

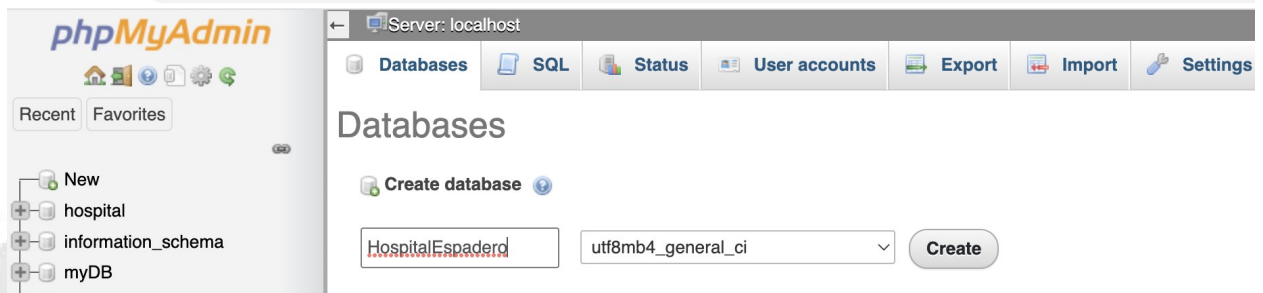
Let's Check

1. Create new project called Act1Lastname

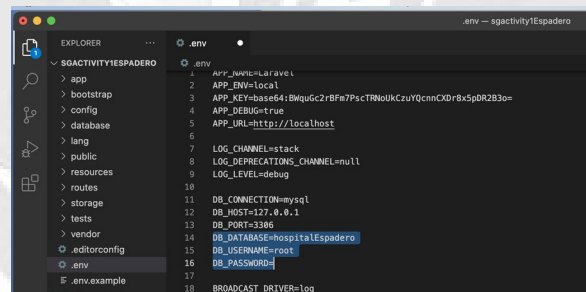
```
composer create-project laravel/laravel sgactivity1Espadero
```


Note: use your lastname.
2. Go to <http://localhost/phpmyadmin/> then create a new database called DB1Lastname

```
localhost/phpmyadmin/index.php?route=/server/databases&server=1
```



3. Go to VSCode and then open the
4. In your sgactivity1Lastname project configure your database by going to the .env then edit database name to DB1Lastname



Change the database name to DB1Lastname. Also, put password if your mysql has password.

Then save

5. In the terminal issue the command

```
php artisan migrate
```
6. Create a PatientController, in the terminal issue the command

```
php artisan make:controller PatientController --resource
```
7. Create a new model called Patient

```
php artisan make:model Patient -m
```
8. Go to Database>Migrations then click the create_Patient then edit the function up() as seen below

<?php

```
use Illuminate\Database\Migrations\Migration;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Support\Facades\Schema;
```

```
return new class extends Migration
```

```
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('patients', function (Blueprint $table) {
            $table->id();
            $table->string('FirstName');
            $table->string('MiddleName');
            $table->string('LastName');
            $table->string('Sex');
            $table->string('BirthDate');
            $table->string('Address');
            $table->string('ContactNumber');
            $table->timestamps();
        });
    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
        Schema::dropIfExists('patients');
    }
};
```

Then Save

9. Go to terminal then issue the command

```
php artisan migrate
```

10. Go to Routes>web.php

```
<?php

use Illuminate\Support\Facades\Route;

/*
|-----
| Web Routes
|-----
|
| Here is where you can register web routes for your application. These
| routes are loaded by the RouteServiceProvider within a group which
| contains the "web" middleware group. Now create something great!
|
*/

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

Route::resource('patients','App\Http\Controllers\PatientController');
```

Then save

11. Go to App>http>Controllers then click PatientController, then write the codes below:

```
<?php

namespace App\Http\Controllers;
use App\Models\Patient;
use Illuminate\Http\Request;

class PatientController extends Controller
{

    public function index()
    {
        $patients = Patient::latest()->paginate(5);
        return view('patients.index',compact('patients'))
        ->with('i',(request()->input('page',1)-1)*5);
    }
}
```

```

}

public function create()
{
    return view('patients.create');
}

public function store(Request $request)
{
    $request->validate([
        'FirstName'=>'required',
        'MiddleName'=>'required',
        'LastName'=>'required',
        'Sex'=>'required',
        'BirthDate'=>'required',
        'Address'=>'required',
        'ContactNumber'=>'required',
    ]);
    Patient::create($request->all());
    return redirect()->route('patients.index')
        ->with('success','Patient record is added successfully!');
}

public function show(Patient $patient)
{
    return view('patients.show',compact('patient'));
}

public function edit(Patient $patient)
{
    return view('patients.edit',compact('patient'));
}

public function update(Request $request, Patient $patient)
{
    $request->validate([]);

    $patient->update($request->all());
    return redirect()->route('patients.index')
        ->with('success','Patient record successfully updated');
}

```

```

public function destroy(Patient $patient)
{
    $patient->delete();
    return redirect()->route('patients.index')
    ->with('success','Patient record deleted');
}
}

```

Then save

12. Go to Models then click Patient.php and paste the codes below

```

<?php
namespace App\Models;

use Illuminate\Database\Eloquent\Factories\HasFactory;
use Illuminate\Database\Eloquent\Model;

class Patient extends Model
{
    use HasFactory;
    protected $fillable = ['FirstName', 'MiddleName', 'LastName', 'Sex', 'BirthDate',
    'Address', 'ContactNumber',];
}

```

13. Go to Views then create a folder called **patients**

14. In the **patients** folder, right click then create a new view called layout.blade.php. Paste the codes below

```

<!DOCTYPE html>
<html lang="en">
<head>
    <title>Patients Records</title>
    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">;
</head>
<body>
<div class="container">
    @yield('content')

```

```
</div>
</body>
</html>
```

Then save

15. In the same folder, create a new view called index.blade.php. Paste the code below.

```
@extends ('patients.layout')
@section('content')
    <div class="pull-left">
        <h2>Student Record</h2>
    </div>
    <div class="row">
        <div class="col-lg-12 margin-tb">
            <div class="pull-right">
                <a class="btn btn-success" href="{{ route('patients.create') }}"> Create New Patient
            </div>
        </div>
    </div>
    <div class="alert alert-success">
        <p>{{ $message }}</p>
    </div>
    @endif
    <table class="table table-bordered">
        <tr>
            <th>No</th>
            <th>First Name</th>
            <th>Middle Name</th>
            <th>Last Name</th>
            <th>Sex</th>
            <th>BirthDate</th>
            <th>Address</th>
            <th>Contact Number</th>
            <th width="280px">Action</th>
        </tr>
        @foreach($patients as $patient)
            <tr>
                <td>{{ ++$i }}</td>
                <td>{{ $patient->FirstName }}</td>
                <td>{{ $patient->MiddleName }}</td>
                <td>{{ $patient->LastName }}</td>
                <td>{{ $patient->Sex }}</td>
```

```

<td>{{ $patient->BirthDate }}</td>
<td>{{ $patient->Address }}</td>
<td>{{ $patient->ContactNumber }}</td>
<td>
    <form action="{{ route('patients.destroy',$patient->id) }}" method="POST">

        <a class="btn btn-info" href="{{ route('patients.index',$patient->id) }}">Show</a>
        <a class="btn btn-info" href="{{ route('patients.edit',$patient->id) }}">Edit</a>
        @csrf
        @method('DELETE')
        <button type="submit" class="btn btn-danger">Delete</button>
    </form>
</td>
</tr>
@endforeach
</table>

```

Then save

16. In the same folder, create a new view called Create.blade.php. Paste the code below.

```

@extends('patients.layout')
@section('content')
<div class="row">
    <div class="col-lg-12 margin-tb">
        <div class="pull-left">
            <h2> Add New Patients Record </h2>
        </div>
        <div class="pull-right">
            <a class="btn btn-primary" href="{{ route('patients.index') }}">Back </a>
        </div>
    </div>
</div>
@if($errors->any())
<div class="alert alert-danger">
    <strong>Whoops</strong> There were some problems with your inoput. <br> <br>
    <ul>
        @foreach($errors->all() as $error)
            <li>{{ $error }}</li>
        @endforeach
    </ul>
</div>
@endif
<form action="{{ route('patients.store') }}" method="POST">
    @csrf
    <div class="row">

```

```
<div class="col-xs-12 col-sm-12 col-md-12">
  <div class="form-group">
    <strong>FirstName: </strong>
    <input type="text" name="FirstName" class="form-control" placeholder="FirstName">
  </div>
</div>

<div class="col-xs-12 col-sm-12 col-md-12">
  <div class="form-group">
    <strong>MiddleName: </strong>
    <input type="text" name="MiddleName" class="form-control" placeholder="Middle Name">
  </div>
</div>

<div class="col-xs-12 col-sm-12 col-md-12">
  <div class="form-group">
    <strong>Last Name: </strong>
    <input type="text" name="LastName" class="form-control" placeholder="Last Name">
  </div>
</div>

<div class="col-xs-12 col-sm-12 col-md-12">
  <div class="form-group">
    <strong>Sex: </strong>
    <input type="text" name="Sex" class="form-control" placeholder="Sex">
  </div>
</div>

<div class="col-xs-12 col-sm-12 col-md-12">
  <div class="form-group">
    <strong>Birth Date: </strong>
    <input type="text" name="BirthDate" class="form-control" placeholder="Birth Date">
  </div>
</div>

<div class="col-xs-12 col-sm-12 col-md-12">
  <div class="form-group">
    <strong>Address: </strong>
    <input type="text" name="Address" class="form-control" placeholder="Address">
  </div>
</div>

<div class="col-xs-12 col-sm-12 col-md-12">
  <div class="form-group">
    <strong>Contact Number: </strong>
    <input type="text" name="ContactNumber" class="form-control" placeholder="Contact
Number">
  </div>
</div>

<div class="col-xs-12 col-sm-12 col-md-12">
```



```

        <button type="submit" class="btn btn-primary">Submit</button>
    </div>
</div>
</form>
@endsection

```

Then save

17. In the same folder, create a new view called Edit.blade.php. Paste the codes below.

```

@extends('patients.layout')
@section('content')
<div class="row">

    <div class="col-lg-15 margin-tb">
        <div class="pull-left">
            <h2> Edit Patient Record</h2>
        </div>
        <div class="pull-right">
            <a class="btn btn-primary" href="{{ route('patients.index') }}">Back </a>
        </div>
    </div>
    </div>
    </div>
    @if($errors->any())
    <div class="alert alert-danger">
        <strong>Whoops</strong> There were some problems with your input. <br> <br>
        <ul>
            @foreach($errors->all() as $error)
            <li>{{ $error }}</li>
            @endforeach
        </ul>
    </div>
    @endif
    <form action="{{ route('patients.update',$patient->id) }}" method="POST">
        @csrf
        @method('PUT')
        <div class="row">
        <div class="row">
        <div class="col-xs-12 col-sm-12 col-md-12">

```

```
<div class="form-group">
  <strong>First Name: </strong>
  <input type="text" name="FirstName" value="{{ $patient->FirstName }}" class="form-
control" placeholder="First Name">
</div>
</div>

<div class="col-xs-12 col-sm-12 col-md-12">
  <div class="form-group">
    <strong>Middle Name: </strong>
    <input type="text" name="MiddleName" value="{{ $patient->MiddleName }}" class="form-
control" placeholder="Middle Name">
  </div>
</div>
<div class="col-xs-12 col-sm-12 col-md-12">
  <div class="form-group">
    <strong>Last Name: </strong>
    <input type="text" name="LastName" value="{{ $patient->LastName }}" class="form-control"
placeholder="Last Name">
  </div>
</div>
<div class="col-xs-12 col-sm-12 col-md-12">
  <div class="form-group">
    <strong>Sex: </strong>
    <input type="text" name="sex" value="{{ $patient->sex }}" class="form-control"
placeholder="Sex">
  </div>
</div>

<div class="col-xs-12 col-sm-12 col-md-12">
  <div class="form-group">
    <strong>Birth Date: </strong>
    <input type="text" name="BirthDate" value="{{ $patient->BirthDate }}" class="form-control"
placeholder="Birth Date">
  </div>
</div>
<div class="col-xs-12 col-sm-12 col-md-12">
  <div class="form-group">
    <strong>Address: </strong>
    <input type="text" name="Address" value="{{ $patient->Address }}" class="form-control"
placeholder="Address">
  </div>
</div>

<div class="col-xs-12 col-sm-12 col-md-12">
  <div class="form-group">
    <strong>Contact Number: </strong>
```

```
<input type="text" name="ContactNumber" value="{{ $patient-  
>ContactNumber }}" class="form-control" placeholder="Contact Number">  
</div>  
</div>  
  
<div class="col-xs-12 col-sm-12 col-md-12 text-center">  
  
<button type="submit" class="btn btn-primary">Submit</button>  
</div>  
</div>  
</form>  
@endsection
```

18. In the VSCode terminal, issue the command `php artisan serve`
19. Click on the url to launch your application.

Prepared by:

Jenny Espadero, MSIT

