

## 63. Usando e insertando relaciones simples de Modelos en el Seeder de Laravel

### Relaciones simples

Payment ↔ Order

User ↔ Order

### Pasos a seguir

En **DatabaseSeeder**:

```
public function run()
{
    $products = Product::factory(50)->create();

    $users = User::factory(20)->create();

    $orders = Order::factory(10)
        ->make()
        ->each(function($order) use ($users) {
            $order->customer_id = $users->random()->id;
            $order->save();

            $payment = Payment::factory()->make();

            // $payment->order_id = $order_id;
            // $payment->save();

            $order->payment()->save($payment);
        });
}
```

⚠ Recordemos importar las definiciones de los modelos, gente.

En **cmd**:

```
php artisan migrate:fresh --seed
```

En **Tinker**:

Todas las instancias de **User**:

```
Psy Shell v0.11.8 (PHP 8.0.9 - cli) by Justin Hileman
>>> App\Models\User::all()
=> Illuminate\Database\Eloquent\Collection {#4577}
    all: [
        App\Models\User {#4578}
            id: "1",
            name: "Ara Roberts",
            email: "kuvalis.dianna@example.net",
            email_verified_at: "2022-11-12 15:07:15",
            #password: "$2y$10$92IXUNpkj00r0Q5byMi.Ye4oKoEa3Ro9llC/.og/at2.uhewG/igi",
            admin_since: "null()",
```

```

    #remember_token: "btEun1oLPa",
    created_at: "2022-11-12 15:07:15",
    updated_at: "2022-11-12 15:07:15",
  },
  App\Models\User {#4579
    id: "2",
    name: "Tate Russel",
    email: "carli.leannon@example.org",
    email_verified_at: "2022-11-12 15:07:15",
    #password: "$2y$10$92IXUNpkj00r0Q5byMi.Ye4oKoEa3Ro9llC/.og/at2.uhewG/igi",
    admin_since: "now()",
    #remember_token: "J0xxTIN3Bp",
    created_at: "2022-11-12 15:07:15",
    updated_at: "2022-11-12 15:07:15",
  },
  App\Models\User {#4580
    id: "3",
    name: "Rickey Larkin",
    email: "clare42@example.org",
    email_verified_at: "2022-11-12 15:07:15",
    #password: "$2y$10$92IXUNpkj00r0Q5byMi.Ye4oKoEa3Ro9llC/.og/at2.uhewG/igi",
    admin_since: "now()",
    #remember_token: "1xjV3o6kYD",
    created_at: "2022-11-12 15:07:15",
    updated_at: "2022-11-12 15:07:15",
  },
  ...

```

Todas las instancias de **Order**:

```

>>> App\Models\Order::all()
⇒ Illuminate\Database\Eloquent\Collection {#4565
  all: [
    App\Models\Order {#4563
      id: "1",
      status: "shipped",
      customer_id: "1",
      created_at: "2022-11-12 15:07:15",
      updated_at: "2022-11-12 15:07:15",
    },
    App\Models\Order {#4572
      id: "2",
      status: "pending",
      customer_id: "18",
      created_at: "2022-11-12 15:07:16",
      updated_at: "2022-11-12 15:07:16",
    },
  ],
  ...

```

Todas las instancias de **Payment**:

```

>>> App\Models\Payment::all()
⇒ Illuminate\Database\Eloquent\Collection {#4581
  all: [
    App\Models\Payment {#4580
      id: "1",
      amount: "80.57",
      paid_at: "2022-01-11 19:55:31",
      order_id: "1",
      created_at: "2022-11-12 15:07:16",
      updated_at: "2022-11-12 15:07:16",
    },
  ],
  ...

```

```

    },
    App\Models\Payment {#4579
      id: "2",
      amount: "192.6",
      paid_at: "2022-04-28 22:46:08",
      order_id: "2",
      created_at: "2022-11-12 15:07:16",
      updated_at: "2022-11-12 15:07:16",
    },
    ...

```

Accedemos a una **Order** en particular (la primera):

```

>>> $order = App\Models\Order::first()
=> App\Models\Order {#4579
  id: "1",
  status: "shipped",
  customer_id: "1",
  created_at: "2022-11-12 15:07:15",
  updated_at: "2022-11-12 15:07:15",
}

```

- A partir de ella, accedemos a su **Payment** y a su **User**:

```

>>> $order->payment
=> App\Models\Payment {#4569
  id: "1",
  amount: "80.57",
  paid_at: "2022-01-11 19:55:31",
  order_id: "1",
  created_at: "2022-11-12 15:07:16",
  updated_at: "2022-11-12 15:07:16",
}

// Se ha asignado aleatoriamente al User con id=1
>>> $order->user
=> App\Models\User {#4580
  id: "1",
  name: "Ara Roberts",
  email: "kuvalis.dianna@example.net",
  email_verified_at: "2022-11-12 15:07:15",
  #password: "$2y$10$92IXUNpkj00r0Q5byMi.Ye4oKoEa3Ro9llC/.og/at2.uheWG/igi",
  admin_since: "null()",
  #remember_token: "btEun1oLPa",
  created_at: "2022-11-12 15:07:15",
  updated_at: "2022-11-12 15:07:15",
}

```