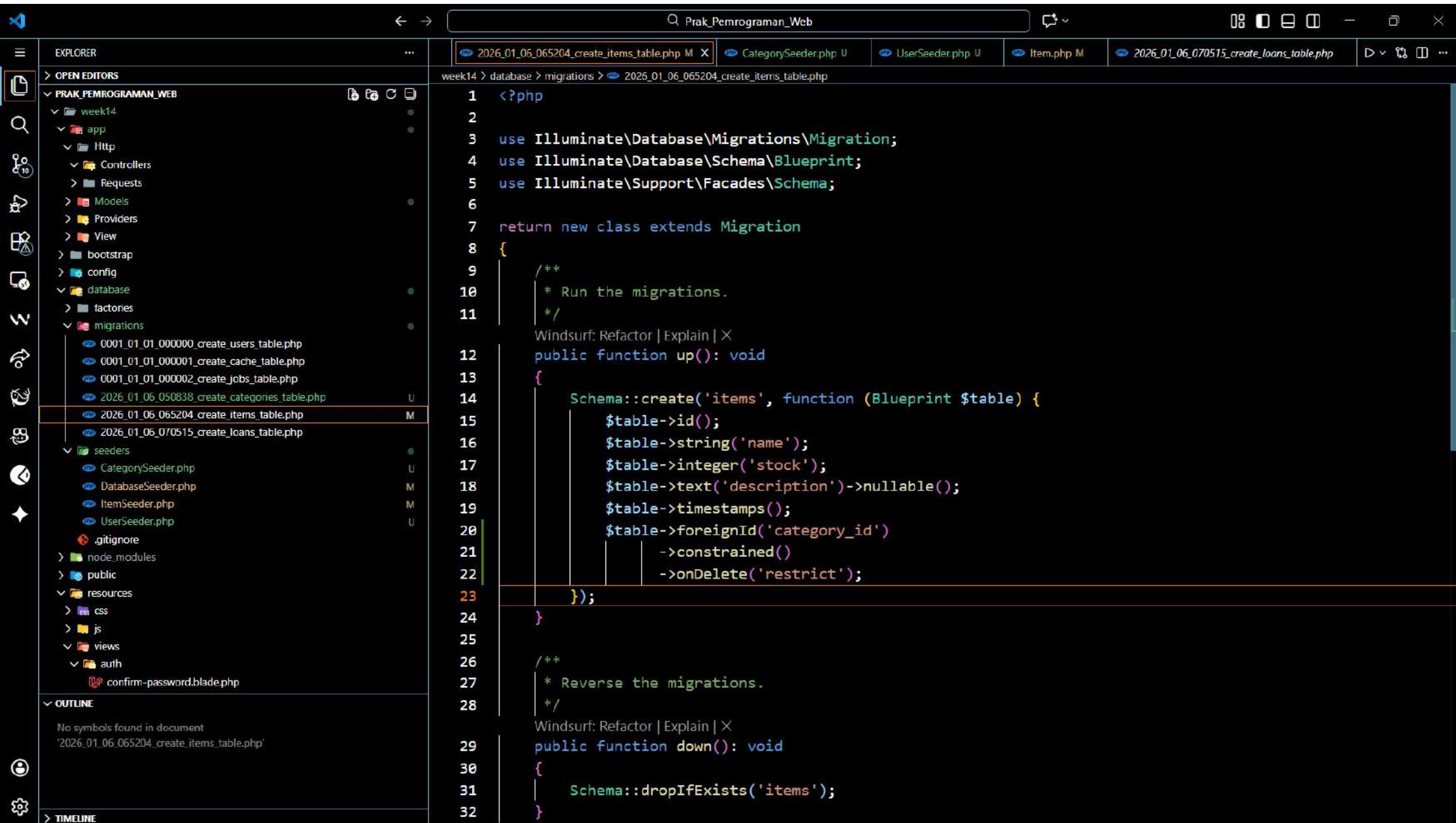
```
4
5  use Illuminate\Database\Seeder;
6
7  class DatabaseSeeder extends Seeder
8  {
9      public function run(): void
10     {
11         $this->call([
12             CategorySeeder::class,
13             ItemSeeder::class,
14             UserSeeder::class,
15         ]);
16     }
17 }
18
19 }
```

The screenshot shows a code editor interface with a dark theme. The top bar includes a search field ('Prak_Pemrograman_Web'), a tab bar with several files, and standard window controls. The left sidebar contains icons for Explorer, Open Editors, and various project components like app, Http, database, migrations, and seeders. The main editor area displays a PHP file named 'CategorySeeder.php'.

```
Windsurf: Refactor | Explain
8 class CategorySeeder extends Seeder
9 {
10    public function run(): void
11    {
12        DB::table('categories')->insertOrIgnore([
13            ['name' => 'Elektronik'],
14            ['name' => 'Alat Laboratorium'],
15            ['name' => 'Perlengkapan Kantor'],
16            ['name' => 'Multimedia'],
17        ]);
18    }
19 }
20
21
```

The code defines a 'CategorySeeder' class extending 'Seeder'. The 'run' method inserts or ignores four categories into the 'categories' table: Elektronik, Alat Laboratorium, Perlengkapan Kantor, and Multimedia.





Prak_Pemrograman_Web

PRAK PEMROGRAMAN WEB

OPEN EDITORS

week14 > database > migrations > 2026_01_06_070515_create_loans_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
13     public function up(): void
14     {
15         Schema::create('loans', function (Blueprint $table) {
16             $table->id();
17             $table->foreignId('user_id')->constrained()->cascadeOnDelete();
18             $table->foreignId('item_id')->constrained()->cascadeOnDelete();
19             $table->date('return_date')->nullable();
20             $table->enum('status', ['borrowed', 'returned'])->default('borrowed');
21             $table->timestamps();
22         });
23
24         /**
25          * Reverse the migrations.
26          */
27
28         public function down(): void
29         {
30             Schema::dropIfExists('loans');
31         }
32     }
33 }
```

127.0.0.1:8000/items

Paused

Dashboard Admin

Katalog Barang Lab

Mikroskop Sisa Stok: 5 PINJAM BARANG	Beaker Glass 250ml Sisa Stok: 10 PINJAM BARANG	Laptop Dell Sisa Stok: 3 PINJAM BARANG
Proyektor Sisa Stok: 1 PINJAM BARANG	Mikroskop Sisa Stok: 5 PINJAM BARANG	Beaker Glass 250ml Sisa Stok: 10 PINJAM BARANG
Laptop Dell Sisa Stok: 3 PINJAM BARANG	Proyektor Sisa Stok: 1 PINJAM BARANG	Mikroskop Sisa Stok: 5 PINJAM BARANG
Beaker Glass 250ml Sisa Stok: 10 PINJAM BARANG	Laptop Dell Sisa Stok: 3 PINJAM BARANG	Proyektor Sisa Stok: 1 PINJAM BARANG

BLACKBIRD