Asset Register Rollout Instructions

# Server Configuration

The installation server needs to have the following configuration:

* IIS 7.x
* PHP 5.4.x
* MySQL 5.5.x

# Installation

## Live Environment

1. Gather production files and turn debug off
2. Remote into Windows Server 2008 R2
3. Navigate to C:\inetpub\wwwroot
4. Copy over the production folder to the wwwroot, confirming the name of the folder is the same as you wish to call the application via URL access
5. Right click on the folder under wwwroot to access folder properties
6. Navigate to security tab
7. Edit Users and IIS\_IUSERS to have full control
8. Apply changes
9. Open up IIS 7.0 Manager
10. Expand the server listing and right click on sites to add a New Site
11. Enter the site name (same as your folder)
12. Select the physical path of the folder in the wwwroot
13. Create the website
14. Select the website
15. Open Authentication under IIS and enable windows authentication
16. Open URL Rewrite under IIS
17. Undertake the IIS 7 URL Rewrite instructions identified here: <http://book.cakephp.org/2.0/en/installation/url-rewriting.html#url-rewrites-on-iis7-windows-hosts>
18. Load up SQLyog and export the database structure from the development computer
19. Load up SQLyog on the server and import the database structure into a samely named database
20. Navigate to c:\inetpub\wwwroot\appname\app\config\database.php
21. Edit the database connection settings to the server
22. The website will be now access from any network internal browser via: irs-sbs/SITENAME/
    1. Login instructions may be necessary depending on what browser is accessing the site.

## Test Environment

The test environment follows the same setup environment as the live environment. The only alterations are prefixing the website folder, url, and database name with the word TEST. This is so any editions to the test environment are localised to its own namespace and database.

## Release

Once a release has been tested on the test environment it needs to be pushed out to the live environment. This is undertaken through the following process:

1. Pull a release branch from the development branch identified by OnTime release or feature ID
2. Undertake the development
3. Merge the release or feature back into development branch & test branch
4. Run tests on the test branch
5. Add, commit & push any changes to the Test environment back to the main development branch
6. Merge the development branch into the live repository
7. Perform a short test to see if the website has successfully updated its files

## Hotfix

Once a hotfix has been identified and worked on it needs to be pushed out to the development and live environment. This is undertaken through the following process:

1. Pull a hotfix from the live branch with the OnTime feature ID
2. Complete the hotfix
3. Add, commit & push any changes to the main development branch and live branch
4. Perform a short test to see if the website has successfully updated its files