

SXIMO 7

USERS GUIDE

Copyright

Copyright © 2015 Mangopik LTD

All rights reserved. No part of this book may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, without the prior written permission of the publisher, except in the case of brief quotations embedded in critical articles or reviews.

Every effort has been made in the preparation of this book to ensure the accuracy of the information presented. However, the information contained in this book is sold without warranty, either express or implied. Neither the author nor company will be held liable for any damages caused or alleged to be caused directly or indirectly by this book.

Mangopik LTD has endeavored to provide trademark information about all of the companies and products mentioned in this book by the appropriate use of capitals. However, the Author cannot guarantee the accuracy of this information.

About The Author

Taufik Firmansyah (Mangopik) is just an ordinary programming hobbies . He live in Bandung , Indonesia . He has been developing software for almost 10 years . **Mangopik** is a Web Programming specialist , especialyst PHP , MySQL , JQuery and HTML 5

He Has been working with number of company on indonesia before he decide to write sximo 5 script . Now , He is CEO of his own Company **Mangopik LTD**

Mangopik has been using Sximo 5 to work in his personal and company projects , then he decide to share sximo 5 script to others programming because he tought it maybe help them to save a ton of time while building project for they clients.

You can tweet Him at [@sximobuilder](https://twitter.com/sximobuilder) or e-mail him at sximobuilder@gmail.com

Introducing Sximo 7

The Real framework environment to Build Backend Administrator & Frontend for real Internet / Intranet web application with a tons of additional cms plugin possibility.

SximoBuilder is a powerful automation tool that can generate a full set of PHP quickly from MySQL. You can instantly create web sites that allow users to view, edit, search, add and delete records on the web. SximoBuilder is designed for high flexibility, numerous options enable you to generate PHP applications that best suits your needs. The generated codes are clean, straightforward and easy-to-customize. SximoBuilder can save you tons of time and is suitable for both beginners and experienced developers alike

Table of Contents

Copyright	2
About The Author	2
Introducing Sximo 7	2
Getting Started	6
System Requirment	6
Installation	6
Create new database installation	7
Configuration Installation	7
Setting Up Application	8
General Setting	8
Email Templates	8
Login And Security	9
Translation	9
Clear Caches This will be used for clear any caches at the application	10
Setting Up Social Network	11
Page CMS	13
Frontend GRID	14
Frontend Form	14
Modules	17
What's Module ?	17
Core Module	17
Custom (Installed) Module	17
Create New Module	17
Edit Current Module	19
MySQL Editor	20
Table Editor	21
Limit	22
Connect / Lookup field	22
Caption / Label	22
Show	22
VD (View Detail)	22
ST (Shortable)	23
DW (Download)	23
Width *	23

Align *	23
Formatter	23
1. Date	23
2. Image	23
3. Link / Mailto	23
4. Checkbox / Radio	24
5. Files Download	24
6. Function * (Required Ajax Plugins)	24
7. Database * (Required Ajax Plugins)	25
Form Editor	25
Text	26
Date	26
Date Time	26
Textarea	26
Textarea with Editor	26
Select	27
Select Lookup	27
Select Nested Lookup (Cascade)	27
Radio	28
Checkbox	29
Sub Form	29
Form Design	30
Master Detail	30
Permission	31
Rebuild Option	31
Core Module	33
Users Management	33
Blast Email	34
Groups Management	34
Post Management	35
Activity Logs	35
RestAPI Client	35
Available Access Via API	36
Access API Via Javascript	36
Access API Via PHP CURL	37
Menu Management	39

Translation / Multilanguage	40
Adding New Language Via App.	40
Adding New Language Manually	41

1

Getting Started

System Requirement

To make Sximo Builder running on your , you need to make sure your server match with minimum requirement

- Apache, nginx, or another compatible web server. PHP >= 7.2.x >> Higher
- MySQL Database server
- OpenSSL PHP Extension
- Mbstring PHP Extension
- Tokenizer PHP Extension
- Module Re_write server
- PHP_CURL Module Enable

Installation

Preparing Installation

Download ZIP package and unzip it.

Name	Date modified	Type	Size
database	11/23/2019 9:28 AM	File folder	
documentation	12/21/2020 2:02 PM	File folder	
sximo7	12/21/2020 1:56 PM	WinRAR ZIP archive	40,088 KB

Inside unzipped folder you will find folder directory like bellow.

```
sximo7.zip  
database  
documentation
```

Create new app directory on your web directory server

Simply put all files inside directory sximo to your app folder.

Create new database installation

You need to **create new database** , you can use phpmyadmin or any mysql database tools such maestro , sqlyog etc

After new database created , now import **database/database.sql** file into your new database



Configuration Installation

1. Open config/app.php file using your favorite php editor

2. **Setting Url And Licence**

```
'url' => 'http://127.0.0.1/yourapp/public',
```

3. **Setting Database Info**

Open .env file using your favorite php editor

4. **Access your application**

Now access your application via your favorite browser

```
http://127.0.0.1/myapp/public
```

Default Login :

Email Address : superadmin@mail.com

Password : password

5. **Files Folder permission**

please make sure to set permission to 0775 at following file and folder on linux/unix server

```
/app/Http/Controllers/  
/app/Http/Models/  
/resources/views/  
/setting.php  
/storage/logs/
```

```
/storage/views/  
/storage/sessions/
```

6. Troubleshoot

Page not found after click any link

You need to make sure enabling module apache re_write module to make sure htaccess working

Setting Up Application

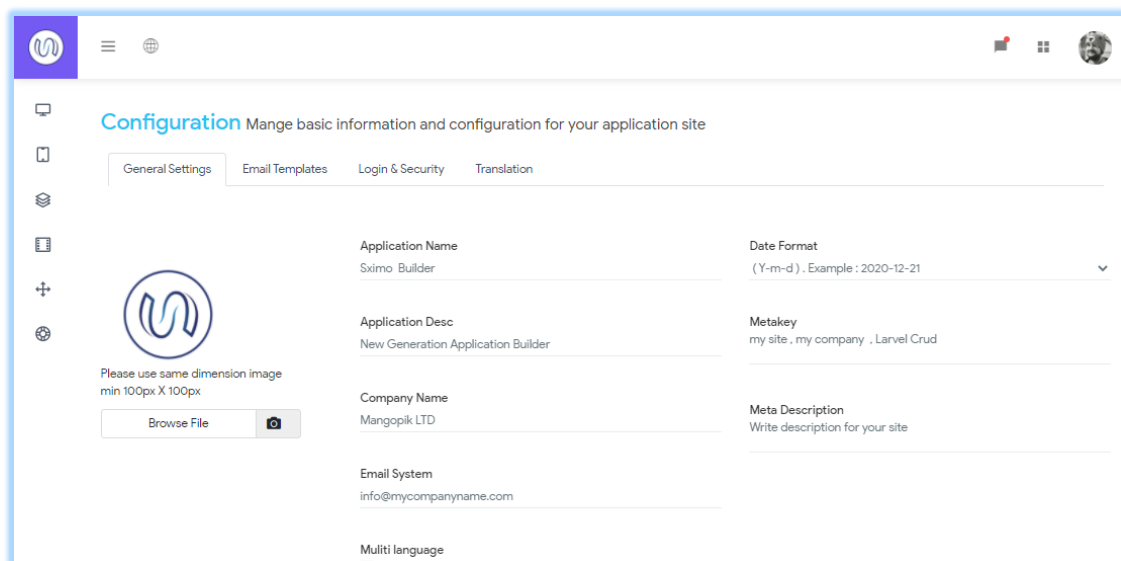
After your successful install your application , now you need to setting your app .
Log to your application and go to :

Control Panel -> Setting

you will find tab option at setting page

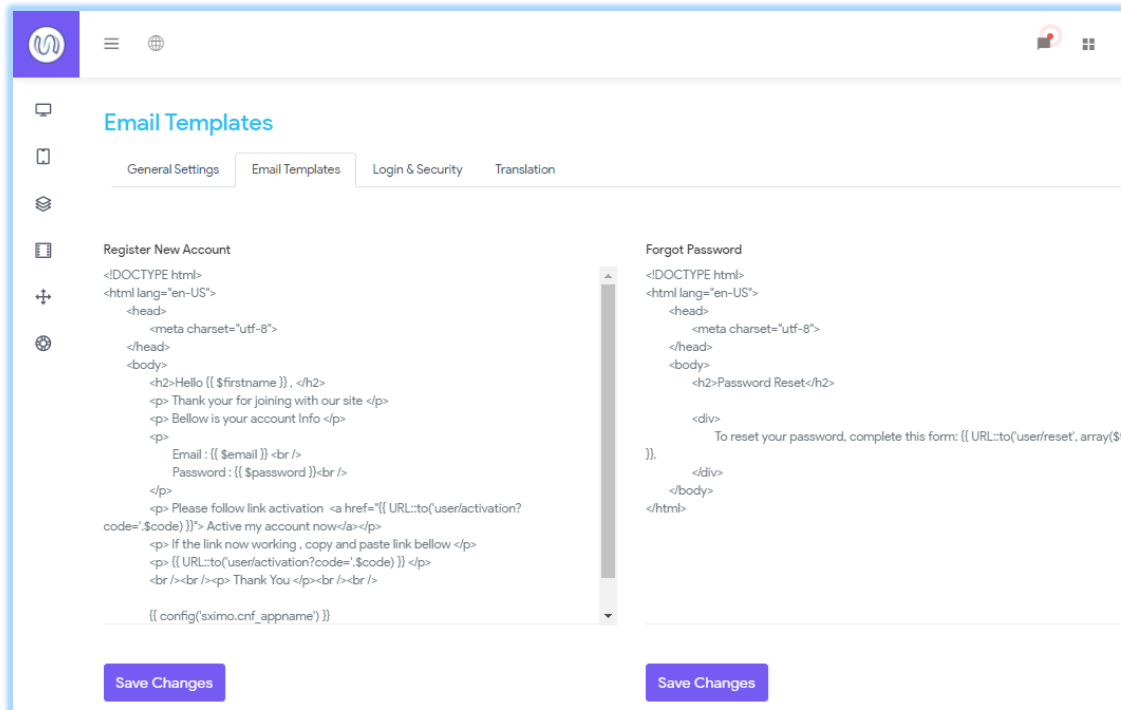
General Setting

Use this information for your company info and other general info



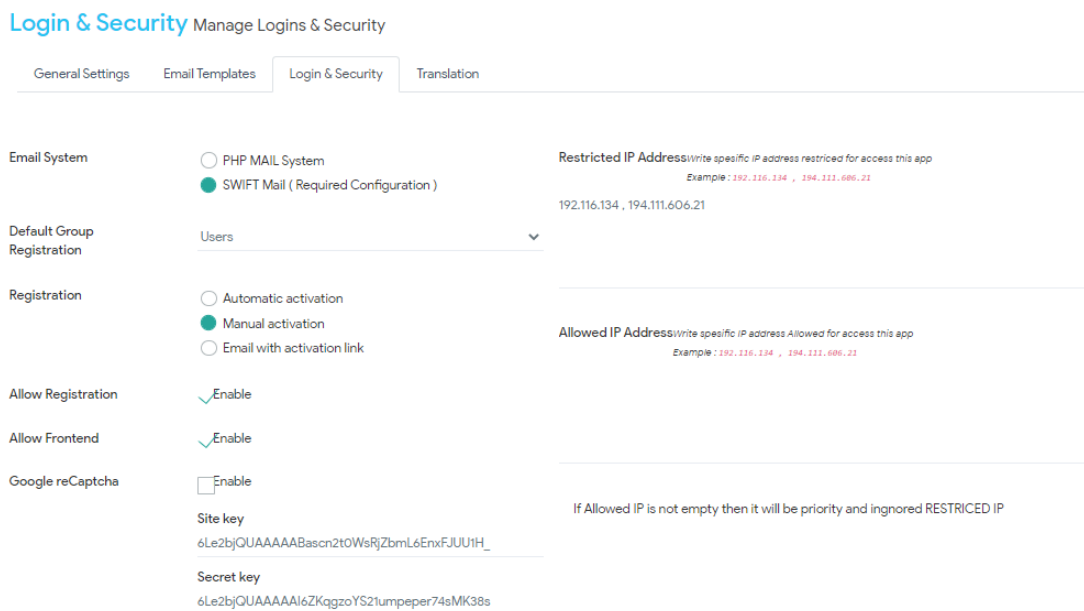
Email Templates

This will be used for sending email registration , forgot password and other needs



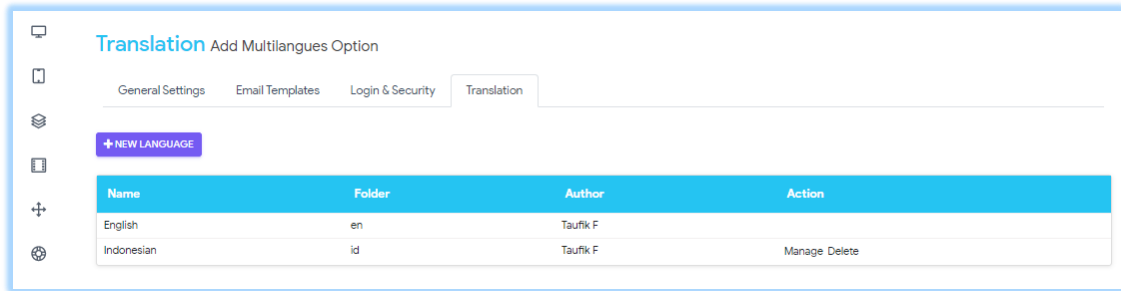
Login And Security

This will be used login option and some security for web



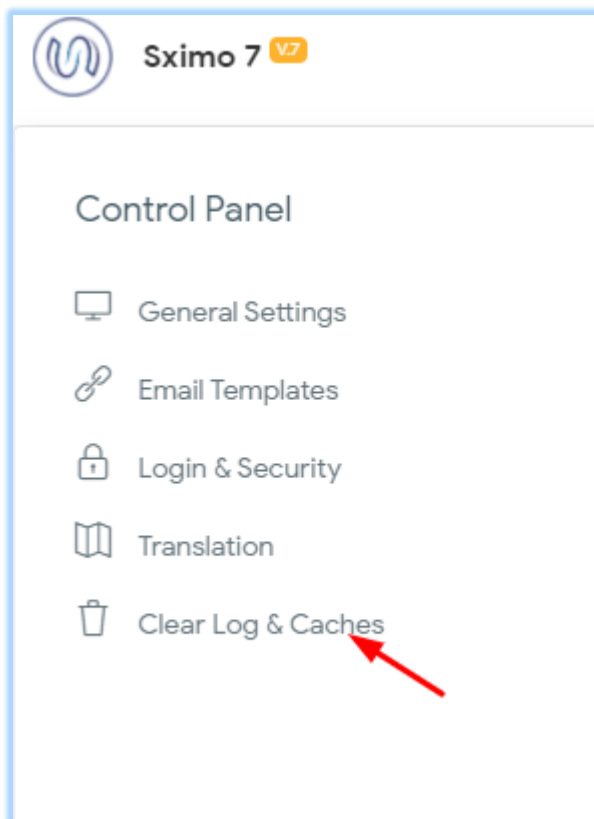
Translation

This will be used for managing multi languages



Clear Caches

This will be used for clear any caches at the application



Setting Up Social Network

Before you activate social media login , you need to register your webste and get API ID and SECRET . Please follow instruction for each account ID

GOOGLE +

- Go To : <https://code.google.com/apis/console/>
- Go to API Access under API Project. After that click on Create an OAuth 2.0 client ID to create a new application.
- A pop-up named "Create Client ID" will appear, fill out any required fields such as the application name and description.
- Click on Next.
- On the popup set Application type to Web application and switch to advanced settings by clicking on (more options).
- Provide this URL as the Callback URL for your application:
`http://mywebsite.com/user/google?hauth.done=Google`
- Once you have registered, copy and past the created application credentials (Client ID and Secret) into the setting page.

Edit File `config/services.php`

```
'google' => [  
    'client_id' => 'your_cliend_id_number',  
    'client_secret' => 'your_cliend_secret_number',  
    'redirect' => 'http://yourdomain/user/autosocial/google',  
],
```

FACEBOOK

- Go to <https://developers.facebook.com/apps> and create a new application by clicking "Create New App". 2. Fill out any required fields such as the application name and description.
- Put your website domain in the Site Url field.
- Once you have registered, copy and past the created application credentials (Client ID and Secret) into the setting page.

Edit File `onfig/services.php`

```
'facebook' => [  
    'client_id' => 'your_cliend_id_number',  
    'client_secret' => 'your_cliend_secret_number',  
    'redirect' => 'http://yourdomain/user/autosocial/facebook',  
],
```

TWITTER

- Go to <https://dev.twitter.com/apps> and create a new application.
- Fill out any required fields such as the application name and description.
- Put your website domain in the Website field.
- Provide this URL as the Callback URL for your application:
http://mywebsite.com/user/twitter?hauth.done=Twitter
- Once you have registered, copy and past the created application credentials (Client ID and Secret) into the setting page.

Edit File onfig/services.php

```
'twitter' => [  
    'client_id' => 'your_client_id_number',  
    'client_secret' => 'your_client_secret_number',  
    'redirect' => 'http://yourdomain/user/autosocial/twitter',  
],
```

SWIFT MAIL

If you want to use SWIFT mail as your default mail server , follow this step

Go to : Dashboard -> Control Panel -> Configuration -> Login & Security

- Select Mail System (SWIFT Mail)
- Open File .env fill this following config match your server info

```
MAIL_DRIVER=smtp  
MAIL_HOST=mail.sximobuilder.com  
MAIL_PORT=25  
MAIL_USERNAME=example@sximobuilder.com  
MAIL_PASSWORD=examplepassword  
MAIL_ENCRYPTION=null
```

- Open File /app/config/mail.php and fill this following config

```
'host' => env('MAIL_HOST', 'your'),  
'port' => env('MAIL_PORT', 465),  
'from' => ['address' => 'example@sximobuilder.com', 'name' =>  
'Sximo Builder'],
```

2

Page CMS

Page CMS allow you to create page for frontend (Public) or Private. This can be put for creating contact , about us , service , TOC etc

Bootstrap Element

We're really recommended that you learning twitter bootstrap css framework to use page editor . Sximo fully supported to use all bootstrap html and css syntac , all elements from bootsrap can be use to design your own page.

PHP Syntac inside page

You can use php code syntac inside page php using tag

```
<php> php code here </php/>
```

The screenshot displays the Sximo CMS page editor interface. The main area shows a code editor with HTML and PHP code for a contact page. The right sidebar contains settings for user roles, post status, and templates.

Title: Contact Us

URL: <http://localhost/sximo/builder/sximo7/public/contact-us>

```
1 <div class=" section bg-gray text-center" id="contact">
2
3 <div class="container">
4 <div class="section-header">
5 <h2>Contact Us</h2>
6 <p>Sed tamen tempor magna labore dolore dolor sint tempor duis magna elit veniam aliqua
7 </div>
8
9 <div class="row contact-info">
10
11 <div class="col-md-4">
12 <div class="contact-address">
13
14 <h3>Address</h3>
15 <address>A108 Adam Street, NY 535022, USA</address>
16 </div>
17 </div>
18
19 <div class="col-md-4">
20 <div class="contact-phone">
21
22 <h3>Phone Number</h3>
23 <p><a href="tel:+155895548855">+1 5589 55488 55</a></p>
24 </div>
25 </div>
26
27 <div class="col-md-4">
28
```

Settings:

- Administrator
- Users
- Allow Guest / Public:** Yes
- Post Status:** Enable, Disabled
- Template:** Frontend, Backend
- Set As Homepage ?** Yes
- Page Template:** Full Page

Frontend GRID

Everytime you made a module , you can display the list on frontend . to make frontend grid , you can view this example

Usage

let's say that you have made module **employee** , next to show the grid list on frontend , you need following this step

1. Create new page
2. copy this following code to your new page

```
<php> use \App\Http\Controllers\EmployeeController;  
echo EmployeeController::display(); </php>
```

Frontend Form

Everytime you made a module , you can display Form on frontend . to make Form grid , you can view this example

Usage

let's say that you have made module **employee** , next to show the grid list on frontend , you need following this step

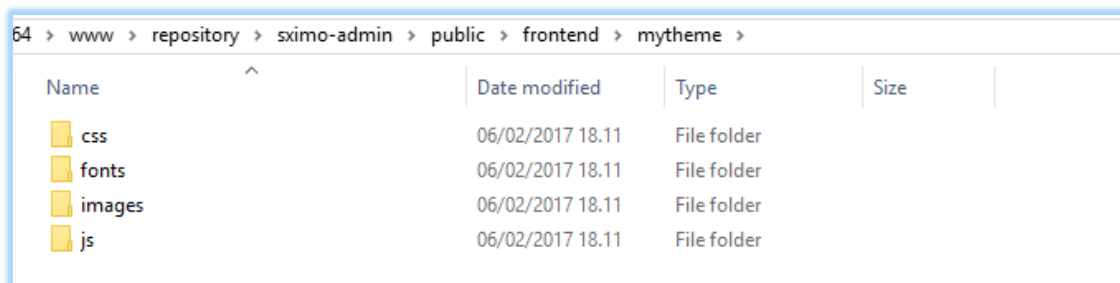
1. Create new page
2. copy this following code to your new page

```
!!SximoHelpers::showForm('employee') !!
```

Create folder inside /public/frontend

```
/public/frontend/mytheme
```

Put all assets (css , images, JS) and other library inside your new folder theme



Create Folder Inside

```
/resources/views/layouts/mytheme
```

i4 > www > repository > sximo-admin > resources > views > layouts >

Name	Date modified	Type	Size
bootstrap	26/01/2017 17.40	File folder	
mytheme	06/02/2017 18.14	File folder	
sailor	03/02/2017 10.02	File folder	
app.blade	02/02/2017 19.23	PHP File	9 KB
left.blade	30/01/2017 19.42	PHP File	9 KB
login.blade	01/02/2017 08.51	PHP File	3 KB
masterview.blade	30/01/2017 08.30	PHP File	1 KB
right.blade	28/11/2016 05.20	PHP File	9 KB
top.blade	29/01/2017 17.39	PHP File	6 KB

Theme folder file structure

There are number minimal file for every theme

```
index.blade.php
info.json
template/
    page.blade.php
    Backend.blade.php
```

Here are sample skeleton for

index.blade.php

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title> {{ $pageTitle }} | {{ CNF_APPNAME }} </title>
<meta name="viewport" content="width=device-width, initial-
scale=1.0" />
<meta name="description" content="Bootstrap 3 template for
corporate business" />
<link rel="shortcut icon" href="{{ asset('favicon.ico')}}"
type="image/x-icon">
<!--css ☐
<link href="{{ asset('frontend/mytheme/css/your_css_file.css')
}}" rel="stylesheet" />

<!--Javascript ☐
<script src="{{ asset('frontend/mytheme/js/your_js_file.js')
}}"></script>

</head>

<section id="main-content" >

    @include($pages)

</section>

<body>

</body>
</html>
```

Info.json

```
{
    "name"           : "My Own Theme ",
    "folder"        : "mytheme",
    "author"         : "My Name TM",
    "template"      : {
        "Default Page"      : "page",
        "Backend Template": "backend"
    }
}
```

Template/page.blade.php

```
{!! $content !!}
```

Template/backend.blade.php

```
@extends('layouts.app')
@section('content')
    {!! $content !!}
@stop
```

That's !

Depending on your template , you may want to create a lot of template . all you have to do is just register all your template at json file .

3

Modules

What's Module ?

A module is a part of a app. A module contain one or several routines that we call RUDSD (Create Read Update Delete Search and Download .
By default at the first time you create module , system will generate those routines. Except if your database table doesn't contain primary key, it only create routines View, Search and Download. there are 2 different module : CORE and Installed Module

Core Module

This is built in modules, come with default distribution. Please Do not updates those module, because those module already have customization, but if you know how it's work, then it's up to you. with your own risk ;)

Custom (Installed) Module

This is your module list, every time you create module, it will shown up at installed tab. Let's create your first module

Create New Module

Go to : Module -> Create

In Sximo 7.0 LTS , we have added 4 option of CRUD .

1. CRUD Module This is fully CRUD functionality
2. Blank Module This is only generate complete blank template files
3. Report Module Used this for generate report without CRUD
4. Ajax Full CRUD (**this is required paid addon**)

Before you create module , you have to create table for module you will build . this app doesn't have feature to create table database , so you need phpmyadmin or other mysql tools for creating table

Create New Table

Copy table schema for employee into your phpmyadmin and run query

```
CREATE TABLE `employee` (  
  `EmployeeId` int(11) NOT NULL AUTO_INCREMENT,  
  `LastName` varchar(20) CHARACTER SET utf8 NOT NULL,  
  `FirstName` varchar(20) CHARACTER SET utf8 NOT NULL,  
  `ReportsTo` int(11) DEFAULT NULL,  
  `BirthDate` date DEFAULT NULL,  
  `HireDate` date DEFAULT NULL,  
  `Phone` varchar(24) CHARACTER SET utf8 DEFAULT NULL,  
  `Email` varchar(60) CHARACTER SET utf8 DEFAULT NULL,  
  `Foto` varchar(100) DEFAULT NULL,  
  `Status` enum('0','1') DEFAULT NULL,  
  PRIMARY KEY (`EmployeeId`),  
  KEY `IFK_EmployeeReportsTo` (`ReportsTo`)  
) ENGINE=MyISAM AUTO_INCREMENT=24 DEFAULT CHARSET=latin1;  
INSERT INTO `employee` (`EmployeeId`, `LastName`, `FirstName`, `ReportsTo`, `BirthDate`,  
  `HireDate`, `Phone`, `Email`, `Foto`, `Status`) VALUES  
(16, 'Zabbaleta', 'Montero', 0, '0000-00-00', '0000-00-00', '010939948',  
  'robert@chinookcorp.com', NULL, '0'),  
(20, 'Bandford', 'zee', 19, '2015-03-13', '2015-02-24', '010939948', 'akka@gmail.com', NULL,  
  '1'),  
(21, 'Marchisio', 'lucas', 16, '1987-07-30', '2007-01-01', '010939948', 'ganteng@gmail.com',  
  NULL, '1'),  
(17, 'Tevez', 'Leo', 5, '2012-12-12', '0000-00-00', '000000', 'sample@gaillcom', '', '1'),  
(23, 'Pepe', 'Steve', 0, '2014-04-24', '2014-04-24', '1 (780) 836-9987',  
  'steve@chinookcorp.com', '', '0'),  
(7, 'Alberto', 'Robert', 0, '2014-04-24', '2014-04-24', '+1 (403) 456-9986',  
  'robert@chinookcorp.com', '', '0'),  
(14, 'Franchis', 'zoo', 1, '2015-01-08', '2015-01-14', '010939948', 'robert@chinookcorp.com',  
  '', '1'),  
(19, 'Aguero', 'kimono', 3, '0000-00-00', '0000-00-00', '123123123',  
  'robert@chinookcorp.com', NULL, '1');
```

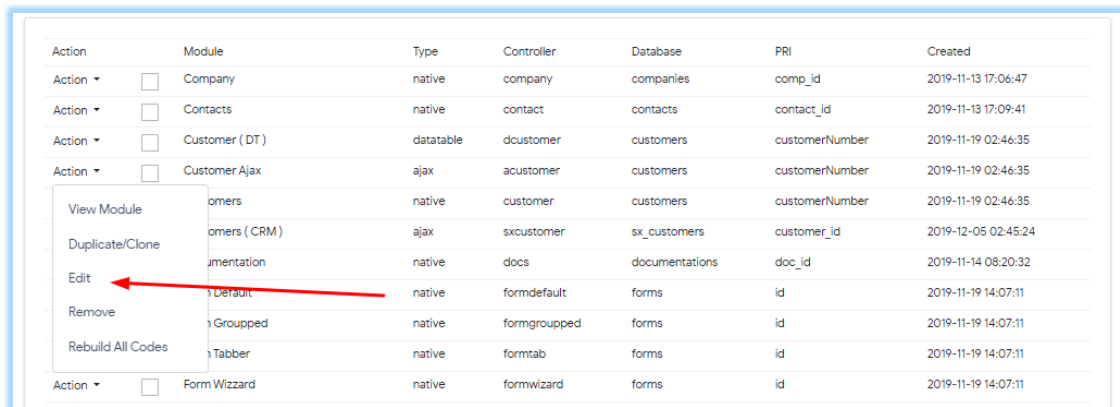
Fill the Form

Module Name / Title	Title Name
Module Note	Short description module
Template :	<input type="radio"/> jQuery CRUD Generator Build Module with jQuery.net Plugins
	<input type="radio"/> Blank Module (Template) Create template controller, model and views files for your own custom module
	<input type="radio"/> DataTable CRUD Build Module with DataTable.net Plugins
	<input type="radio"/> PHP/aravel Native CRUD Add,Edit,View in new page. Native php sorting and pagination
	<input type="radio"/> Report Module Used for table view (MySQL View Table Schema)
Class Controller	Class Controller / Module Name

Now fill create new module form using following info

- Module Name / Title : **Employee**
- Module Note : **View All Employee Data**
- Template : **Full CRUD** .
- Class Controller : **employee**.
- Table Master : **employee**.
- Select SQL statement: **Check Auto SQL**
- Click Button **Submit**

If you not getting any error , its should be redirecting you to module manager page



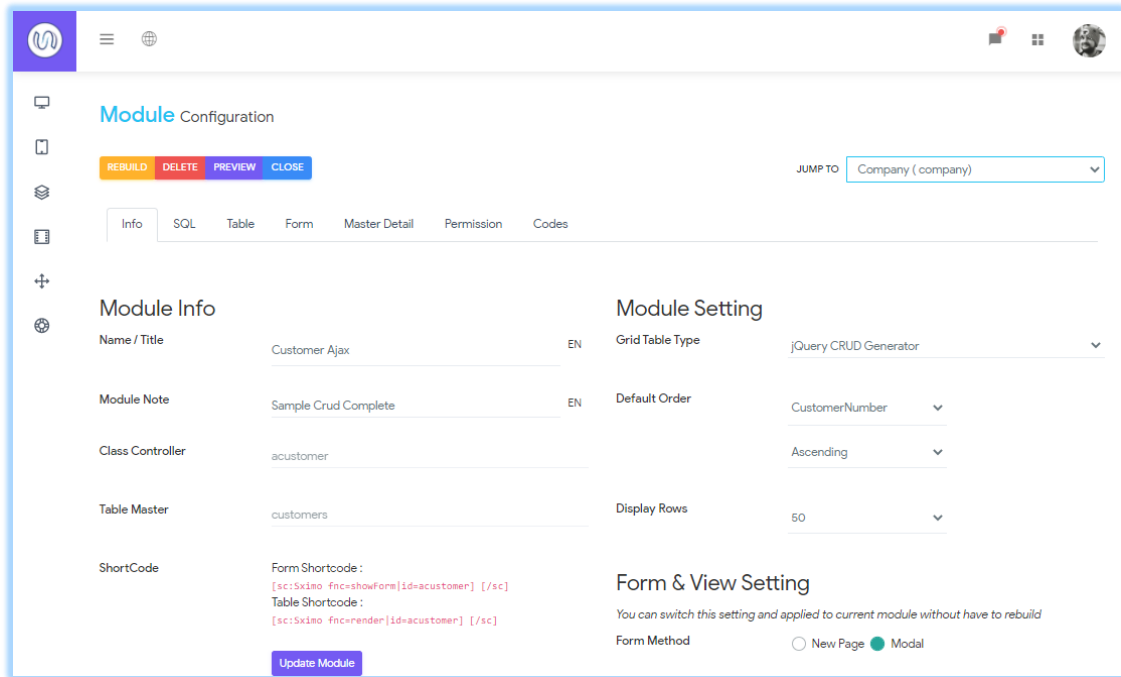
Action	Module	Type	Controller	Database	PRI	Created
Action ▾	<input type="checkbox"/> Company	native	company	companies	comp_id	2019-11-13 17:06:47
Action ▾	<input type="checkbox"/> Contacts	native	contact	contacts	contact_id	2019-11-13 17:09:41
Action ▾	<input type="checkbox"/> Customer (DT)	datatable	dcustomer	customers	customerNumber	2019-11-19 02:46:35
Action ▾	<input type="checkbox"/> Customer Ajax	ajax	acustomer	customers	customerNumber	2019-11-19 02:46:35
View Module	omers	native	customer	customers	customerNumber	2019-11-19 02:46:35
Duplicate/Clone	omers (CRM)	ajax	sxcustomer	sx_customers	customer_id	2019-12-05 02:45:24
Edit	umentation	native	docs	documentations	doc_id	2019-11-14 08:20:32
Remove	Default	native	formdefault	forms	id	2019-11-19 14:07:11
Rebuild All Codes	Grouped	native	formgrouped	forms	id	2019-11-19 14:07:11
	Tabber	native	formtab	forms	id	2019-11-19 14:07:11
Action ▾	<input type="checkbox"/> Form Wizard	native	formwizard	forms	id	2019-11-19 14:07:11

From list installed module, click button gear dropdown and click view module. You should see you module grid with complete function !.

Edit Current Module

Go to : Control Panel -> Code Builder -> Your module -> Click button gear -> Edit

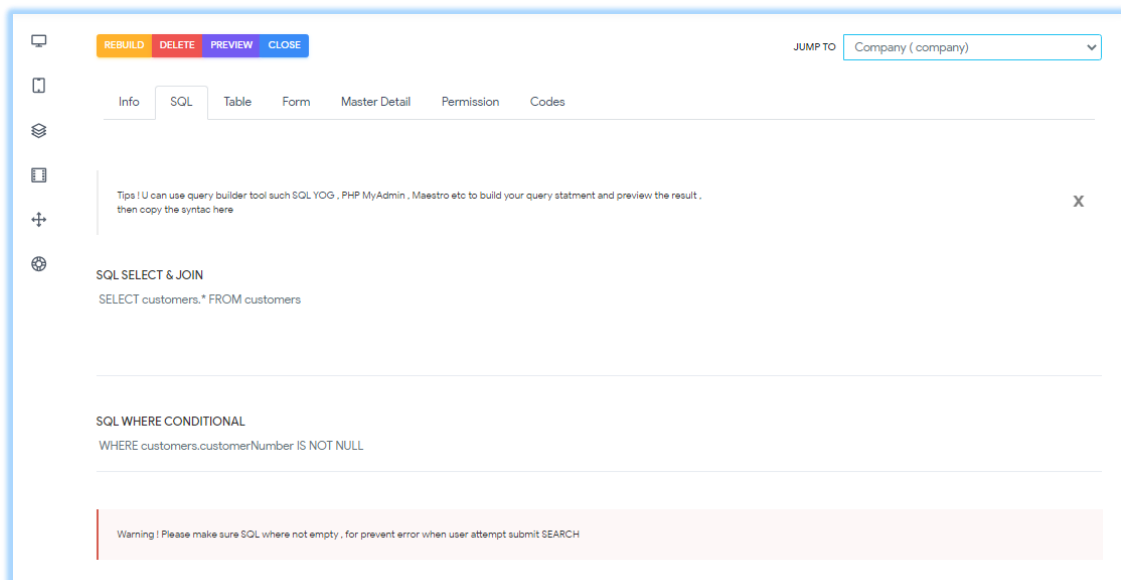
From list installed module , click button gear dropdown and click Edit module. Then you should able to see edit form and following tabs
INFO , SQL , TABLE , FORM , MASTER DETAIL , PERMISSION , REBUILD



MySQL Editor

Go to : Control Panel -> Code Builder -> Your module -> Click button gear -> Edit -> SQL

At the first time you create module, system will create automatic single query table



Why SXIMO BUILDER Creating automatic " WHERE employee.Employeeid IS NOT NULL " ? this is for prevent error when users submit search form.

Every fields included on query select, will be displaying at grid table including fields from join table. so make sure every field you want to show on table grid and view detail, must be on your query statement

*Everytime you made changes with SQL editor , you have to **rebuild** Files*

Everytime you made changes with SQL editor , you have to **rebuild** Files

Working with join Query (Displaying 2 or more table)

Example Join Query

```
SELECT customer.*,tb_users.* FROM customer LEFT JOIN tb_users
ON customer.staffid = tb_users.id
```

If we using above statment , Grid table will automatically displaying all SELECT statment from 2 tables.

Keep in your mind , although we can displaying table grid form 2 or more table , form , insert , edit and remove operation only affected for 1 table (primary table)

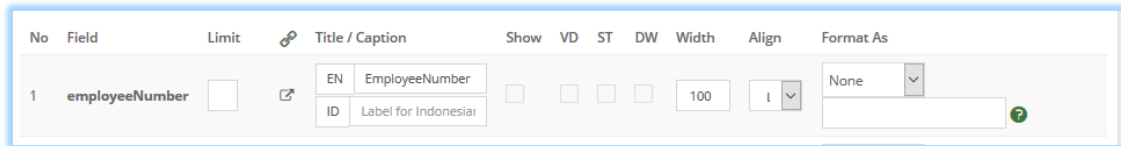
Table Editor

Go to : Control Panel -> Code Builder -> Your module -> Click button gear -> Edit -> Table

By Default , after build new module , grid will displaying all field into table

No	CustomerName	Last Name	FirstName	Phone	City	State	Sales	Action
1	Atelier graphique	Schmitt	Carine	40.32.2555	Nantes		Gerard Hernandez	Action
2	Signal Gift Stores	King	Jean	7025551838	Las Vegas	NV	Leslie Thompson	Action
3	Australian Collectors, Co.	Ferguson	Peter	03 9520 4555	Melbourne	Victoria	Andy Fixter	Action
4	La Rochelle Gifts	Labrune	Janine	40.67.8555	Nantes		Gerard Hernandez	Action
5	Baane Mini Imports	Bergulfsen	Jonas	07-98 9555	Stavern		Barry Jones	Action
6	Mini Gifts Distributors Ltd.	Nelson	Susan	4155551450	San Rafael	CA	Leslie Jennings	Action
7	Havel & Zbyszek Co	Plestrzeniewicz	Zbyszek	(26) 642-7555	Warszawa			Action
8	Blauer See Auto, Co.	Keitel	Roland	+49 69 66 90 2555	Frankfurt		Barry Jones	Action
9	Mini Wheels Co.	Murphy	Julie	6505555787	San Francisco	CA	Leslie Jennings	Action
10	Land of Toys Inc.	Lee	Kwai	2125557818	NYC	NY	George Vanauf	Action
11	Euro+ Shopping Channel	Freyre	Diego	(91) 555 94 44	Madrid		Gerard Hernandez	Action

You can control Field to show (table grid) , view detail (view detail page) , sortable (allow users to sort order by field) , download (include field to be downloadable)



Limit

Used for limit view , means : field only able to view by spesific ID users

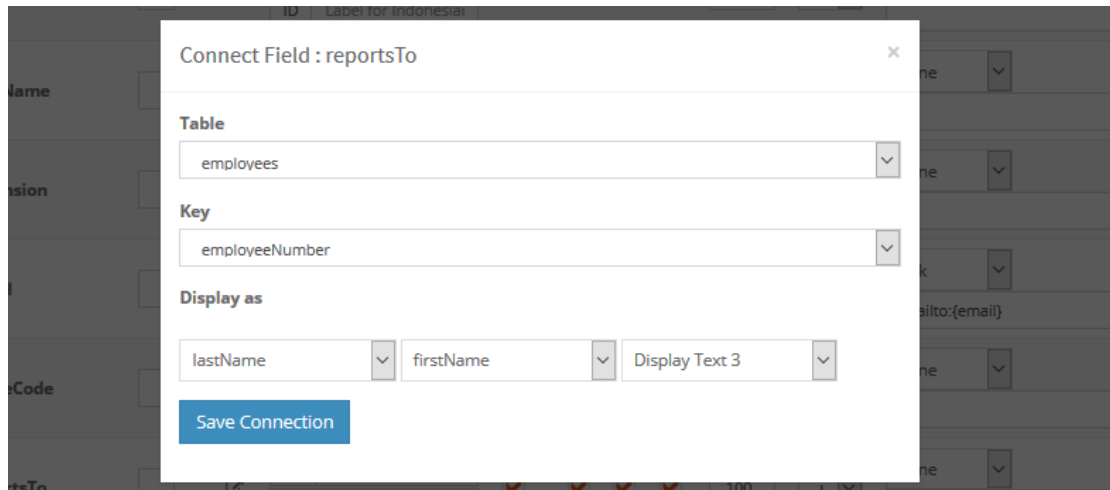
Usage :

1, 2, 3, 4, 5

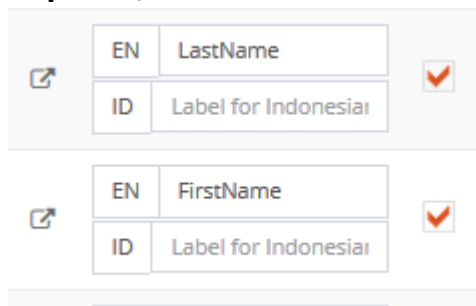
Number indicating userID

Connect / Lookup field

Connect field to database to get real value



Caption / Label



Multiple lang Field required **ajax plugins**

Show

Field are show at grid table / index

VD (View Detail)

Field available/ shown on view detail every row

ST (Shortable)

Display table are able to be shorted by this field

DW (Download)

Field are included on generated download files

Width *

Define width for spesific field

Align *

Display field align to left , right or center

Formatter

Format field value into other format value

1. Date

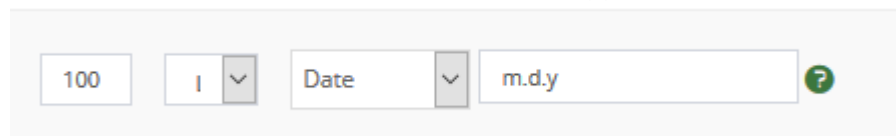
Reformat Date into your own desire

You can use PHP format from native php , please check here

<http://php.net/manual/en/function.date.php>

Usage :

```
F j, Y, g:i a // March 10, 2001, 5:16 pm
m.d.y // 03.10.01
j, n, Y // 10, 3, 2001
Ymd // 20010310
H:i:s // 17:16:18
Y-m-d H:i:s // 2001-03-10 17:16:18
```



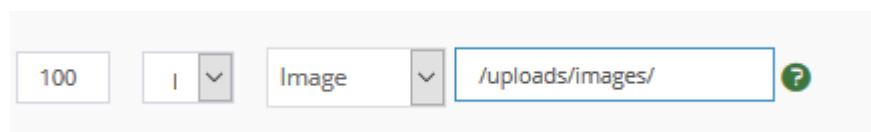
2. Image

Display current value into format image or download

Usage :

```
/uploads/_your_folder_name/
```

Example :

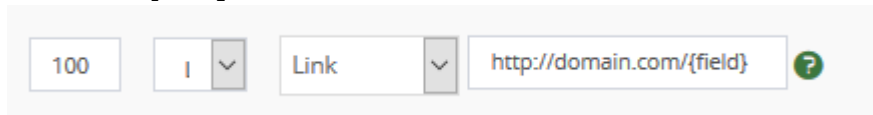


3. Link / Mailto

Make current value as link to other page or other web

Usage :

`http://yourlink.com/{field}`

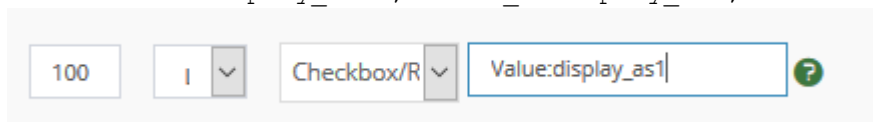


4. Checkbox / Radio

Make current into readable format

Usage :

`Value:display_as1 , value_2:display_as2,...`



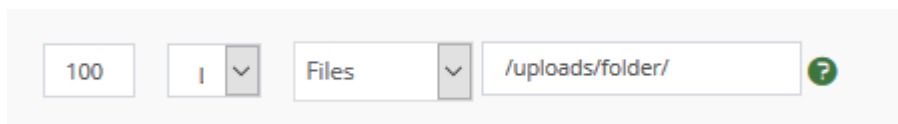
5. Files Download

Make current value download link

Usage :

`/uploads/_your_folder_name/`

Example



6. Function * (Required Ajax Plugins)

This is wild function for format current value into any format where its not covered by default formatter from sximo builder

Usage :

`Class|method|params`

Make sure the class is exists before register function into grid table . to make your own class , create new file inside folder `/app/Library/MyFunction.php`

Helpers Class Format

```
<?php

class MyFunction {

    public function firstFunction()
    {
```



```

        return 'some value';
    }
}
Composer dump-autoload

```

Example :

7. Database * (Required Ajax Plugins)

Format curent value into value from database

Usage :

```
Table_name|id|field_to_display
```

Example :

Form Editor

Go to : Control Panel -> Code Builder -> Your module -> Click button gear -> Edit -> Form

Form is the most important feature from CRUD activity . Form only can work on single table , this mean you only can manage operation such insert and update into one table at the same time.

At this moment , system only able to work with , Hiddem Form , Text Form , Date Form , Date Time , Select , Checkbox , Radio
Hidden

Hidden

type is used for Primary Key with autoincrement

The important thing from the form is your table Must have field type auto increment. this will be KEY for insert or update row table.

Now for auto increment field , you must make type form HIDDEN , NO REQUIRED and SHOW.

Text

Text type is used for collecting text or number from users

Form Type

Date

Date type is used for collecting date input , the input will have popup datepicker to make sure user input right type of date . Your field table must be set as date field (Y-m-d)

Form Type

Date Time

Datetime type is used for collecting date+time input , the input will have popup datepickertime to make sure user input right type of date . Your field table must be set as date field (Y-m-d H:i:s)

Form Type

Textarea

Text type is used for collecting long text or number from users

Form Type

Textarea with Editor

Text type is used for collecting long text or number from users with editor

Form Type

Select

Select used for value with option as your own defined , the format value as below

```
Key_value : display_value
```

Form Type

Data Type Custom Value
 Database

Custom Value

1	Enable	-
2	Disable	-
+		

Select Lookup

Select used for value with option from database , the format value as below

```
Database Table  
Primary_key  
Display_name1 ( required )  
Display_name2 ( optional )  
Display_name3 (optional)
```

Form Type

Data Type Custom Value
 Database

DataBase Select

Display #1 :

Display #2 :

Display #3 :

Select Nested Lookup (Cascade)

Example you have 3 database tables

```
Customer , country and city
```

Step 1 , create module as usualy for customer using code builder

Step 2 , edit form, make **county_id** as select lookup to table country

Step 3 , edit form, make **city_id** as select lookup to table city

Scenario

everytime you select country , all city list should change following selected **country_id** Now go to editor form tab and edit field **city_id** , check parent filter checkbox and fill the input form with **country_id**

Last Step rebuild the form and you will see , everytime country selected , all city list will changed

Form Type

Data Type Custom Value
 Database

DataBase Select

Display #1 :

Display #2 :

Display #3 :

Parent Filter

Allow Multiple

Radio

Radio used for value with option as your own defined , the format value as below

Key_value : display_value
Key_value2 : display_value2

Example :

Form Type

Data Type Custom Value

Custom Value

1	Enable	-
2	Disable	-
		+

Checkbox

Checkbox used for value with option as your own defined , the format value as below

```
Key_value : display_value  
Key_value2 : display_value2
```

Example :

Form Type

Data Type Custom Value

Custom Value

1	Enable	-
2	Disable	-

+

Upload (File / Images)

Upload type is used for collecting image or file from users . All files and images stored at specific folder

So make sure you create directory at uploads/your_directory_name

Form Type

Upload File

File

Image / Picture

Resize Image to ? : Width : Height :

Allow Multiple

[More Option](#)

Files : Used for download

Images : Used for display as image

Sub Form

Subform is a child form in master form . basically its combain form from 2 modules , the one is as master form and other is child .

All	Info	SQL	Table	Form	Master Detail	Permission	Codes	Rebuild	Switch ▾
Form Configuration		Sub Form		Form Layout					
Subform Title ▾		Items							
Master Form Key ▾		orderNumber ▾							
Take FORM from Module		Order Details ▾							
Sub Form Database ▾		orderdetails ▾							
Sub Form Relation Key ▾		orderNumber ▾							
<input checked="" type="checkbox"/> Save Master Detail				<input type="checkbox"/> Remove					

This features usable for collection/manage one to many data via form .

Form Design

Design layout as 1,2 or 3 columns . this feature usable if you large of form input .

Number Of Block : 2 Block ▾	Display Form As : <input checked="" type="radio"/> Grid <input type="radio"/> Tab	Once you made changes on layout , please rebuild Form Files to take affect <input type="button" value="Save Layout"/>
	Form Layout : <input checked="" type="radio"/> Normal <input type="radio"/> Vertical	

Block Title 1 Order Info	Block Title 2 Detail
<input type="text" value="OrderNumber"/> <input type="text" value="Customer"/> <input type="text" value="Comments"/>	<input type="text" value="OrderDate"/> <input type="text" value="RequiredDate"/> <input type="text" value="ShippedDate"/> <input type="text" value="Status"/>

Master Detail

Go to : Control Panel -> Code Builder -> Your module -> Click button gear -> Edit -> Master Detail (Lookup)

Master detail is a way to filter grid with spesific ID from master grid . Its work like shortcut button.

Ilustration you have 2 grid table , and the 2st table contain relation key from #1 table. so you want to add additional button from #1 table to manage grid with selected ID from #1 table.

Edit your module and point to Master Detail Tab :

Title	Master Key	Module Class	Database Table	Relation Key	Action
Orders	customerNumber	orders	orders	customerNumber	
Payments	customerNumber	payments	payments	customerNumber	

As you can see from image above , this setting is from your 1# module/table . Once u done saving master detail setting dont forget to rebuild module (all files)

Permission

Go to : Control Panel -> Code Builder -> Your module -> Click button gear -> Edit -> Permission

Every CRUD module will have a couples function such view grid , add , edit etc . you can control wich group are able to access those function

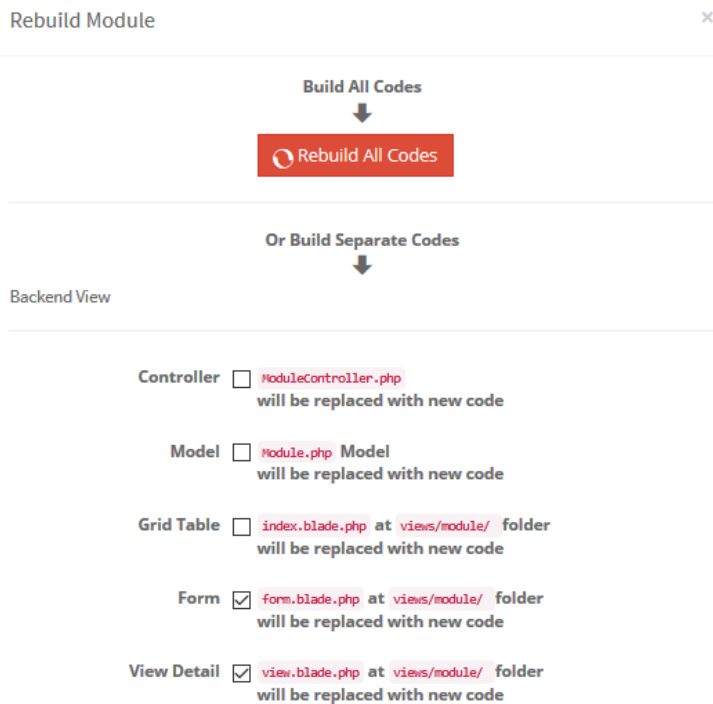
No	Group	Global	View	Detail	Add	Edit	Remove	Excel
1	Superadmin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Administrator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Users	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please Read !
 1. If you want users **only** able to access they own records , then **Global** must be **uncheck**
 2. When you using this feature , Database table must have **entry_by** field

Save Changes

Rebuild Option

Go to : Control Panel -> Code Builder -> Your module -> Click button gear -> Edit -> Rebuild



By default at the first time you create module, system will generate files such controller , model , index, form and view . Ofcourse when application in development mode , there're possibility you made some changes from table , form grid etc. We try to cover this possibility by adding rebuild modules features

Database table synchronize

Next, when you have current module with table A then you alter table,(insert or delete fields from current database), this will make module error

Go to : Control Panel -> Code Builder -> Your module -> Click button gear -> SQL

RE-Save your SQL stament , the system will collect new information from your table fields . Once you done , then you have to rebuild files Model , View and Form

Rebuild Form

After you made changes for setting/design you have to rebuild form files

Rebuild View Detail

After you made changes at table setting for view detail you have to rebuild view files

Rebuild Grid Table and controller

Little possibility to rebuild controller and index table, since we design controller and index table works automatic reading realtime module configuration . so when you need to rebuild both controller and index table ? Usualy when you upgrade version

4

Core Module

This is built in modules, come with default distribution. Please Do not updates thooss module, because those module already have customization, but if you know how it's work, then it's up to you. with your own risk ;)

Users Management

Manage Current Users

No	Action	Avatar	Group	Username	First Name	Last Name	Email	Active
1			Superadmin	superadmin	Root	Admin	superadmin@mail.com	Active
2			Administrator	mangopik	TFSI	More	tfmore@mail.com	Active
3			Users		Taufik	Firmansyah	sximobuilder@gmail.com	Active

Blast Email

Send Email to users based on groups

Send email to users

Users Groups **Send Email**

Subject:

Send To: Superadmin Administrator Users

Status: All Status Active Unconfirmed Blocked

Email Message:

Groups Management

Manage Current Groups . superadmin have full access to All Modules , Setting and CRUD Builder

No	Action	ID	Name	Description	Level
1		1	Superadmin	Root Superadmin , should be as top level groups	1
2		2	Administrator	Administrator level, level No 23	2
3		3	Users	Users as registered / member	3

Post Management

Manage Blog , Post , Articles for frontend website

No	<input type="checkbox"/>	Action	Date	Title	Status	Views	Labels	Author	Comment(s)
1	<input type="checkbox"/>		Feb 02,2017	Printing And Typesetting Industry		94	sximo5,code builder , tutorial, module	mangopik	2
2	<input type="checkbox"/>		Aug 28,2016	Remaining essentially unchanged		66	sximo,tutorial	superadmin	1
3	<input type="checkbox"/>		Aug 22,2016	New Sximo 5.1.6 Sept 2016		16	sximo,tutorial	superadmin	2

Activity Logs

Manage Log activities from users

No	<input type="checkbox"/>	IPs	Users	Module	Task	Action
1	<input type="checkbox"/>	::1	Root	datauser	save	
2	<input type="checkbox"/>	::1	Root	core	posts	
3	<input type="checkbox"/>	::1	Root	core	posts	
4	<input type="checkbox"/>	::1	Root	sximo	rac	

5

RestAPI Client

Go to : Control Panel -> RestApi Client

You can easily manage users and module access via RestApi Client Editor

No	<input type="checkbox"/>	Action	ID	Key	Access To :	How To Use ?
1	<input type="checkbox"/>		superadmin@mail.com	nGMnkW-pDB5g-aYThxG-EbD2z	order	
2	<input type="checkbox"/>		tfmore@mail.com	hdXLg8-kyEMU-hVHDP8-kt5Y	faq,datauser	
3	<input type="checkbox"/>		superadmin@mail.com	8mk75w-vM4Fr-LxgtnN-9UaPY	datauser	

Page Sort Order Total : 3

Available Access Via API

Method	Path	Action	Route Name
GET	http://yourapp.com/sximoapi?module={module_name}	index	sximoapi.index
POST	http:// yourapp.com/sximoapi?module={module_name}	store	sximoapi.store
GET	http:// yourapp.com/sximoapi/id?module={module_name}	show	sximoapi.show
PUT/PATCH	http:// yourapp.com/sximoapi/id?module={module_name}	update	sximoapi.update
DELETE	http:// yourapp.com /sximoapi/id?module={module_name}	destroy	sximoapi.destroy

Access API Via Javascript

Retrive All data from spesific module

```
$.ajax({
  dataType    : "json",
  url        :
  'http://yourdomain.com/sximoapi?module=employee',
  headers    : {"Authorization": "Basic " +
  btoa("superadmin@mail.com:pLihtt-I4jzL")},
  success    : function(data){
    // Do return value here //
  }
})
```

View Detail data from spesific module

```
$.ajax({
  dataType    : "json",
  type        : "GET",
  url        :
  'http://yourdomain.com/sximoapi/1?module=employee',
  headers    : {"Authorization": "Basic " +
  btoa("superadmin@mail.com:pLihtt-I4jzL")},
  success    : function(data){
    // Do return value here //
  }
})
```

Create new data

```
$.ajax({
```

```

        dataType    : "json",
        type        : "POST",
        data        : { "field":"value","field":"value" },
        url         :
        'http://yourdomain.com/sximoapi/1?module=employee',
        headers     : {"Authorization": "Basic " +
btoa("superadmin@mail.com:pLihtt-I4jzL")},
        success     : function(data){
                        // Do return value here //
                    }
    })

```

Update Data

```

$.ajax({
    dataType    : "json",
    type        : "PUT",
    data        : { "field":"value","field":"value" },
    url         :
    'http://yourdomain.com/sximoapi/1?module=employee',
    headers     : {"Authorization": "Basic " +
btoa("superadmin@mail.com:pLihtt-I4jzL")},
    data        : [{"field":"value","field":"value"}],
    success     : function(data){
                        // Do return value here //
                    }
    })

```

Delete Data

```

$.ajax({
    dataType    : "json",
    type        : 'DELETE',
    url         :
    'http://yourdomain.com/sximoapi/1?module=employee',
    headers     : {"Authorization": "Basic " +
btoa("superadmin@mail.com:pLihtt-I4jzL")},
    success     : function(data){
                        // Do return value here //
                    }
    });

```

Access API Via PHP CURL

Retrive All data from spesific module

```

$ curl --user useremail:apikey
http://yourdomain.com/sximoapi?module=modulename

```

View Detail data from spesific module

```

$ curl --user useremail:apikey
http://yourdomain.com/sximoapi/1?module=modulename

```

Create new data

```

$ curl --user useremail:apikey
http://yourdomain.com/sximoapi?module=modulename

```

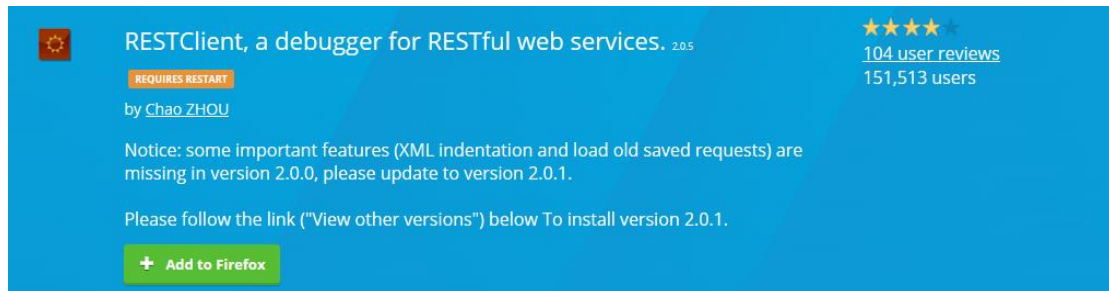
```
-X POST -d '{"field":"value","field":"value"}' -H "Content-Type: application/json"
```

Update Data

```
$ curl --user useremail:apikey  
http://yourdomain.com/sximoapi/1?module=modulename  
-X PUT -d '{"field":"value","field":"value"}' -H "Content-Type:  
application/json"
```

Delete Data

```
$ curl --user useremail:apikey  
http://yourdomain.com/sximoapi/1?module=modulename  
-X DELETE
```



If you want to test your SximoApi , you can use RESTClient debugger for Firefox Addon .

You can download here <https://addons.mozilla.org/en-us/firefox/addon/restclient/>

6

Menu Management

Manage Site menu both frontend and backend . Sximo 5 has ability for handle menu for your application .

There are 2 position for menu .

Frontend , this menu are available on public / frontend site .

Backend , this menu are available for register users

The screenshot displays the Sximo 5 Menu Management interface. On the left, there are tabs for 'Top Menu' and 'Side Menu'. Below the tabs is a list of menu items with a 'Drag and Drop to reorder menu list' instruction and a 'Reorder Menu' button. The menu items include: Page Static, About, Service, Blog, Contact Us, Public Grid, Dropdown Menu, Another Menu, Another Sub Menu, separator, and Menu With Icon. A note at the bottom of the list states: 'Note!, Menu only support 3 levels'. On the right, the 'Create New Menu' form is visible. It includes fields for 'Name / Title', 'Menu Type' (Internal/External), 'Module', 'Position' (Top Menu/Side Menu), 'Icon Class', 'Active' status, 'Access' (Superadmin/Administrator/Users), and 'Public' status, with a 'Submit' button at the bottom.

7

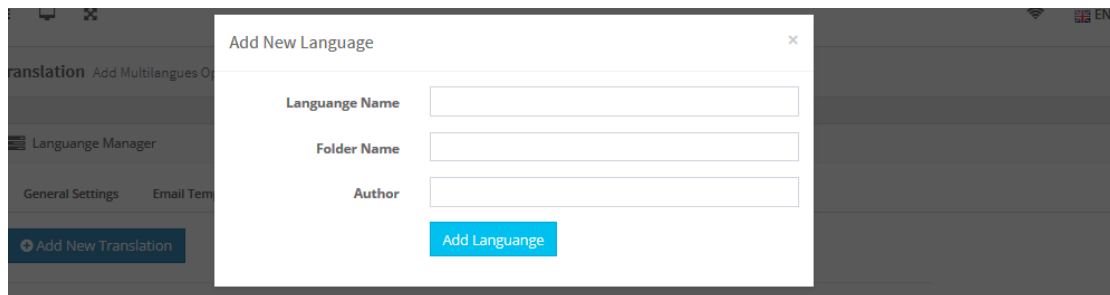
Translation / Multilanguage

Translation used for convert current site into your own language . Sximo 5 only included 1 default language (EN) . if you want to add your own language its quite easy

You can add via Application or manually copy folder/file language.

Adding New Language Via App.

Go to : Control Panel -> Setting -> Translation



The screenshot shows a web application interface for adding a new language. A modal dialog titled "Add New Language" is open, featuring three text input fields labeled "Language Name", "Folder Name", and "Author". A blue button labeled "Add Language" is positioned at the bottom right of the dialog. The background is a dark control panel with a sidebar containing "Language Manager" and "Add New Translation" buttons.

Explanation :

Language Name is your Language

Folder Name is ID of your language example (en , in , es , pt , id etc ..)

Author is your name as creator .

After Create New language , now you need to translate every word into your language



core.php	pagination.php	reminders.php	validation.php
----------	----------------	---------------	----------------

Pharse	Translation
norecord	Tidak Ada di temukan data
create	Buat Baru
home	Beranda
group	ID Grup
username	ID Pengguna
email	Alamat Email
password	Sandi

Adding New Language Manually

If you have distribution lang or if you want to share your lang into other users , then its quite easy , just copy lang into folder

Resources/lang

Name	Date modified	Type	Size
 en	26/01/2017 17.40	File folder	
 id	26/01/2017 17.40	File folder	