

## Laravel 5.4 – version released in January 2017- Installation

1. Visit : [www.laravel.com](http://www.laravel.com)
2. Navigate to Documentation tab
3. Installing Laravel : Click Composer
4. Click Download from getcomposer.org
5. Install it as default.
6. Navigate to Documentation tab again and navigate to *Via Composer Create-Project*, accordingly: Copy the following : `composer create-project --prefer-dist laravel/laravel blog`
7. Run CMD as Administrator: `C:\xampp\htdocs> paste following url 'composer create-project --prefer-dist laravel/laravel Laravel5.4`
8. Laravel will be installed, In order to check, Please navigate to `localhost/laravel5.4/public`

### Setting Routes

Resources -> views-> about.blade.php

Setting routes at: routes.php folder-> web.php

:

```
Route::get('about', function () {  
    return view('about');  
});  
  
Route::group(['middleware' => ['web']],function(){  
  
Route::resource('customer','CustomerController');  
  
});
```

### Database and Table

Set the database name and default username as root, password will be empty.

Creating table in CMD:

1. `php artisan make:migration create_customer_table`
2. database-> migration -> customer, add below lines.  

```
public function up()  
{  
    Schema::create('customer', function (Blueprint $table) {  
        $table->increments('id');  
        $table->string('company_name');  
        $table->string('address');  
        $table->string('business_registration_number');  
        $table->string('website');  
        $table->timestamps();  
    });  
}
```

```

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

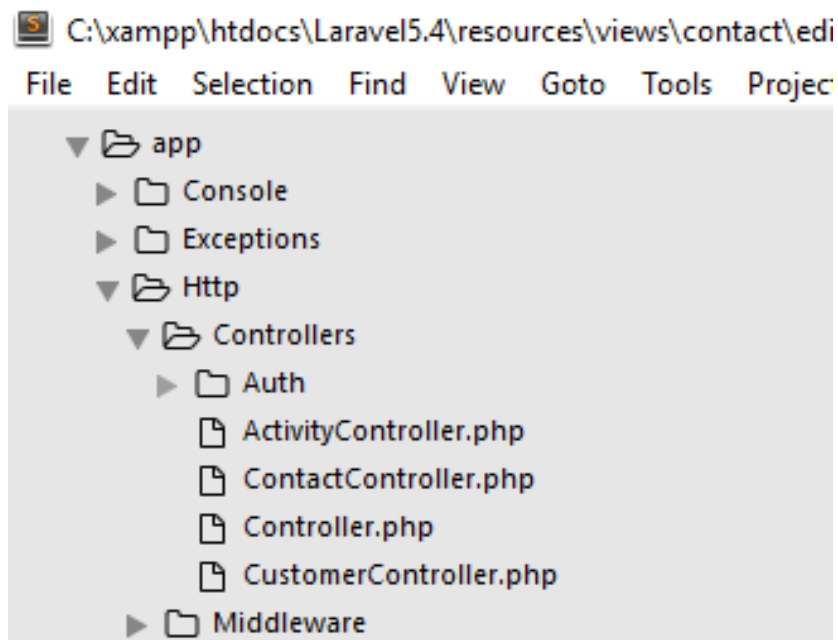
```

3. then migrate these table to phpmyadmin  
type php artisan migrate in cmd

### Create Controller in CMD

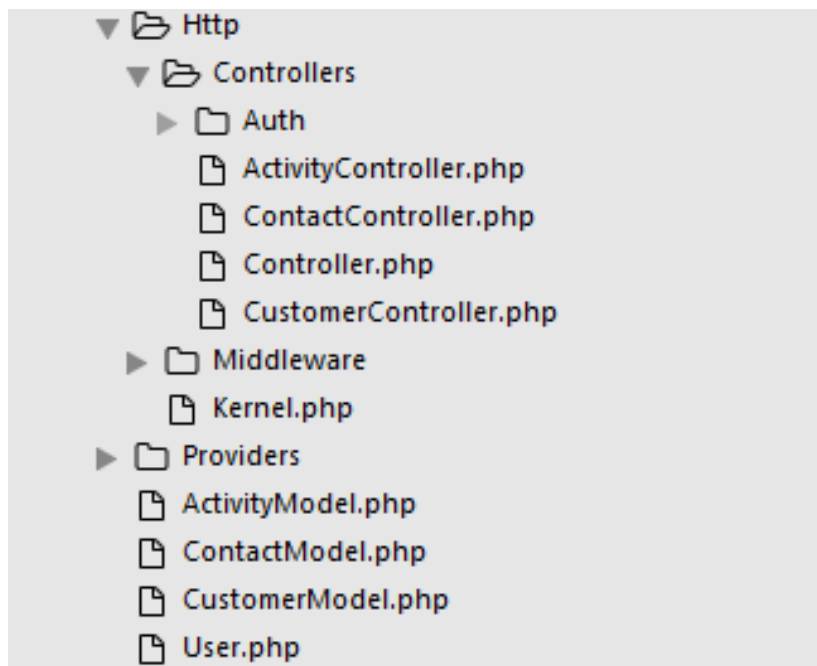
Type in cmd into our laravel main folder:

```
php artisan make:controller CustomerController --resource
```



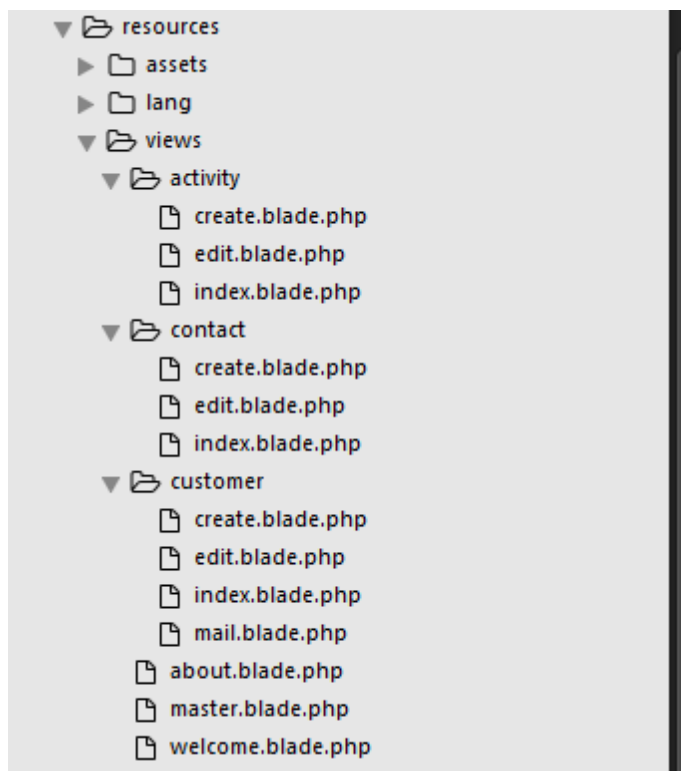
### Create Model in CMD

```
php artisan make:model CustomerModel
```

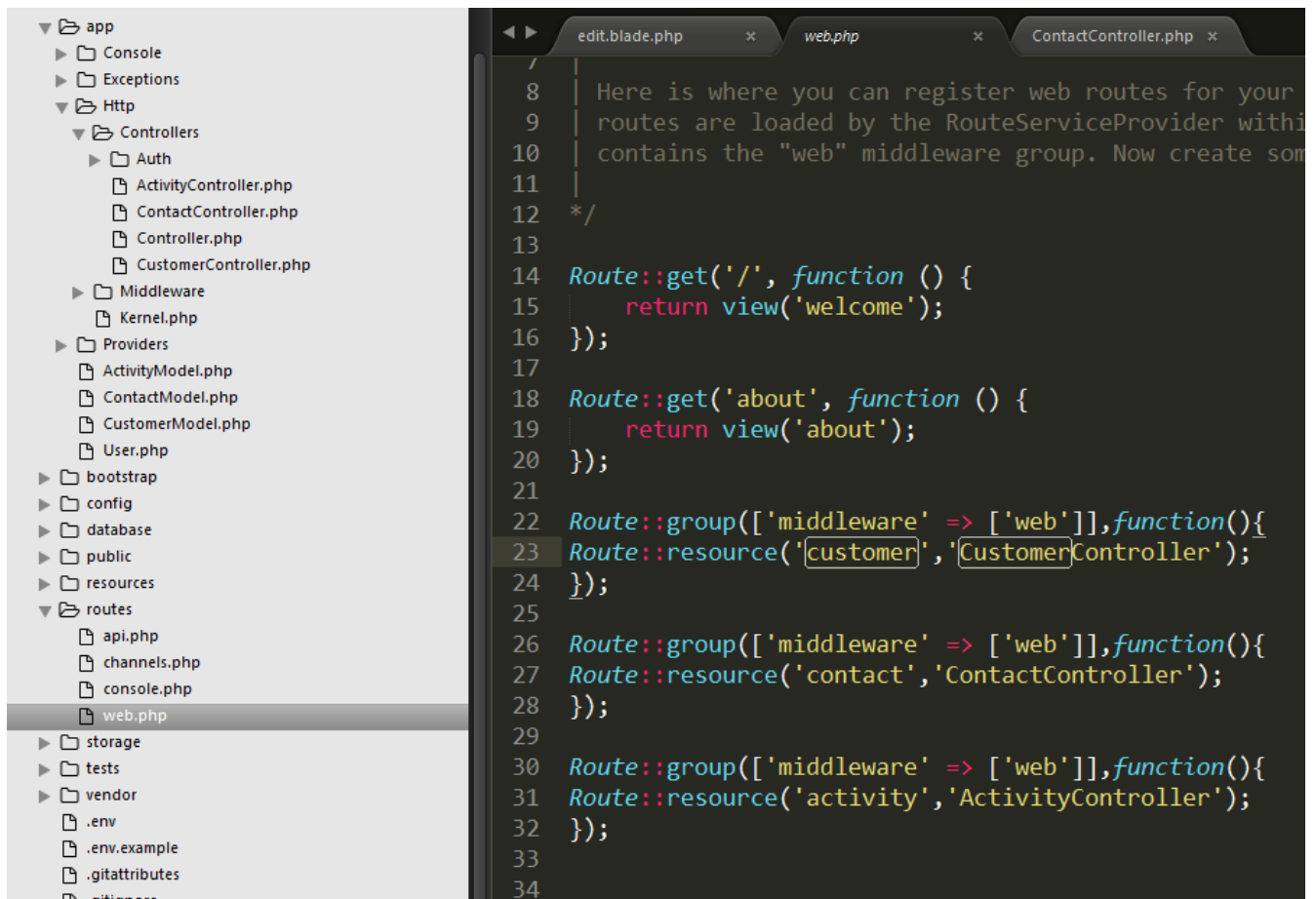


## Create Views

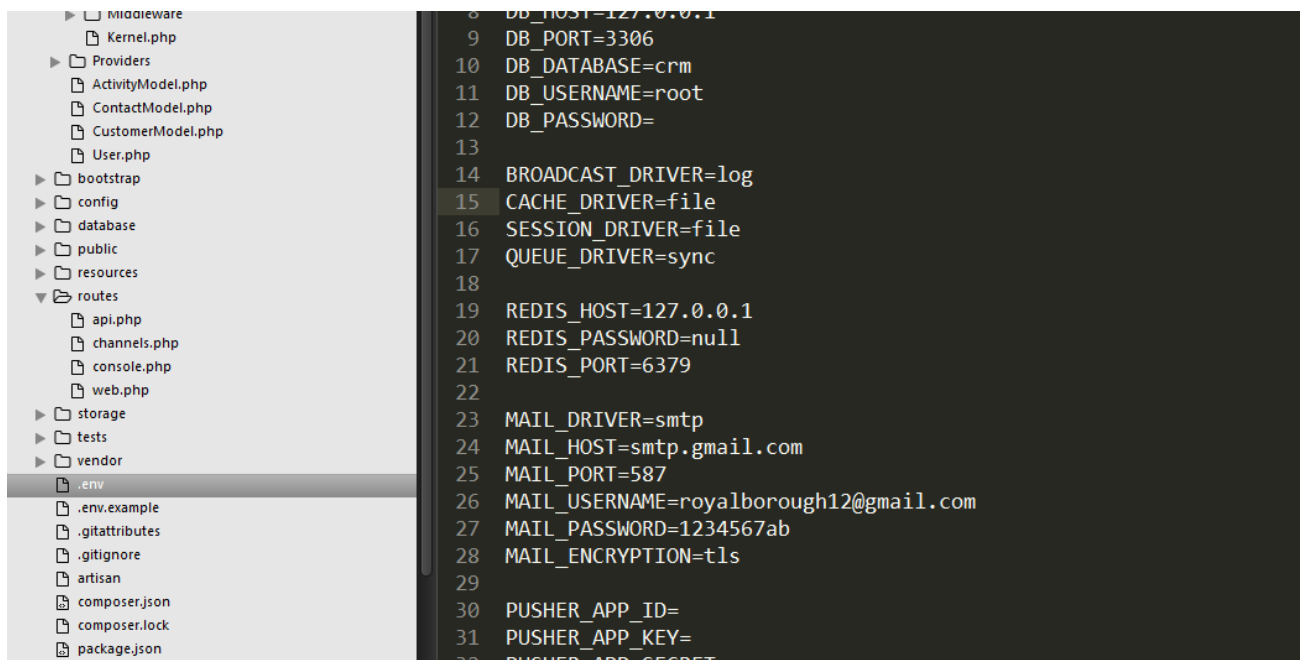
Go to resource folder -> views -> customer (folder)



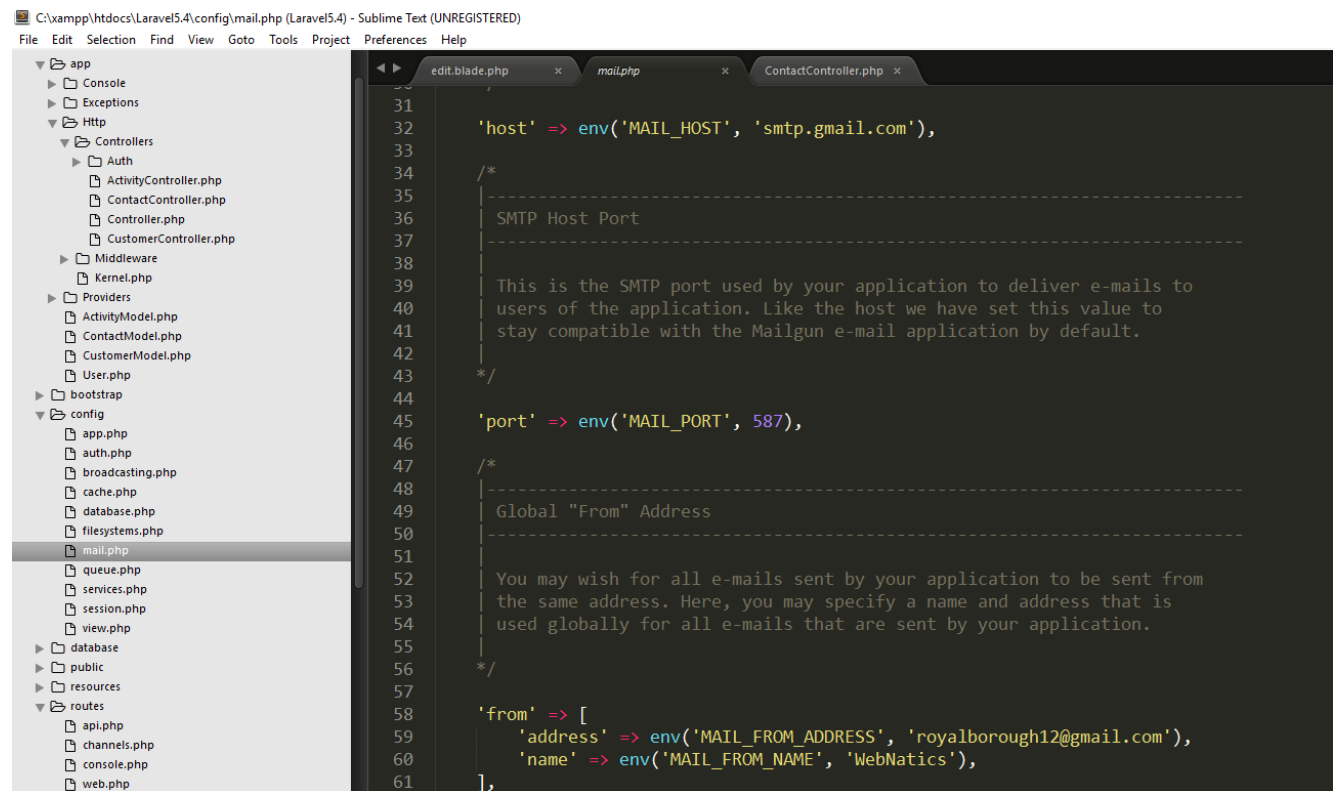
## Routes in Laravel 5.4 – web.php



## Env – mail configuration



## Config – Mail.php



```
31
32 'host' => env('MAIL_HOST', 'smtp.gmail.com'),
33
34 /*
35 |-----|
36 | SMTP Host Port
37 |-----|
38
39 | This is the SMTP port used by your application to deliver e-mails to
40 | users of the application. Like the host we have set this value to
41 | stay compatible with the Mailgun e-mail application by default.
42 |
43 */
44
45 'port' => env('MAIL_PORT', 587),
46
47 /*
48 |-----|
49 | Global "From" Address
50 |-----|
51
52 | You may wish for all e-mails sent by your application to be sent from
53 | the same address. Here, you may specify a name and address that is
54 | used globally for all e-mails that are sent by your application.
55 |
56 */
57
58 'from' => [
59     'address' => env('MAIL_FROM_ADDRESS', 'royalborough12@gmail.com'),
60     'name' => env('MAIL_FROM_NAME', 'WebNatics'),
61 ],
```

## Set Route of CustomerController

```
Route::group(['middleware' => ['web']],function(){
    Route::resource('customer','CustomerController');
});
```

## Download bootstrap from getbootstrap.com

Extract the zip file, bootstrap 3.3.7

Then, copy css, fonts and js folders and paste them into laravel public folder

Then Create Master.blade.php under views

## List of Customers (Create, Edit, Delete, Pagination, Search)

The CRM has been completely done in the laravel version released in January 2017, which is Laravel 5.4. I have created additional featured such as pagination and deleting records.

WebNatics CRM System

Home

Contacts

Activities

### List of Customers

Create New Customer

« 1 2 3 4 5 6 »

Number	Company Name	Address	B.Reg No	Website	Created at	Updated at	
1	WebNatics	Webnatics Lanka (Pvt) Ltd. 20, Nelson Place Colombo 00600, Sri Lanka	20302	www.webnatics.biz	2017-04-16 00:00:00	2017-04-17 00:00:00	<div>Edit</div> <div>delete</div>
2	WebNatics	Webnatics Lanka (Pvt) Ltd. 20, Nelson Place Colombo 00600, Sri Lanka	20302	www.webnatics.biz	2017-04-16 00:00:00	2017-04-17 00:00:00	<div>Edit</div> <div>delete</div>
3	mofo	hhhh	hhhh	hhh	2017-04-17 11:57:29	2017-04-17 11:57:29	<div>Edit</div> <div>delete</div>
4	hjhjhjhj	hjhjhj	hjhjhj	hjhjhj	2017-04-17 11:59:43	2017-04-17 11:59:43	<div>Edit</div> <div>delete</div>
5	liululu	liululiulu	liululu	liululu	2017-04-17 12:01:35	2017-04-17 12:01:35	<div>Edit</div> <div>delete</div>

## Create Customer

According to the below form, validations have been implemented, and bootstrap has been used to give a responsive design.

← → ↻ ⓘ 127.0.0.1:8000/customer/create

WebNatics CRM System

Home

Contacts

Activities

### Create Customer

Webnatics

The company name field is required.

Webnatics Lanka (Pvt) Ltd. 20, Nelson Place Colombo 00600, Sri Lanka

The address field is required.

9090

The business registration number field is required.

www.webnatics.biz

The website field is required.

save

## Email Notification

When a customer is added, it will send an email to [srilanka.jobs@webnatics.biz](mailto:srilanka.jobs@webnatics.biz). However, I have tested through my email address temporarily.



```
52 //validation will be written here
53 $this->validate($request,['company_name'=>'required','address'=>'required','
    business_registration_number'=>'required', 'website'=>'required']);
54
55 //create new data
56 $input = $request->all();
57
58 CustomerModel::create($input);
59
60 $message = 'empty';
61 $title = 'empty';
62 Mail::send('customer.mail', ['title' => $title, 'message' => $message], function ($
    message)
63 {
64     $message->from('royalborough12@gmail.com', 'CRM WebNatics');
65     $message->to('srilanka.jobs@webnatics.biz')->subject('CRM Automail');
66 });
67
68 return redirect()->route('customer.index')->with('alert success','Customer record has been saved!');
69
70 }
71
```

## Edit Customer

127.0.0.1:8000/customer/35/edit

WebNatics CRM SystemHomeContactsActivitiesSearch Customers

## Edit Customer

Webnatics

Webnatics Lanka (Pvt) Ltd. 20, Nelson Place Colombo 00600, Sri Lanka

7878

www.webnatics.biz

save

## Customer Delete

Confirmation box is provided before deleting a record.

stemHomeContactsActivitiesSearch Customers

## List of Customers

Create New Customer

«123456»

Number	Company Name	Address	B.Reg No	Website	Created at	Updated at	
1	Webnatics	Webnatics Lanka (Pvt) Ltd. 20, Nelson Place Colombo 00600, Sri Lanka	7878	www.webnatics.biz	2017-04-17 17:00:00	2017-04-17 17:00:00	<div>Editdelete</div>
2	jhhjhjhj	hjhjhj					<div>Editdelete</div>
3	Abelsoft	Wellawatte	0191929	www.google.com	2017-04-17 15:36:58	2017-04-17 15:36:58	<div>Editdelete</div>

127.0.0.1:8000 says:

Are you sure to remove this data

OKCancel



## Search Customers

Customer name is allowed to search in the search box. It will return the records instantly.

← → ↻ 127.0.0.1:8000/customer?search=webnatics

WebNatics CRM SystemHomeContactsActivitieswebnaticsSearch

### List of Customers

Create New Customer

Number	Company Name	Address	B.Reg No	Website	Created at	Updated at	
1	Webnatics	Webnatics Lanka (Pvt) Ltd. 20, Nelson Place Colombo 00600, Sri Lanka	7878	www.webnatics.biz	2017-04-17 17:26:33	2017-04-17 17:30:44	<div>Editdelete</div>
2	WebNatics	Webnatics Lanka (Pvt) Ltd. 20, Nelson Place Colombo 00600, Sri Lanka	20302	www.webnatics.biz	2017-04-16 00:00:00	2017-04-17 00:00:00	<div>Editdelete</div>
3	WebNatics	Webnatics Lanka (Pvt) Ltd. 20, Nelson Place Colombo 00600, Sri Lanka	20302	www.webnatics.biz	2017-04-16 00:00:00	2017-04-17 00:00:00	<div>Editdelete</div>

## List of Contacts

← → ↻ 127.0.0.1:8000/contact

WebNatics CRM SystemHomeContactsActivitiesSearch Customers

### List of Contacts

Create New Contact

« 1 2 »

Number	Customer Name	Email	Contact Number	Created at	Updated at	
1	suhepan	suheepa@yahoo.com	0775554715	2017-04-16 00:00:00	2017-04-17 15:15:27	<div>Editdelete</div>
2	Mathoosan	smathusan@yahoo.com	0119292929	2017-04-17 09:08:57	2017-04-17 09:08:57	<div>Editdelete</div>
3	hjhjhjh	sith.suhee.9	01192929	2017-04-17 09:42:57	2017-04-17 09:42:57	<div>Editdelete</div>
4	gghggh	sithanojan@yahoo.com	01192982882	2017-04-17 14:45:36	2017-04-17 14:45:36	<div>Editdelete</div>
5	hghghghg	hghghghg@yahoo.com	01192982882	2017-04-17 14:45:46	2017-04-17 14:45:46	<div>Editdelete</div>

Create Contact

127.0.0.1:8000/contact/create

WebNatics CRM SystemHomeContactsActivitiesSearch CustomersSearch

Create Contact

AbelSoft (pvt) Ltd

sithanojan@yahoo.com

0755554715

save

Edit Contact

127.0.0.1:8000/contact/12/edit

WebNatics CRM SystemHomeContactsActivitiesSearch CustomersSearch

Edit Contact

MilanSoft (pvt) Ltd

sithanojan@yahoo.com

0755554715

save

Delete Contact

127.0.0.1:8000/contact

WebNatics CRM SystemHomeContactsActivitiesSearch CustomersSearch

List of Contacts

Create New Contact

Number	Customer Name	Email	Updated at	
1	suhepandd	suheepa@yahoo.com	2017-04-17 18:01:36	Edit delete
2	Mathoosan	smathusan@yahoo.com	2017-04-17 09:08:57	Edit delete
3	hjhjhjhjh	sith.suhee.9	2017-04-17 09:42:57	Edit delete
4	gghggh	sithanojan@yahoo.com	2017-04-17 14:45:36	Edit delete
5	hghghghg	hghhghg@yahoo.com	2017-04-17 14:45:46	Edit delete

127.0.0.1:8000 says:

Are you sure to remove this data

OKCancel

## Create Activity

127.0.0.1:8000/activity/create

WebNatics CRM System Home Contacts Activities Search Customers Search

### Create activity

Abelsoft (pvt) Ltd

18/04/2017

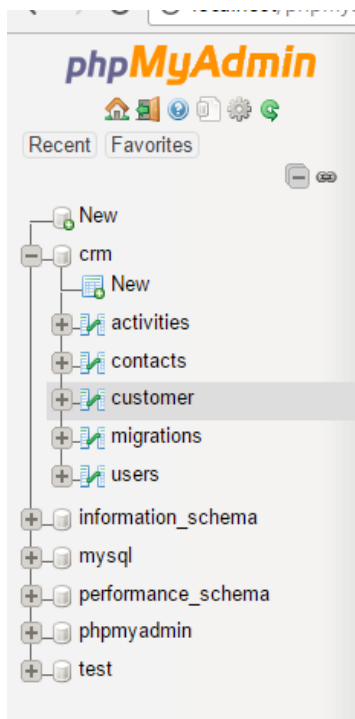
Email

Pending

Anojan

save

## MySQL Database



## Creating Pagination

Watched in Youtube : Laravel 5.4 Tutorial - Pagination and Simple Pagination #1 - Part 31 - Bitfumes

## Search Records

master.blade.php:

<div class="col-md-6">

```

{!! Form::open(['method'=>'GET','url'=>'blog','class'=>'navbar-form navbar-left','role'=>'search'])!!}

<div class="input-group custom-search-form">

<input type="text" name="search" class="form-control">

<span class="input-group-btn">

<button type="submit" class="btn btn-default-sm">

<i class="fa fa-search"></i>

</button>

</span>

</div>

</div>

</div>

{!! Form::close() !!}

```

Follow this: <http://stackoverflow.com/questions/34438801/why-my-form-open-not-working-in-laravel-5-1>

CustomerController.php :

```

public function index()
{
    //show data

    // $customer = CustomerModel::all(); If you want to display everything without pagination
    // $customer = CustomerModel::paginate(5);
    // return view('customer.index',['customers' => $customer]);

    $search = \Request::get('search');

    $customer = CustomerModel::where('company_name','like','%'.$search.'%')->orderBy('id')->paginate(5);

    return view('customer.index',['customers' => $customer]);
}

```

## References

<https://scotch.io/tutorials/easy-and-fast-emails-with-laravel-5-3-mailables>

<https://www.sitepoint.com/crud-create-read-update-delete-laravel-app/>

<http://stackoverflow.com/questions/34438801/why-my-form-open-not-working-in-laravel-5-1>