

Laravel

Parte 2

Modelo + Migración

```
php artisan make:model Product -m
```

```
...
```

database/migrations/???create_product_table.php

```
...
public function up() {
    Schema::create('products',
        function (Blueprint $table) {
            $table->increments('id');
            $table->string('name');
            $table->integer('amount');
            $table->boolean('available');
            $table->timestamps();
        });
}
...
```

app/Product.php

```
<?php
namespace App;

use Illuminate\Database\Eloquent\Model;

class Product extends Model
{
    //
}
```

Controlador base

```
php artisan make:controller  
    ProductController
```

app/Http/Controllers/ProductController.php

```
<?php
```

```
namespace App\Http\Controllers;
```

```
use Illuminate\Http\Request;
```

```
use App\Product;
```

```
class ProductController extends Controller  
{
```

```
    function getAll(){  
        return Product::all();  
    }
```

```
...
```

... Controller

```
function add(Request $req){  
    $prod = new Product;  
    $prod->name = $req->name;  
    $prod->amount = $req->amount;  
    $prod->available = $req->available;  
    $prod->save();  
    return "Ok";  
}
```

```
function update($id,Request $req){  
    $prod = Product::findOrFail($id);  
    $prod->name = $req->name;  
    $prod->amount = $req->amount;  
    $prod->available = $req->available;  
    $prod->save();  
    return "Ok";  
}
```

```
function delete($id){  
    Product::findOrFail($id)->delete();  
}
```

Rutas

routes/web.php

```
Route::get('/', function () {  
    return view('welcome');  
});
```

```
Route::get('/product', 'ProductController@getAll');  
Route::post('/product', 'ProductController@add');  
Route::put('/product/{id}',  
    'ProductController@update');  
Route::delete('/product/{id}',  
    'ProductController@delete');
```

Axios api

<https://github.com/mzabriskie/axios>

```
axios.request(config)
```

```
axios.get(url[, config])
```

```
axios.delete(url[, config])
```

```
axios.head(url[, config])
```

```
axios.options(url[, config])
```

```
axios.post(url[, data[, config]])
```

```
axios.put(url[, data[, config]])
```

```
axios.patch(url[, data[, config]])
```

Usar axios

public/product.html

```
<!doctype html>
<html>
<head>
  <script src="js/app.js">
  </script>
  <script>

window.addEventListener("load",()=> {
  axios.get("/product")
    .then((resp)=>console.log(resp.data))
    .catch((err)=>
      console.error(err.response.data)
    )
  ...
})
```

Vue js

<https://vuejs.org/v2/guide/>

```
<div id="app-4">
  <ol>
    <li v-for="todo in todos">
      {{ todo.text }}
    </li>
  </ol>
</div>

<script>

const data = {
  todos: [
    { text: 'Learn JavaScript' },
    { text: 'Learn Vue' }
  ]
}

let app4 = new Vue({
  el: '#app-4',
  data: data
})
data.todos.push({text: '
    { text: 'Build something awesome' }'})
</script>
```


product.html

```
<!doctype html>
<html>
<head>
  <script src="js/app.js">
</script>
<script>
window.addEventListener("load",()=> {
  const data = {products: []}
  function updateTable(){
    axios.get("/product")
      .then((resp)=>
        data.products = resp.data
      )
      .catch((err)=>
        console.error(err.response.data)
      )
  }

  function deleteProduct(prod){
    axios.delete("/product/"+prod.id)
      then((resp)=>updateTable())
  }
}
```

```
new Vue({
  el: '#app',
  data: data,
  methods:{
    deleteProduct : deleteProduct
  }
})

</script>
<body>
  <div id="app">
    <ul>
      <li v-for="prod in products">
        {{ prod.name }}
        <a
          v-on:click="deleteProduct(prod)">
            Borrar
          </a>
        </li>
      </ul>
```

Correr la migracion

php artisan migrate

```
Migrating: 2014_10_12_000000_create_users_table  
Migrated:  2014_10_12_000000_create_users_table  
Migrating: 2014_10_12_100000_create_password_resets_table  
Migrated:  2014_10_12_100000_create_password_resets_table  
Migrating: 2017_09_06_184109_create_products_table  
Migrated:  2017_09_06_184109_create_products_table
```

Levantar server

php artisan serve

Laravel development server started:
<<http://127.0.0.1:8000>>