Third-Party Site Audit
Site Audit Date: 12/14/2015
Auditor: Michael Ocana

Development Framework : Drupal
Development Framework version : 7.34
MySQL : 5.5.46
PHP : 5.6.16
Web Server : Nginx/Apache

I. SITE AUDIT

I. A Modified Modules

Modules	Status
Drupal core	2 files changed, 1 file deleted
AJAX Comments 7.x-1.0-beta2	1 file changed
Forward 7.x-2.0	1 file changed
Geolocation Field 7.x-1.6	1 file changed
IP Geolocation Views & Maps 7.x-1.25	1 file changed, 14 files deleted
Views Datasource 7.x-1.x-dev	31 files changed
Visualization API 7.x-1.0-alpha1	2 files changed, 2 files deleted
Rubik 7.x-4.1 (Themes)	1 file changed

I.B For Security Updates

Modules	Current version	Recommendations
Drupal	7.34	7.41
Views Bulk Operations (views_bulk_operations)	7.x-3.2	7.x-3.3
Chaos tools (ctools)	7.x-1.4	7.x-1.9
Entity API (entity)	7.x-1.5	7.x-1.6
Feeds (feeds)	7.x-2.0-alpha8	7.x-2.0-beta1
jQuery Update (jquery_update)	7.x-2.4	7.x-2.7
Services (services)	7.x-3.10	7.x-3.12
Smart Trim (smart_trim)	7.x-1.4	7.x-1.5
Views (views)	7.x-3.8	7.x-3.13
Webform (webform)	7.x-3.21	7.x-3.24

II. CONTENT TYPES

 - content type is basically a group of nodes. Each node belongs to content type. Inside each type consists of fields for node form.
 - Admin path : admin/structure/types

Name	Machine Name	Definition
About Slideshow Items	about_slideshow_items	Slideshow items for About page
Basic page	page	General content types
Contact Person	contact_person	For Contact persons
Homepage Slide	homepage_slide	Slideshow items for Home page

News	news	Content type for News page
Project Profile	openlgu_project	Contenty type for Project profile entry
Webform	webform	Content type for user questionnaires

III. THEMES
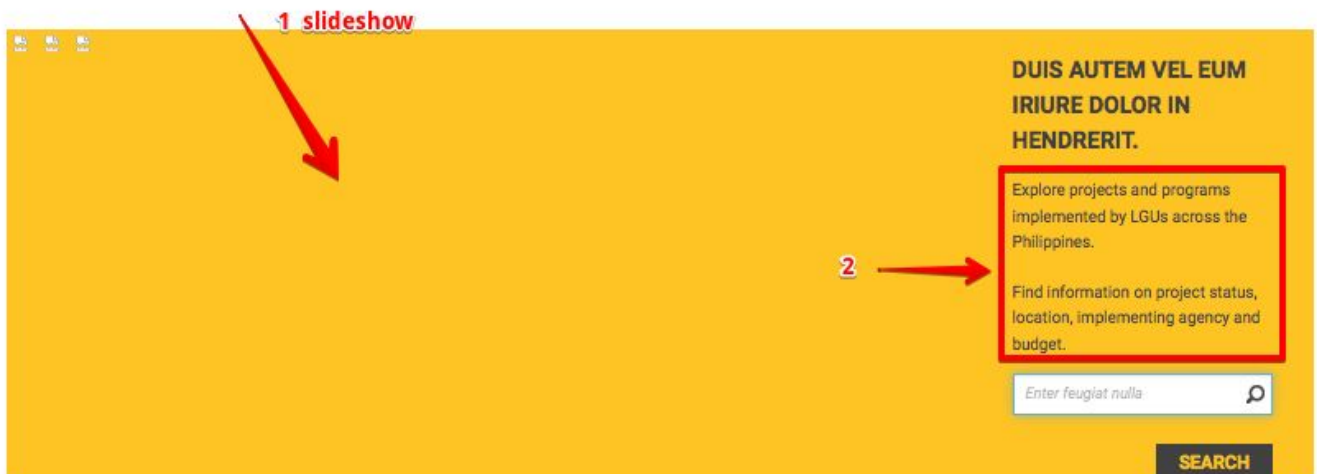   - Presentation layer of Drupal.
   - Admin path: admin/appearance

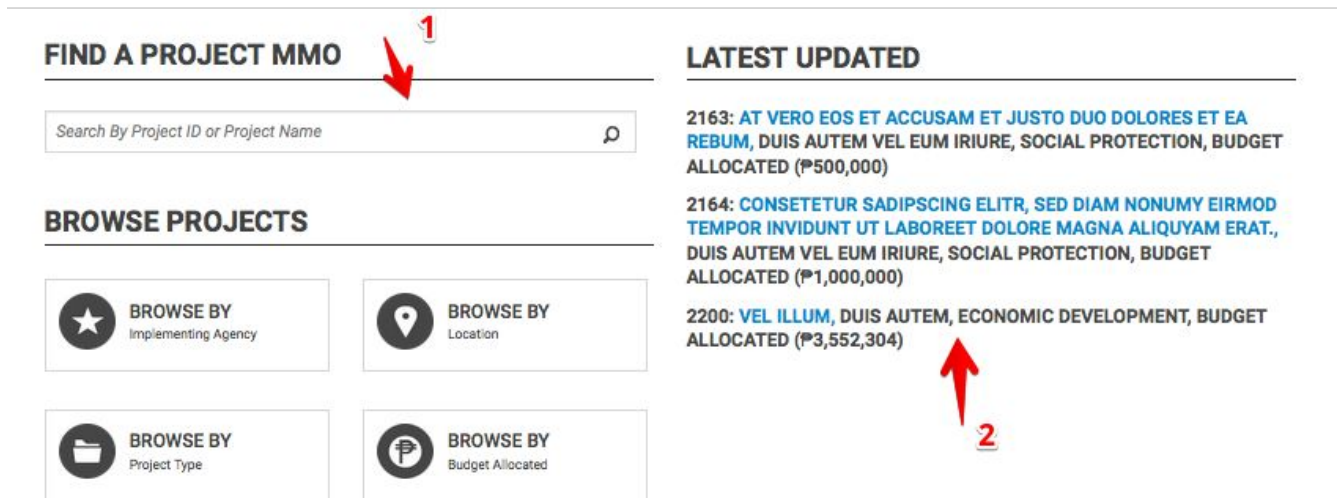| Theme name	Front end	Admin
OpenBUB Custom theme	- Default front end theme - custom design	
Seven		- Default administration theme - drupal core theme

IV. WEBSITE ARCHITECTURE
   * HOME
   - sites/all/themes/openlgu_custom/templates/pages/page—front.tpl.php
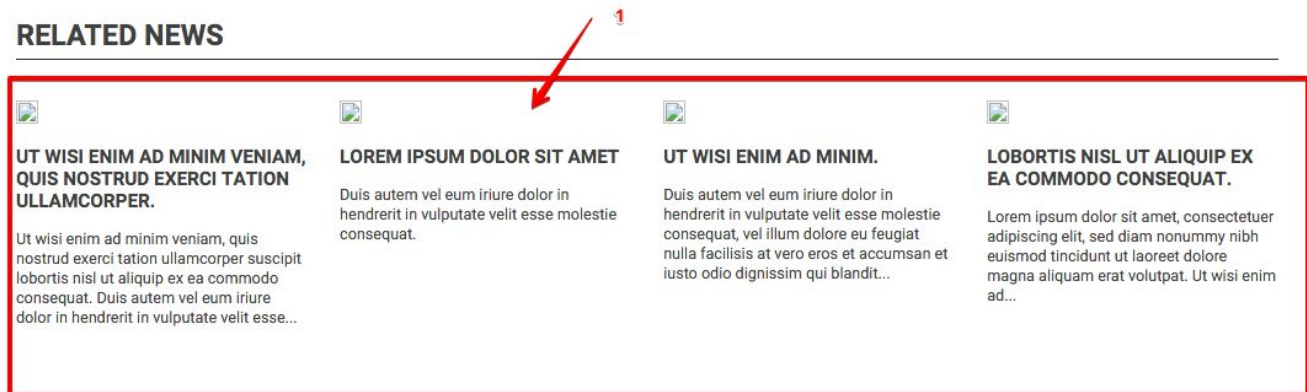
1.

views : homepage_image_slider (block),
   views : homepage_image_slider (block_1)
2. node : node/9/edit

1. block : projects_search_results-page,
2. views : recently_approved_projects (block)

1. views : various_news_blocks (block_6),

* ABOUT
   - block template:
sites/all/themes/openlgu_custom/templates/blocks/block—sidebar_first.tpl.php
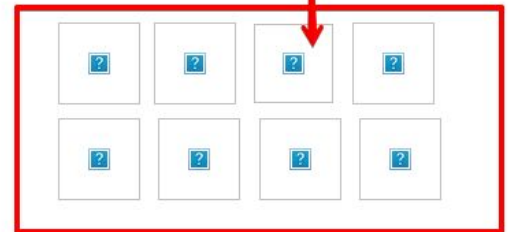
ABOUT PAGE

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1. node : node/10/edit
2. block : admin/structure/block/manage/block/2/configure

* NEWS
   templates : sites/all/themes/openlgu_custom/templates/pages/page--node--11.tpl.php

NEWS

HEADLINES

UT WISI ENIM AD MINIM VENIAM,
QUIS NOSTRUD EXERCI TATION
ULLAMCORPER.
NOVEMBER 11, 2014 /

LOREM IPSUM DOLOR SIT AMET
NOVEMBER 10, 2014 /

UT WISI ENIM AD MINIM.
OCTOBER 15, 2013 / MSNBC

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EA COMMODO CONSEQUAT.
OCTOBER 14, 2013 / CNN

1. views : various_news_blocks (block_1)
2. views : various_news_blocks (block_2)

💬 FEATURED NEWS

UT WISI ENIM AD MINIM VENIAM, QUIS NOSTRUD EXERCI TATION ULLAMCORPER.

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🎙 LATEST NEWS

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NOVEMBER 11, 2014

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OCTOBER 15, 2013
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OCTOBER 14, 2013
CNN

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VIEW ALL   **+**

1

2

1. views : various_news_blocks (block_3)
2. views : various_news_blocks (block_4)

* PROJECTS
  templates : sites/all/themes/openlgu_custom/templates/pages/page--projects.tpl.php

PROGRAMS AND PROJECTS

REFINE BY

PROGRAM	+
AGENCY	+
YEAR OF PROJECT	+
PROJECT STATUS	+
PROJECT TYPE	+
BUDGET (PHP)	+
LOCATION	+

SEARCH   **CLEAR**

1

FIND PROJECTS AND PROGRAMS

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Lorem ipsum dolor sit amet.

Search By Project ID or Project Name   2

Display: 20 at a time   3

PROJECT YEAR	PROGRAM	PROJECT ID	IMPLEMENTING AGENCY	PROJECT TYPE	ALLOCATED BUDGET	PROJECT STATUS
2015	STET-CLITA-EA	**2163**	DUIS AUTEM VEL EUM IRIURE	SOCIAL PROTECTION	₱500,000	PROPOSED

AT VERO EOS ET ACCUSAM ET JUSTO DUO DOLORES ET EA REBUM - *Date Updated June 03, 2015*

Description: Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea .

Municipal name, , Vel Eum   💬 **LOG IN OR REGISTER TO POST FEEDBACK**

| **2015** | STET-CLITA-EA | **2164** | DUIS AUTEM VEL EUM IRIURE | SOCIAL PROTECTION | ₱1,000,000 | PROPOSED |

CONSETETUR SADIPSCING ELITR, SED DIAM NONUMY EIRMOD TEMPOR INVIDUNT UT LABOREET DOLORE MAGNA ALIQUYAM ERAT. - *Date Updated June 03, 2015*

Description: Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet.

Municipal name, , Vel Eum   💬 **LOG IN OR REGISTER TO POST FEEDBACK**

| **2015** | STET-CLITA-EA | **2200** | DUIS AUTEM | ECONOMIC DEVELOPMENT | ₱3,552,304 | PROPOSED |

1. views : project_list_leaflet_map via sidebar_first block rendering
2. views : projects_search_results, via module block view rendering
3. views : project_list_leaflet_map (page)

* MAP
  templates : sites/all/themes/openlgu_custom/templates/pages/page--map.tpl.php

1. views : project_list_leaflet_map via sidebar_first block rendering
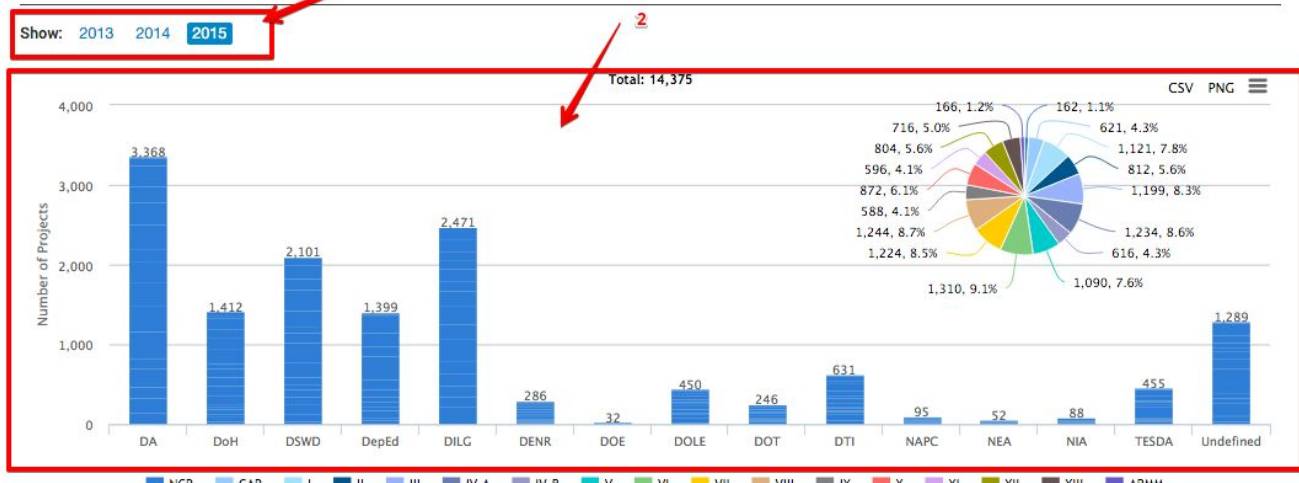2. views : project_list_leaflet_map (page_1)

* DASHBOARD
  templates :
sites/all/themes/openlgu_custom/templates/pages/page--node--25833.tpl.php

1. Year toggle is hardcoded.
2. views : projects_by_agency (block_1) , displaying of year depends on toggle
   views : projects_by_agency (block_2) , displaying of year depends on toggle
   views : projects_by_agency (block_3) , displaying of year depends on toggle
   views : dashboards_projects_by_region (block_4) ,
        displaying of year depends on toggle
   views : dashboards_projects_by_region (block_5) ,
        displaying of year depends on toggle
   views : dashboards_projects_by_region (block_6) ,
        displaying of year depends on toggle
   views : dashboards_projects_by_project_type (block_1) ,
        displaying of year depends on toggle

views : dashboards_projects_by_project_type (block_2) ,
     displaying of year depends on toggle
views : dashboards_projects_by_project_type (block_3) ,
     displaying of year depends on toggle
views : mini_graphs_block_take_2_ (block) ,
     displaying of year depends on toggle
views : mini_graphs_block_take_2_ (block_2) ,
     displaying of year depends on toggle
views : mini_graphs_block_take_2_ (block_4) ,
     displaying of year depends on toggle
views : mini_graphs_block_take_2_ (block_1) ,
     displaying of year depends on toggle
views : mini_graphs_block_take_2_ (block_3) ,
     displaying of year depends on toggle
views : mini_graphs_block_take_2_ (block_5) ,
     displaying of year depends on toggle

* DATA
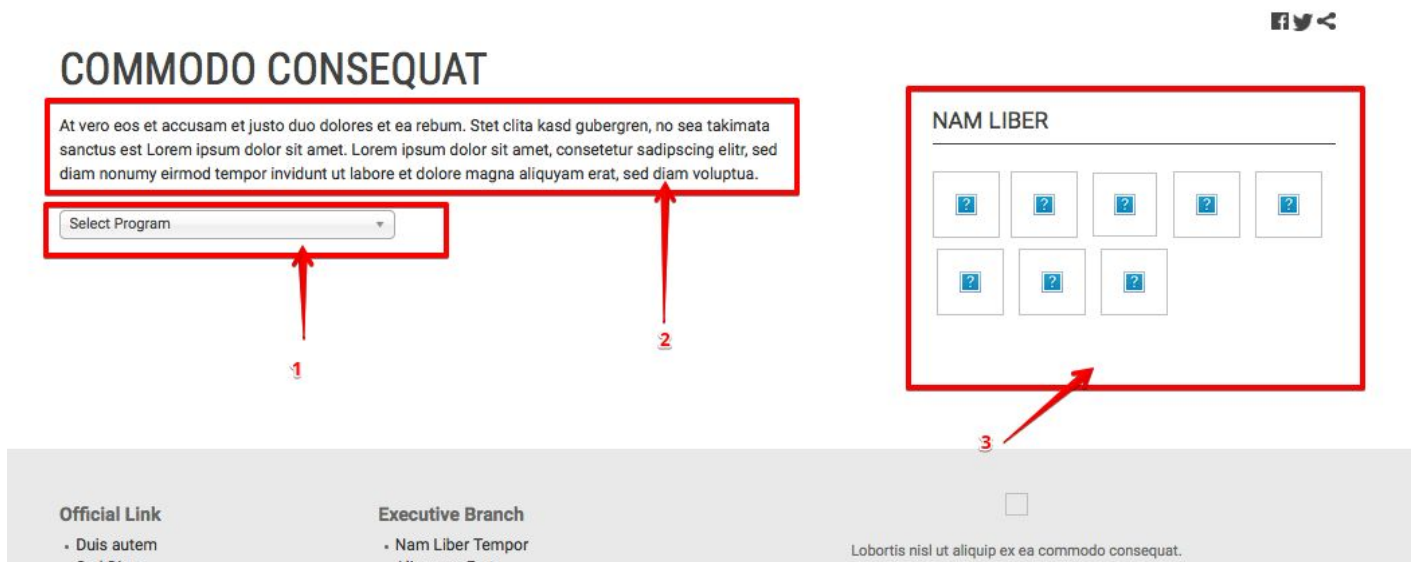

1. node : node/25856/edit → html table is hardcoded inside the node content

2. block : admin/structure/block/manage/block/2/configure

* CONTACT

1. view : contact_persons (block)
2. node : node/3180/edit
3. block : admin/structure/block/manage/block/2/configure

* ADMINISTRATION PAGE
  - VIEWS → familiarizing views page and block

Modify the display(s) of your view below or add new displays.

Displays

| Page | Projects by Region: all | Projects by Region: 2013 | Projects by Region: 2014 | Projects by Region: 2015 | + Add |

▼ Page details

Display name: Page

Title
Title: Dashboards Projects by Region

Format
Format: Visualization | Settings
Show: Fields | Settings

Fields   Add
(field_municipality_by_psgc) COUNT(Content: Nid) (Number of Projects)
| Aggregation settings
Taxonomy term: Region (Region) | Aggregation settings

Filter criteria   Add
Taxonomy vocabulary: Machine name (= Municipality by PSGC) | Aggregation settings
Taxonomy term: Region | Aggregation settings | Settings
(field_municipality_by_psgc) Content: GAA Project Year (= 2015)
| Aggregation settings

Sort criteria   Add

Page settings
Path: /dashboards-projects-by-...
Menu: No menu
Access: Permission | View published content

| Header | Add |
| Footer | Add |

Pager

Use pager: Full | Paged, 50 items

More link: No

▶ Advanced

.dev/admin/structure/views/view/dashboards_projects_by_region/edit/block_1

1. Views block and pages tab
2. Format fo display the page or block. Click to view options to generate.
3. Selected fields to display. Click to view options for the specific fields
4. URL or Path for Page view only.
5. Filter criteria to display the block or page view. Click each criteria for options
6. Views machine name (variable)
7. Page or Block view machine name (variable).

- CONTENT TYPES → familiarizing content types

Edit | **Manage fields** | Manage dependencies | Manage display | Comment fields | Comment dependencies | Comment display

Label	Machine name	Field type	Widget	Operations ⊞
✛ Program	field_project	Term reference	Select list	edit delete
✛ Agency	field_agency	Term reference	Select list	edit delete
✛ Updated Last By	field_info_source	Text	Text field	edit delete
✛ **Project Information**	group_project_information	Fieldset ⇕	**fieldset** collapsed **classes** group-project-information field-group-fieldset	⚙ delete
✛ Official Project Name	title	Node module element		
✛ Project ID	field_project_id	Text	Text field	edit delete
✛ GAA Project Year	field_gaa_year	List (integer)	Select list	edit delete
✛ Project Type by UACS	field_project_type_uacs	Term reference	Select list	edit delete
✛ Project Description (1000 characters)	body	Long text and summary	Text area with a summary	edit delete
✛ Physical Works	field_physical_works	Boolean	Check boxes/radio buttons	edit delete
✛ Implementation Mode	field_implementation_mode	List (text)	Check boxes/radio buttons	edit delete
✛ DILG Implemented: Has it been transferred?	field_lgu_memo	Boolean	Check boxes/radio buttons	edit delete
✛ **Project Location**	group_project_location	Fieldset ⇕	**fieldset** collapsed **classes** group-project-location field-group-fieldset	⚙ delete
✛ Municipality by PSGC	field_municipality_by_psgc	Term reference	Select list	edit delete
✛ Geolocation	field_geolocation	Geolocation	Latitude/Longitude	edit delete
✛ **Current Status of Project**	group_current_status	Fieldset ⇕	**fieldset** collapsed **classes** group-current-status field-group-fieldset	⚙ delete

1. field grouping using field_group module.
2. machine name for the field. It will also create a separate database table.
3. for term reference, this is implemented using taxonomy terms.
4. field type. Usually indicator for module name.
5. widget type of the module field
6. widget also serves as the behavior of each fields/group.
7. settings to display the label and field in front end

V. RECOMMENDATIONS
- URL Aliasing is not working on nodes, use automatic aliasing if needed.

- Avoid adding static text content in html. Always consider the user to edit the
  content.

- use panels/pages contributed module to layout page and views.

- use mini panels to layout blocks.

- views and modules implemented properly, but the loading is not properly done

- always check and apply contributed modules for security update.

- always apply major updates for contributed modules.

- create custom common module for adding hooks like modifying of data or format before rendering to page.

- use hook_updates when deploying changes/codes to production. When enabling modules or modifying configurations.

- use features for configuration management, to monitor changes in configuration such as views, blocks, site variables and many more.

- use custom block modules if needed to display user defined blocks. Do not load the blocks in the template files.

- do not modify the core and contributed modules, will not update if any direct modification is done. use patch if needed.

- use watchdog() to log activity like errors, login, or any important for auditing.

- separate or organize the contributed module, core module, custom module and features_module folder and package category.

- all template related changes, use hooks in custom module. do not change template directly as much as possible.

- follow the Drupal basic practices. avoid hardcoded loading of node, views, block

- no inline css/javascript. create a hooks to add js and css

- use devel module for development like displaying variable data for investigating. Disable this module in production.

- generate pages using the Drupal php templating engine, do not generate hardcoded html file.