

**Pontificia Universidad Católica del Ecuador**

Prueba - Desarrollo en Plataformas

**Estudiante: William Cariron      Fecha: 19/12/2025      Paralelo: 2**

**Mis Decisiones de Diseño**

**1. Tabla**

**Nombre de la tabla:**

ingresos

**Campos:**

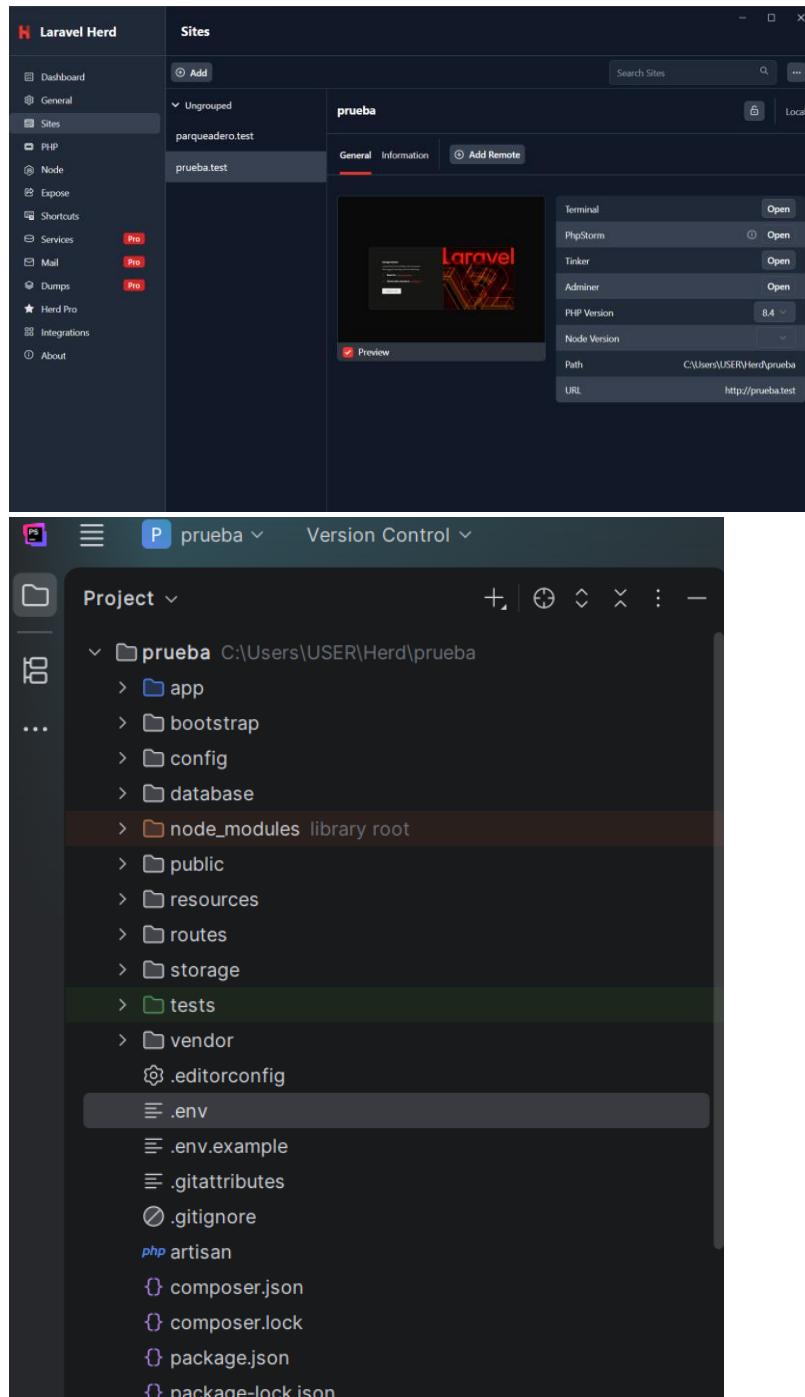
Campo	Tipo	¿Obligatorio?
id	BIGINT (auto incremental)	Sí
placa	VARCHAR(10)	Sí
marca	VARCHAR(50)	Sí
modelo	VARCHAR(50)	Sí
problema	TEXT	Sí
cliente_nombre	VARCHAR(80)	Sí
cliente_telefono	VARCHAR(20)	Sí
estado	ENUM	Sí
fecha_ingreso	TIMESTAMP	Sí
created_at	TIMESTAMP	Sí
updated_at	TIMESTAMP	Sí

**2. ¿Se puede eliminar registros?**

Respuesta: No

### Razón (1 línea):

Los registros no se eliminan para conservar el historial de atención cuando el vehículo se retira, el estado se actualiza a retirado



Query 1

```

1 -- create database taller_macanico;
2
3 • ALTER USER 'root'@'localhost' IDENTIFIED BY 'Matiloco123';
4 • FLUSH PRIVILEGES;
5
6

```

Output

Action Output	#	Time	Action	Message
✓ 1 10:19:00 create database taller_macanico				1 row(s) affected
✓ 2 10:31:53 ALTER USER root'@localhost' IDENTIFIED BY 'Matiloco123'				0 row(s) affected
⚠ 3 10:31:53 FLUSH PRIVILEGES				0 row(s) affected, 1 warning(s):

```

PS C:\Users\USER\Herd\prueba> php artisan config:clear
[INFO] Configuration cache cleared successfully.

PS C:\Users\USER\Herd\prueba> php artisan migrate
[INFO] Preparing database.
Creating migration table ..... 25.74ms DONE
[INFO] Running migrations.

0001_01_01_000000_create_users_table ..... 88.59ms DONE
0001_01_01_000001_create_cache_table ..... 24.90ms DONE
0001_01_01_000002_create_jobs_table ..... 101.49ms DONE

PS C:\Users\USER\Herd\prueba> php artisan make:model Ingreso -mcr
[INFO] Model [C:\Users\USER\Herd\prueba\app\Models\Ingreso.php] created successfully.
[INFO] Migration [C:\Users\USER\Herd\prueba\database\migrations\2025_12_19_153754_create_ingresos_table.php] created successfully.
[INFO] Controller [C:\Users\USER\Herd\prueba\app\Http\Controllers\IngresoController.php] created successfully.

```

```
M+ README.md     .env    php 2025_12_19_153754_create_ingresos_table.php x

7      return new class extends Migration
11     {
12         /*
13          no usages
14
15         public function up(): void
16         {
17             Schema::create('ingresos', function (Blueprint $table) {
18                 $table->id();
19                 $table->string('placa', 10)->unique();
20                 $table->string('marca', 50);
21                 $table->string('modelo', 50);
22                 $table->text('problema');
23                 $table->string('cliente_nombre', 80);
24                 $table->string('cliente_telefono', 20);
25                 $table->enum('estado', [
26                     'RECIENTE_LLEGADO',
27                     'REVISANDO',
28                     'REPARACION',
29                     'LISTO',
30                     'RETIRADO'
31                 ])->default('RECIENTE_LLEGADO');
32                 $table->timestamp('fecha_ingreso')->useCurrent();
33                 $table->timestamps();
34             });
35         }
36     }

PS C:\Users\USER\Herd\prueba> php artisan migrate
INFO Running migrations.
2025_12_19_153754_create_ingresos_table ..... 43.17ms DONE
```

```
E.md      .env      php 2025_12_19_153754_create_ingeros_table.php      © Ingreso.php ×
6
6 usages
7 ⚡ class Ingreso extends Model
8 {
9   no usages
10  protected $fillable = [
11    'placa',
12    'marca',
13    'modelo',
14    'problema',
15    'cliente_nombre',
16    'cliente_telefono',
17    'estado'
18  ];
19   no usages
20  protected $casts = [
21    'fecha_ingreso' => 'datetime',
22  ];
23 }
```

```
E.md      .env      php 2025_12_19_153754_create_ingeros_table.php      © Ingreso.php      © IngresoController.php ×
1 <?php
2
3 namespace App\Http\Controllers;
4
5 > use ...
6
7 2 usages
8 class IngresoController extends Controller
9 {
10   2 usages
11   private array $estados = [
12     'RECIEN_LLEGO', 'REVISANDO', 'REPARACION', 'LISTO', 'RETIRADO'
13   ];
14
15   GET | HEAD /ingeros [ingeros.index]  no usages
16   ⚡ public function index()
17   {
18     $ingeros = Ingreso::latest('fecha_ingreso')->paginate(10);
19     return view('ingeros.index', compact('var_name: 'ingeros'));
20   }
21
22   GET | HEAD /ingeros/create [ingeros.create]  no usages
23   ⚡ public function create()
24   {
25     return view('ingeros.create', ['estados' => $this->estados]);
26   }
27 }
```

Code editor showing PHP routes and blade files:

```

.env      php 2025_12_19_153754_create_ingeros_table.php    Ingreso.php    IngresoController.php    web.php
<?php

use App\Http\Controllers\IngresoController;

Route::get('/', fn() => redirect()->route('ingeros.index', IngresoController@index)); /
Route::resource('name: ingeros', controller: IngresoController::class);

```

File tree:

- resources
  - css
  - js
  - views
    - ingeros
      - \_form.blade.php
      - create.blade.php
      - edit.blade.php
      - index.blade.php
    - layouts
      - app.blade.php
      - welcome.blade.php

Browser developer tools showing a form and CSS styles:

Form (Nuevo ingreso):

Placa	PBA111
Marca	Toyota
Modelo	Land Cruiser 300
Problema	(empty)
Cliente	(empty)
Teléfono	(empty)

Console (Elements tab):

```

<!DOCTYPE html>
<html lang="es"><script> -- $0
<script src="chrome-extension://eppioceehmlbhjplcgkofcliegomcon/content/location.js" id="eppioceehmlbhjplcgkofcliegomcon"></script>
<script src="chrome-extension://eppioceehmlbhjplcgkofcliegomcon/labs/extension-history-min.js"></script>
<script src="chrome-extension://eppioceehmlbhjplcgkofcliegomcon/libs/requests.js"></script>
<head></head>
<body class="bg-light" __processed_a1e461a-00c6-41c6-974d-03f952972c99__">
<chatgpt-sidebar data-gpts-theme="light"></chatgpt-sidebar>
</body>

```

Styles tab (grid.scss:7):

```

element.style {
}
:root {
    --bs-breakpoint-xs: 0;
    --bs-breakpoint-sm: 576px;
    --bs-breakpoint-md: 768px;
    --bs-breakpoint-lg: 992px;
    --bs-breakpoint-xl: 1280px;
    --bs-breakpoint-xxl: 1400px;
}
@media (prefers-reduced-motion: no-preference) {
:root {
    scroll-behavior: smooth;
}
}

```