**DEVELOPER RULES**

**Folder Structures**

1. assets
2. config
3. controller
4. helpers
5. libraries
6. models
7. views

**assets**

1. css/style.css
2. data/database.sql
3. images/ thumbnail.jpg
4. js/script.js

**config**

1. config.php
2. menu.php

**Custom styles assets/css/style.css**

**Your database queries assets/data/database.sql**

**Module thumbnail assets/images/thumbnail.jpg**

**Configuration (config/config.php)**

$HmvcConfig['module\_name']["\_title"] = "Accounting Management System";

$HmvcConfig[' module\_name ']["\_description"] = "Simple Accounting System";

$HmvcConfig[‘module\_name’][‘\_database’] = true/false;

$HmvcConfig['module\_name ']["\_tables"] = array(

‘table1’,

'table2',

);

* 1. Configuration variable name must be $HmvcConfig
  2. Module Name must be unique
  3. Module Name must be same as the module directory
  4. Set true/false if module have database
  5. Must be register your database tables

**Route**

* + 1. Do not use custom route
    2. Request with module/controller/method/parameters

**Controller**

1. You cannot declare any variable or array name as $module
2. Controller must be extends MX\_Controller

Example:

class Your\_controller extends MX\_Controller

1. Set your module name

Example:

$data[‘module’] = “your\_module\_name”;

1. Set page name

Example:

$data[‘page’] = “your\_page\_name”;

Or

$data[‘page’] = “Sub\_directory/your\_page”;

1. Load main template

Example:

echo Modules::run('template/layout', $data);

1. Set a flash message/exception

Example

$this->session->set\_flashdata(‘message’, ‘Successful’);

$this->session->set\_flashdata(‘exception’, ‘Unsuccessful’);

Finally, An example given bellow

<?php defined('BASEPATH') OR exit('No direct script access allowed');

class Home extends MX\_Controller {

public function \_\_construct()

{

parent::\_\_construct();

$this->load->model(array(‘home\_name’));

//redirect if not authorized user

$this->permission->module('module\_name')->redirect();

}

public function index()

{

//redirect if no permission

//permission\_type read/create/update/delete

$this->permission->module('module\_name', ‘permission\_type’)->redirect();

$data['title'] = “MY CUSTOM TITLE” ;

$data['enquirys'] = $this->home\_model->read();

$data['module'] = "enquiry";

$data['page'] = "home";

echo Modules::run('template/layout', $data);

}

}

**Model**

Example of model

<?php defined('BASEPATH') OR exit('No direct script access allowed');

class Home\_model extends CI\_Model {

public function read()

{

return $this->db->select("\*")

->from('table')

->get()

->result();

}

}

**View**

1. Print the value of your custom variable

Example to print the value of title

<?php

echo $title;

//print enquires result

foreach ( $enquires as $enquiry )

{

echo $enqury->id;

echo $enquiry->mobile;

}

?>

1. Available permission types are create/read/update/delete
2. Permission in view

Example

<?php

if ( $this->permission->module('module\_name', ‘permission\_type’)->process() )

{

?>

<a href=<http://example.com/module/controller/index>”>Access by authorized user</a>

<?php

}

?>

1. Create a link

Example

module/controller/method/parameters