Excel File Generate Using Model in LARAVEL

Pdf Generate commands-

Command:

- 1. composer remove maatwebsite/excel
- composer require psr/simple-cache:^1.0 maatwebsite/excel --ignore-platform-reqs --with-all-dependencies

Step 2: Configure the Package

The **Maatwebsite\Excel\E**

If you want to register it yourself, add the ServiceProvider in "config/app.php": (providers & aliases)

Command:

3. php artisan vendor:publish --provider="Maatwebsite\Excel\ExcelServiceProvider" --tag=config

Note: We will follow with the example of "Customer Detail" to be exported in an Excel file. So I have used **Model** as a **Customer** (app/ Models/StudentExportController.php)

Step 4: Create a Controller named **StudentExportController** using the below artisan command:

Controller Page –

Command:

php artisan make:controller StudentExportController

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;
use App\Exports\StudentsExport;</pre>
```

```
use Maatwebsite\Excel\Facades\Excel;
class StudentExcelController extends Controller
   public function exportDataInExcel(Request $request)
        if($request->type == 'xlsx'){
            $fileExt = 'xlsx';
            $exportFormat = \Maatwebsite\Excel\Excel::XLSX;
        elseif($request->type == 'csv'){
            $fileExt = 'csv';
           $exportFormat = \Maatwebsite\Excel\Excel::CSV;
        elseif($request->type == 'xls'){
            $fileExt = 'xls';
            $exportFormat = \Maatwebsite\Excel\Excel::XLS;
        else{
            $fileExt = 'xlsx';
            $exportFormat = \Maatwebsite\Excel\Excel::XLSX;
        $filename = "Students-".date('d-m-Y').".".$fileExt;
        return Excel::download(new StudentsExport, $filename, $exportFormat);
```

Model Page -

Command:

php artisan make:model student

```
Call Your Model Name
My Model Name = Student
```

In App Folder manually create Exports Folder

Create an export class in app/Exports

You may do this by using the make:export command.

Command:

php artisan make:export StudentsExport

then Generate This php file in Exports folder

route Page -

```
Here is where you can register web routes for your application. These
| routes are loaded by the RouteServiceProvider and all of them will
| be assigned to the "web" middleware group. Make something great!
| */

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

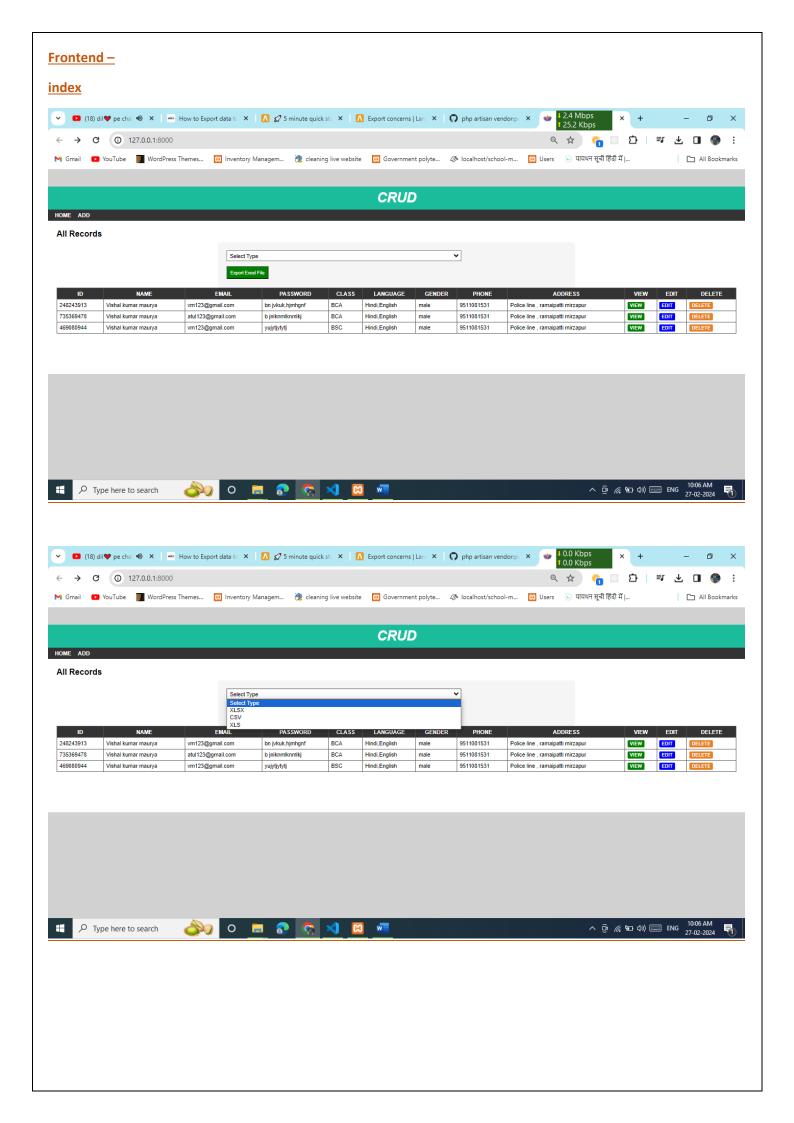
route::get('/',[StudentController::class,'ShowStudent'])->name('home');

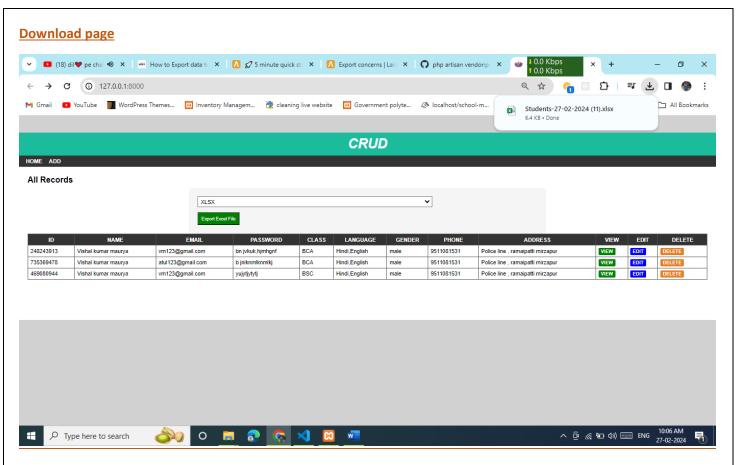
Route::get('students/export', [StudentExcelController::class, 'exportDataInExcel'])->name('exportStudent');
```

index.blade.php -

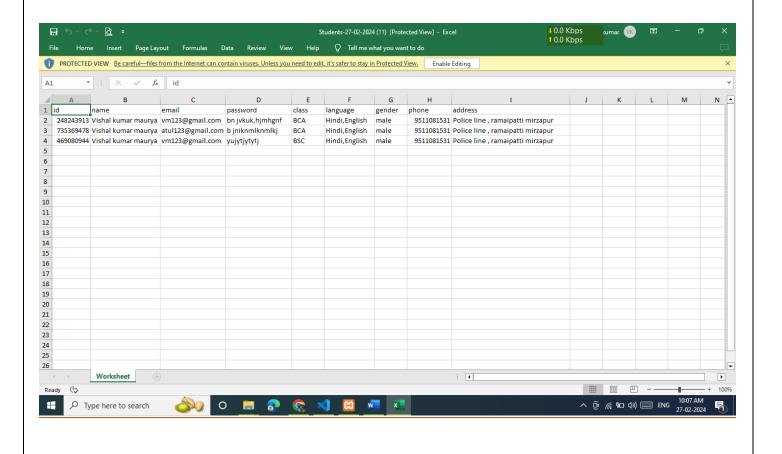
```
@include ('header')
<div id="main-content">
    <h2>All Records</h2>
    <form class="post-form" action="{{route('exportStudent')}}" method="GET">
        <div class="form-group">
            <select name="type">
                <option value="">Select Type</option>
                <option value="xlsx">XLSX</option>
                <option value="csv">CSV</option>
                <option value="xls">XLS</option>
            </select>
        </div>
        <input style="border:1px soid green; background-color:green;color:white;text-</pre>
decoration:none; padding:10px; "type="submit" name="submit" value="Export Excel File">
    </form>
   @if(Session::has('success'))
    <div style="border:2px solid white;width:100%;background-color:rgb(142, 208,</pre>
142);padding:5px;border-radius:30px;">
        {{Session::get('success')}}
    </div>
        @endif
        @if(Session::has('denger'))
        <div style="border:2px solid white;(204, 90, 14);width:100%;background-</pre>
color:rgb(214, 107, 13);padding:5px;border-radius:30px;">
            {{Session::get('denger')}}
        </div>
            @endif
```

```
<thead>
     Id
     Name
     Email
     Password
     Class
     Language
     Gender
     Phone
     Address
     View
     Edit
     Delete
     </thead>
     @foreach($students as $student)
        {{$student->id}}
           {{$student->name}}
           {{$student->email}}
           {{$student->password}}
           {{$student->class}}
           {{$student->language}}
           {{$student->gender}}
           {{$student->phone}}
           {{$student->address}}
           <a style="background-color:green;"
href={{route('singleStudent',$student->id)}}>View</a>
           <a style="background-color:blue;" href={{route('updatePage',$student-
>id)}} onclick="return confirm('Are you sure ?')">Edit</a>
            <a href={{route('deleteStudent',$student->id)}} onclick="return")
confirm('Are you sure ?')">Delete</a>
           @endforeach
           </div>
</div>
</body>
</html>
```





Excel page



More Information OR Other Type To Export Excel File

How to Export data to Excel file with different format/extension in Laravel 10

By Ved Prakash N | M Jan 20, 2024 | Laravel

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How to Export data to Excel file in Laravel 10

In this post, you will learn how to export data from a database table to Excel file with different format / extension in Laravel 10.

We will create a Form, we will select the Export Format / Extension (.xlsx , .xls, csv, etc.), and download the Excel file.

We will specify / declare the Headings (Column Headings) like Name, Email, Phone, etc.. in the Excel file to be exported.

Let's get started.

Step 1: Install Laravel Excel Package via composer as follows:

```
composer require maatwebsite/excel

✓
```

Step 2: Configure the Package

The Maatwebsite\Excel\Excel\ServiceProvider is auto-discovered and registered by default.

If you want to register it yourself, add the ServiceProvider in "config/app.php": (providers & aliases)

Step 3: To publish the config, run the vendor publish command

```
php artisan vendor:publish --provider="Maatwebsite\Excel\ExcelServiceProvider" --tag=config
```

Note: We will follow with the example of "Customer Detail" to be exported in an Excel file. So I have used **Model** as a **Customer** (**app/ Models/ Customer.php**)

Step 4: Create a Controller named CustomerController using the below artisan command:

```
php artisan make:controller CustomerController

✓
```

After successfully creating the CustomerController, paste the below code in it.

In this controller, write the logic of export excel with different export format / file extensions as follows:

```
<?php
namespace App\Http\Controllers;
use Illuminate\Http\Request;
use App\Exports\CustomersExport;
use Maatwebsite\Excel\Facades\Excel;
class CustomerController extends Controller
    public function exportDataInExcel(Request $request)
        if($request->type == 'xlsx'){
            $fileExt = 'xlsx';
            $exportFormat = \Maatwebsite\Excel\Excel::XLSX;
        elseif($request->type == 'csv'){
            $fileExt = 'csv';
$exportFormat = \Maatwebsite\Excel\Excel::CSV;
        elseif($request->type == 'xls'){
            $fileExt = 'xls';
            $exportFormat = \Maatwebsite\Excel\Excel::XLS;
            $fileExt = 'xlsx';
            $exportFormat = \Maatwebsite\Excel\Excel::XLSX;
        $filename = "customers-".date('d-m-Y').".".$fileExt;
        return Excel::download(new CustomersExport, $filename, $exportFormat);
```

Step 5: Create a Excel Export Class named Customer Export with the following command:

```
php artisan make:export CustomerExport

→
```

After successfully creating the Import Class, paste the below code in the following path: app/ Exports/ CustomerExport.php

There are different ways to Export data to excel file like:

1. Export Data in Excel Sheet with Headings (Column Names)

2. Export Data in Excel Sheet without Headings

```
<?php

namespace App\Exports;

use App\Models\Customer;
use Maatwebsite\Excel\Concerns\FromCollection;

class CustomersExport implements FromCollection
{
    /**
    * @return \Illuminate\Support\Collection
    */
    public function collection()
    {
        return Customer::all();
    }
}
</pre>
```

3. Export Data to Excel Sheet from a "Blade View" using "FormView" concern

Now, while export data to an excel file from a "Blade view" using a FormView concern, you have to create a Blade file in the following path: resources/ views/ customer/ export.blade.php and paste the below code:

```
Step 6: Use this below in Form to export / download the excel file as per your requirement.
 <option value="xlsx">XLSX</option>
<option value="csv">CSV</option>
<option value="xls">XLS</option>
        <button type="submit" class="btn btn-success">Export</button>
Step 7: Create a Route
 Route::get('customer/export', [App\Http\Controllers\CustomerController::class, 'exportDataIn
That's it. Now, we are ready to export data to an Excel file at : http://localhost:8000/customer/export
I hope it helps you. Thanks for reading.
     <thead>
            Name
            Email
            Phone
     </thead>
        @foreach($customers as $customer)
                {{ $customer->name }}
```

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