**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Name** | **Description** |
| 1 | 09/05/2019 | Jay Ilukhor | Created Initial Document for FYNIX Framework |
| 1 | 11/05/2019 | Ama Daniel Eze | Updated Document |

**Folder Structure**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **LARAVEL** | **CODEIGNITER** | **SYMFONY** | **DJANGO** | **SPRING** | **RUBY ON RAILS** | **FYNIX** |
| - apps/  - bootstrap/  - config/  - database/  - public/  - resources/  - routes/  - storage/  - test/  - vendor/ | - application/  - cache/  - config/  - controllers/  - core/  - helpers/  - hooks/  - language/  - libraries/  - logs/  - models/  - third\_party/  - views/  - system/  - core/  - database/  - fonts/  - helpers/  - language/  - libraries/  - user\_guide/  - \_downloads/  - \_images/  - \_static/  - contributing/  - database/  - documentation/  - general/  - helpers/  - installation/  - libraries/  - overview/  - tutorial/ | - cache/  - config/  - bin/  - console/  - logs/  - src/  - Acme/  - Resources/  - views/  - vendor/  - web/  - var/  - tmp/  - templates/ | - settings/  - apps/  - configs/  - doc/  - source/  - run/  - media/  - static/  - static/  - templates/ | - docs/  - src/  - main/  - config/  - controller/  - dto/  - exception/  - model/  - repository/  - security/  - service/  - util/  - test/ | - app/  - controllers/  - helpers/  - models/  - view/  - layouts/  - components/  - bin/  - config/  - db/  - doc/  - lib/  - log/  - public/  - script/  - test/  - tmp/  - vendor/ | - public/  - images/  - stylesheets/  - libraries/  - javascripts/  - libraries/  - downloads/  - templates/  - [TemplateName]/  - header.tpl  - footer.tpl  - ads/  - index.php  - .htaccess  - system/  - configs/  - sys.conf  - user.conf  - database/  - db.sys  - functions/  - logs/  - cache/  - [timestamp].cch  - languages/  - english.lang  - french.lang  - yoruba.lang  - igbo.lang  - libraries/  - apps/  [AppName]/  - public/  - images/  - system/  - configs/  - app.conf  - user.conf  - functions or hooks  - libraries/  - cache/  - logs/  - languages/  .htaccess  - tests/ |

**Features**

1. URL Mapping/Routing

2. Database Manipulation

3. Templating

4. Security

5. File System Handling

6. Image Handling

**Coding Pattern**

**Variable**

This should follow the camelCase standard, starting with all lower case word.

**$firstName** = “Ama”;

**$lastName** = “Jay”;

**Constants**

Should be in capitals and for more than one words

define(‘**DBHOST**’, ‘localhost’);

define(‘**DBUSER**’, ‘user‘);

define(‘**DBPASS**’, ‘password’);

define(‘**DBNAME**’, ‘framework’);

**Functions/methods**

This should be lowercase and apply an underscore for separation for more words. It should start with a “verb”

function **get\_name**(){

// Do something

}

**Classes**

This should be “StudlyCaps” and for private and protected properties/functions in a class should start with a single underscore.

class **UserRole**{

public function delete($id){

// Do something

}

private function **\_calculateArea**(){

return self::PI \* $\_radius \* $\_radius;

}

}

**Comments**

There should be an introductory comment introducing the function of the file as shown below:

<?php

/\*\*

\*

\* This database class has a clean and common methods that works with various

\* types of database (such as: msSQL, mySQL, mySQLi and postgres) and PDO. It

\* has cache system integrated alongside making it very effective and powerful

\* database class..

\*

\* @version: 2.9.14

\* @package: Stvdi

\* @author: Jencube Team

\* @license: http://opensource.org/licenses/gpl-license.php

\* GNU General Public License (GPL)

\* @copyright: Copyright (c) 2013 - 2015 Jencube

\* @twitter: @deusex0 & @One\_Oracle

\* @filesource includes/libraries/database.class.php

\*

\*\*/

For functions, methods, constants, variable and so on should follow the format below:

/\*\*

\*

\* Return database error message

\*

\* @access private

\* @return string

\*

\*\*/

**Filename**

This should follow the format below for the different files:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Library/class files** | **Function/hook files** | **Language Files** | **Configuration Files** | **Template Files** | **Cache Files** | **Log Files** |  |  |
| [fileName].lib  database.lib  student.lib  formBuilder.lib | [fileName].hook  database.hook  form.hook  customSyntax.hook | [fileName].lang  enUk.lang  hausa.lang  french.lang  enUS.lang | [fileName].cfg  config.ccfg  user.cfg | [fileName].tpl  header.tpl  footer.tpl | [fileName/timestamp].cch  099488593.cch | [fileName].log  Biu09878374.log |  |  |