AnythingNet Community CMS – For Developers

Before you start:

* You are a developer and reading this document to add functionalies to the CMS.
* Always stick to CakePHP standard. Refer to <http://api.cakephp.org/2.4/>
* For installation process see how-to-install.docx

Skills required:

* PHP, CakePHP
* HTML, CSS, JavaScript (jQuery)

Development environment:

* XAMPP 1.8.3 (Apache: 2.4.9 MySQL 5.6 PHP: 5.5)
* mod\_rewrite module must be enabled on Apache
* Editor is not specified but follow the standard below
* Editor must use UTF8 encoding
* Editor must use tab spacing with 2 spaces

**Important process: Understand how the file is structured**

**Part A: Admin Dashboard**

1. The CMS has two application folders: app/ and admin/.

app/ folder deals with website front-end.

admin/ folder deals with CMS admin area.

1. The CMS follows the basic structure of CakePHP, so each page basically corresponds to the Model/Controller/View files. For example, Page management page has

- Model/Page.php

- Controller/PagesController.php

- View/Pages/index.ctp .

1. Sometimes the page name/path looks different from its corresponding files. For example, Image management page is accessed through /images/ path, but it is handled with Model/Controller/View named Media. See Config/routes.php to see its corresponding files.
2. You must also understand some files, class, and methods that are specifically structured for this CMS
   * app/Config/UserConfig.php
     + This is a custom file that has database config and admin dashboard username and password.

This configuration is also used for admin/ area, not only for app/ .

* + admin/Config/bootstrap.php
    - Configure::write(‘File.path’) : defines the path for image upload.
    - Configure::write(‘File.url’) : defines the URL of uploaded images. (the value changes depending on the server’s document root)
    - Configure::write(‘Theme.location’) : defines the path to the installed theme.
    - Configure::build(array => array(‘AppConfig’ => …)) : defines path to app/Config/
  + admin/Controller/AppController.php
    - $components : defines components and settings required for all controllers
    - beforeFileter() : defines layout and CSRF options for all controllers
  + admin/Model/User.php
  + admin/Controller/UsersController.php
  + admin/View/Users/
    - This User Model/Controller/View is where the CMS handles login/logout. The route always redirects to login when user is not logged in.
  + admin/View/CustomFormHelper.php
    - This file has functions required for outputting custom form element.
  + admin/Vendor/CustomFile.php
    - This file has functions required for file upload and loading files.
  + admin/Vendor/CustomFolder.php
    - This files has functions required for loading folder data.

**Part B: Website front-end**

1. Website front-end is simply structured: user request is always sent to PagesController to handle request. Refer to the simple diagram below.

