LARAVEL

CLASE 05

RELACIONES

Manejo de relaciones en Laravel

RELACIONES

DIRECCIONALIDAD

A -- conoce a --> B

No es lo mismo que...

B -- conoce a --> A

CARDINALIDAD

A -- tiene un --> B

No es lo mismo que...

A -- tiene muchos --> B

ELOQUENT: RELACIONES

N:1 - Belongs To

- ✘ Episode belongsTo Season
- ✘ Profile belongsTo User

1:0...N - Has Many

- ✘ Season hasMany Episode
- ✘ Genre hasMany Movie

1:0...1 - Has One

- ✘ User hasOne Profile
- ✘ Person hasOne DNI

N:M - Belongs to Many

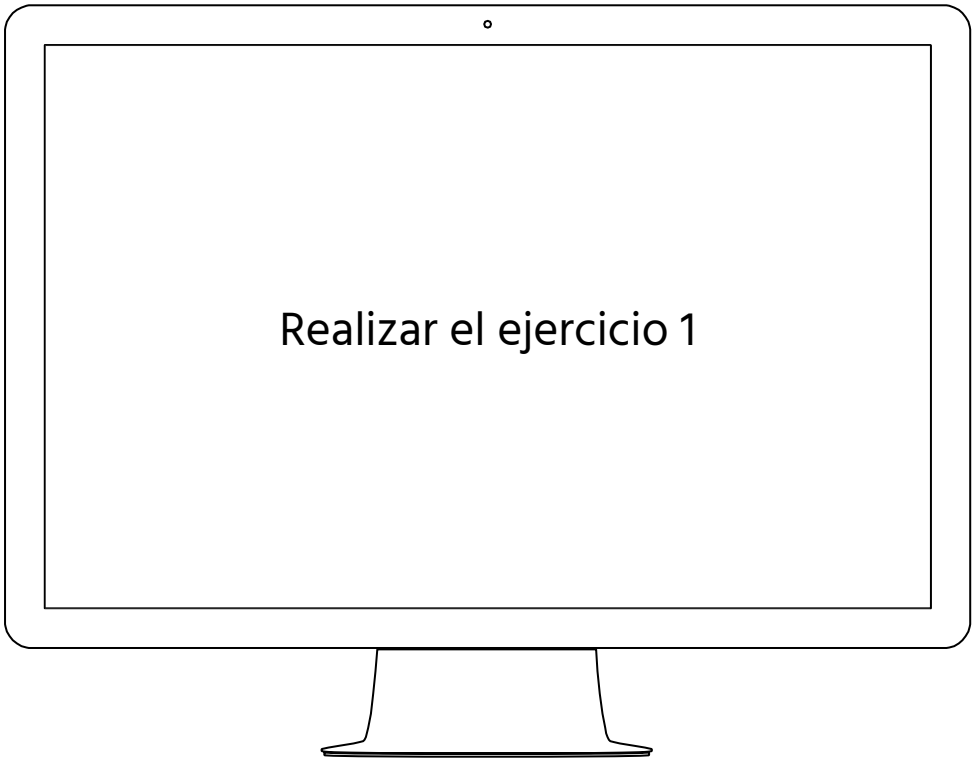
- ✘ Actor belongsToMany Movie
- ✘ Client belongsToMany Product

```php
class User extends Model
{
      // hasOne / belongsTo
      public function profile()
      {
            return $this->hasOne(Profile::class, 'foreign_key', 'other_key');
      }
}

class Profile extends Model
{
      public function user()
      {
            return $this->belongsTo(User::class, 'foreign_key', 'other_key');
      }
}

// A partir de un Objeto User
$user = User::find(1);

// Obtenemos su objeto Profile relacionado
$profile = $user->profile;

// Y viceversa...
$profile = Profile::find(42);
$user = $profile->user;
```

```php
class User extends Model
{
      // hasMany / belongsTo
      public function pets()
      {
            return $this->hasMany(Pet::class, 'foreign_key', 'local_key');
      }
}

class Pet extends Model
{
      public function user()
      {
            return $this->belongsTo(User::class, 'foreign_key', 'other_key');
      }
}

// A partir de un Objeto User obtenemos su colección de objetos Pet relacionados
$user = User::find(1);
$pets = $user->pets;

// Y viceversa
$pet  = Pet::find(9);
$user = $pet->user;

// Podemos hacer una query para obtener solo algunos
$dogs = $user->pets()->where('type', 'dog')->get();
```

```php
class Actor extends Model
{
	// belongsToMany
	public function movies()
	{
		return $this->belongsToMany(Movie::class, 'table', 'foreign_key', 'other_key');
	}
}

class Movie extends Model
{
	public function actors()
	{
		return $this->belongsToMany(Actor::class, 'table', 'foreign_key', 'other_key');
	}
}

// A partir de un Objeto Actor obtenemos su colección de objetos Movies relacionados
$actor = Actor::find(1);
$movies = $actor->movies;

// Y viceversa
$movie = Movie::find(23);
$actors = $movie->actors;

// También podemos hacer queries
$bestActors = $movie->actors()->where('rating', '>', 8)->orderBy('last_name')->get();
```

ES MOMENTO DE
PRACTICAR !



¡ HASTA LA PROXIMA !