

Project: Survey Platform

Third-Party Site Audit

Site Audit Date: 12/18/2015

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	1 file changed, 9 files deleted
Geofield 7.x-1.2	2 files deleted
Openlayers 7.x-2.0-beta11	1 file changed, 6 files deleted
Proj4JS 7.x-1.2	6 files deleted
Universally Unique IDentifier 7.x-1.0-alpha5	1 file changed,
webform_service 7.x-3.x-dev	1 file deleted
webform_submission_uuid 7.x-1.x-dev	3 files changed
wfm 7.x-1.x-dev	2 files changed

I.B For Security Updates

Modules	Current version	Recommendations
Drupal	7.34	7.41
Chaos tools (ctools)	7.x-1.4	7.x-1.9
Feeds (feeds)	7.x-2.0-alpha8	7.x-2.0-beta1
jQuery Update (jquery_update)	7.x-2.3	7.x-2.7
Services (services)	7.x-3.11	7.x-3.12
Views (views)	7.x-3.10	7.x-3.13
Webform (webform)	7.x-4.4	7.x-4.12

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
Basic page	page	Default content type
Homepage Slide	homepage_slide	Homepage image slides
News	news	News items for News page
School Photo	school_photo	Images of the School
School Profile	school_profile	School profile information
Survey	survey	OpenEd survey form
Webform	webform	Webform default type

III. THEMES

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

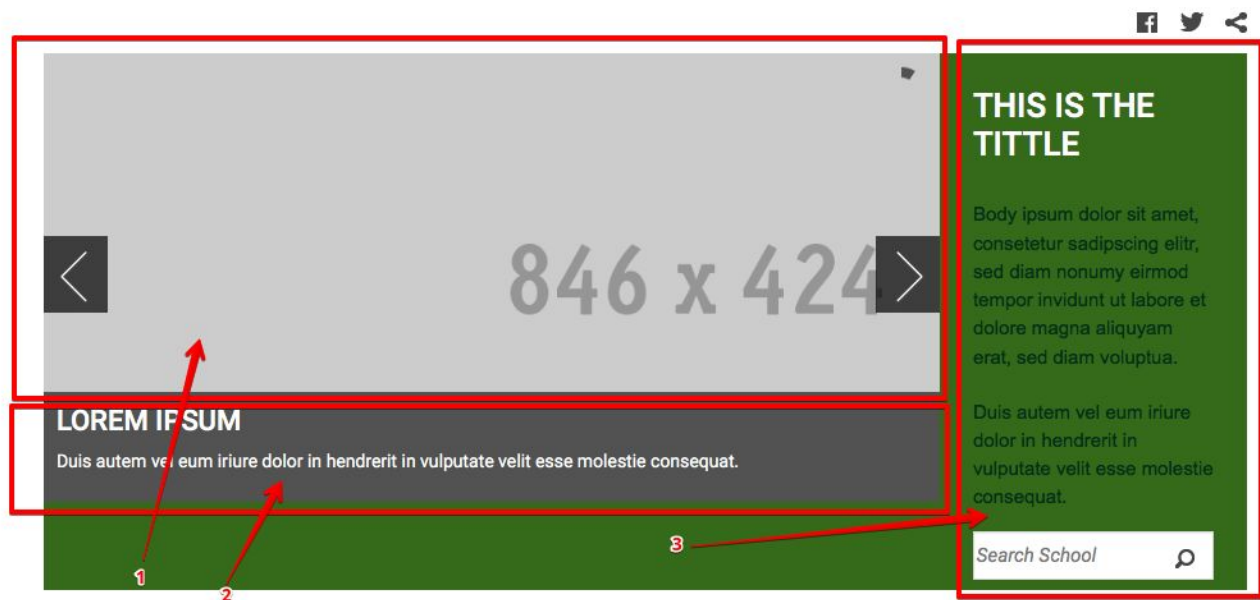
Theme name	Front end	Admin
OpenLGU Custom theme 1.0	- Default front end theme - custom design	
Seven		- Default administration theme - drupal core theme

IV. WEBSITE ARCHITECTURE

]

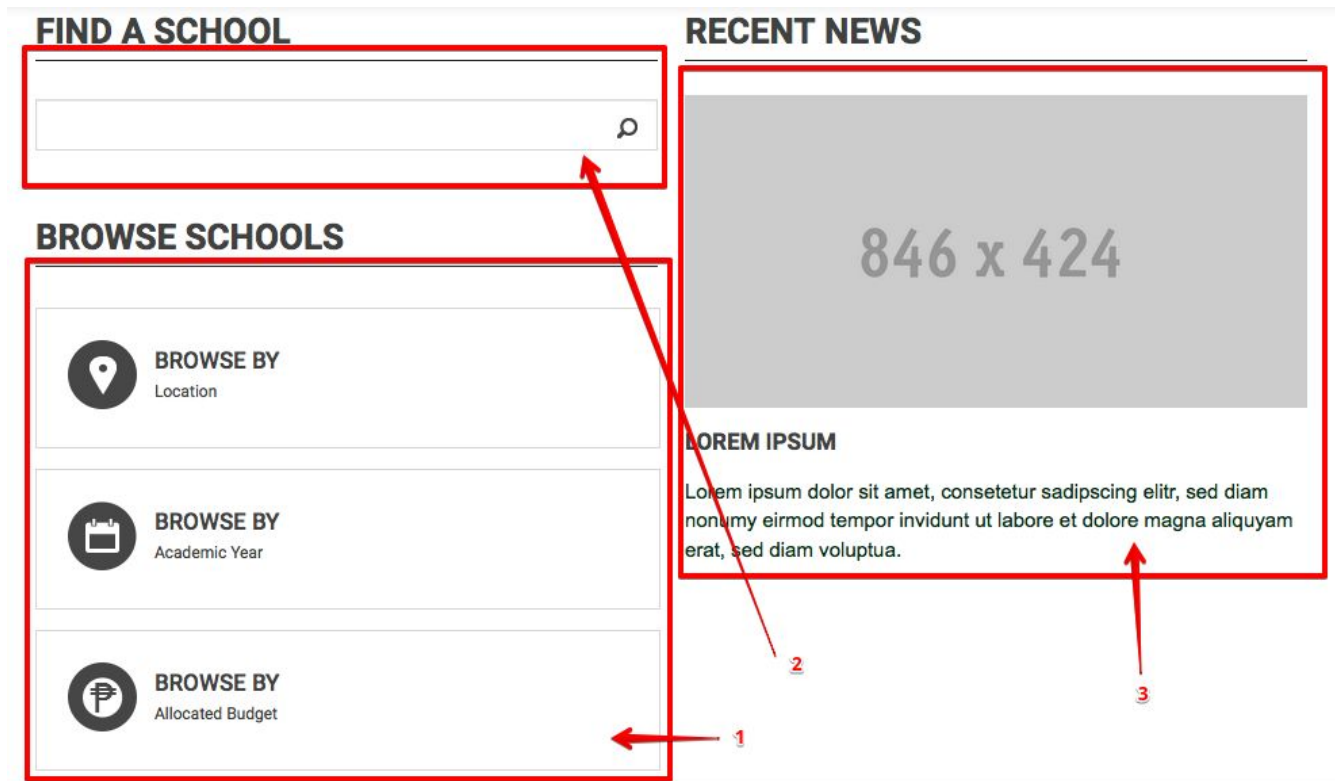
* HOME

Template : sites/all/themes/openlgu_custom/templates/pages/page—front.tpl.php

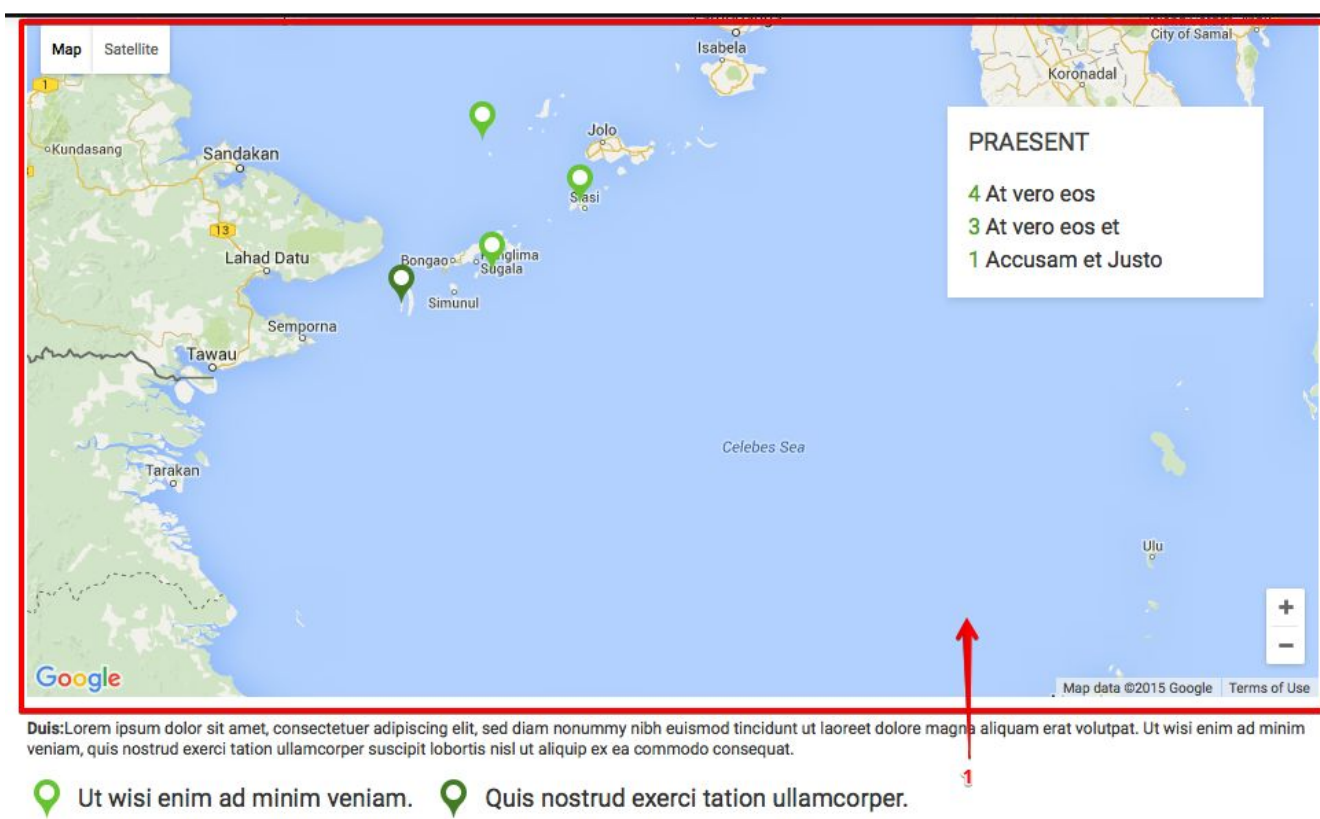


1. views : homepage_image_slider (block)

- displaying views is hardcoded in the template
- views : homepage_image_slider (block_1)
 - displaying views is hardcoded in the template
 - node : node/9/edit



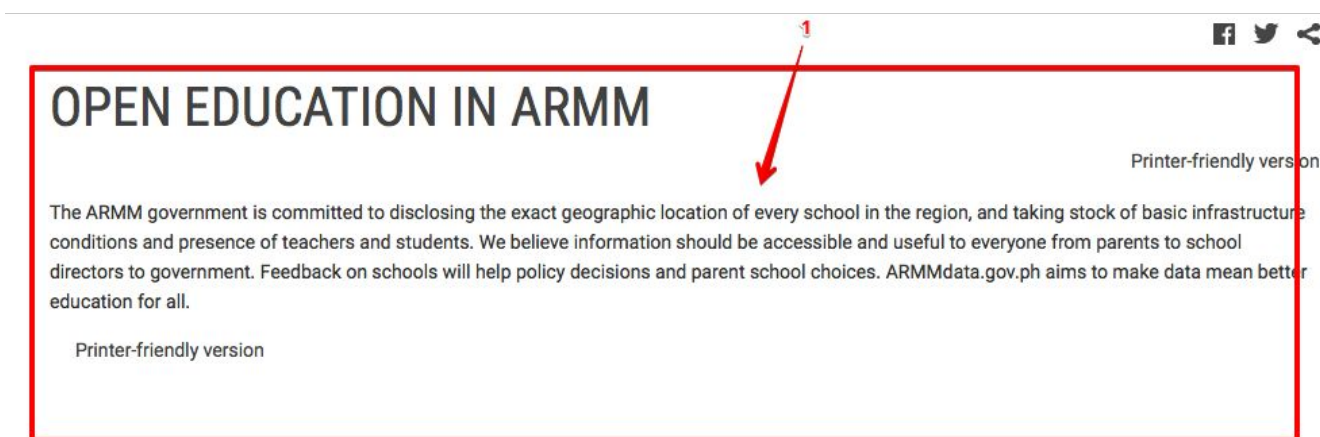
- displaying of links is hardcoded in template
- displaying of search form is hardcoded in template
- views : various_news_blocks (block)
 - displaying of views is hardcoded in the template



1. displaying of google maps is hardcoded, you can use the google map drupal module. The data taken from the webservice.

* ABOUT

Template : sites/all/themes/openlgu_custom/templates/pages/page.tpl.php



1. node : node/10/edit

* SCHOOLS

Template :

sites/all/themes/openlgu_custom/templates/pages/page--schools.tpl.php

OPEN EDUCATION FOR ARMM SCHOOLS

REFINE BY

LOCATION +

Select Province

SCHOOL TYPE +


☐ PRIMARY

☐ SECONDARY

SURVEYS +

APPLY

SCHOOL SURVEY RESULTS

Search by School ID or School Name 

Display: 20 at a time

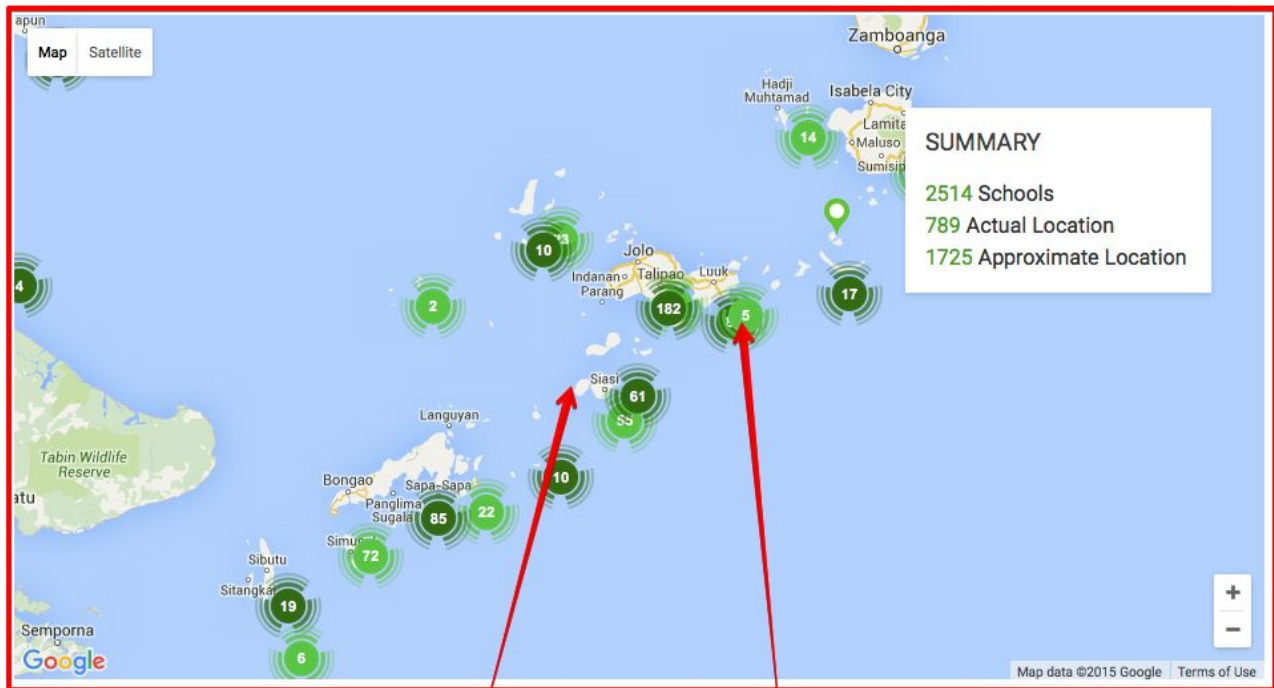
YEAR	SCHOOL ID	SCHOOL TYPE	# STUDENTS	# TEACHERS	TEACHERS ATTENDANCE	STUDENTS ATTENDANCE
2013	305051	Secondary	866	17	100%	-
BANARAN NHS LOCATION: Province Tawi-Tawi Municipality Sapa-Sapa Barangay Banaran						
2013	305053	Secondary	612	21	50%	100.54%
BATU-BATU NHS LOCATION: Province Tawi-Tawi Municipality Panglima Sugala Barangay Batu_Batu						

1. views : various_news_blocks via sidebar_first block_2 rendering
2. displaying of search form is hardcoded in the template.
3. displaying of social media icons is hardcoded in the templates
4. views : schools (page_1)
 - displaying of schools is hardcoded in the template

* MAP

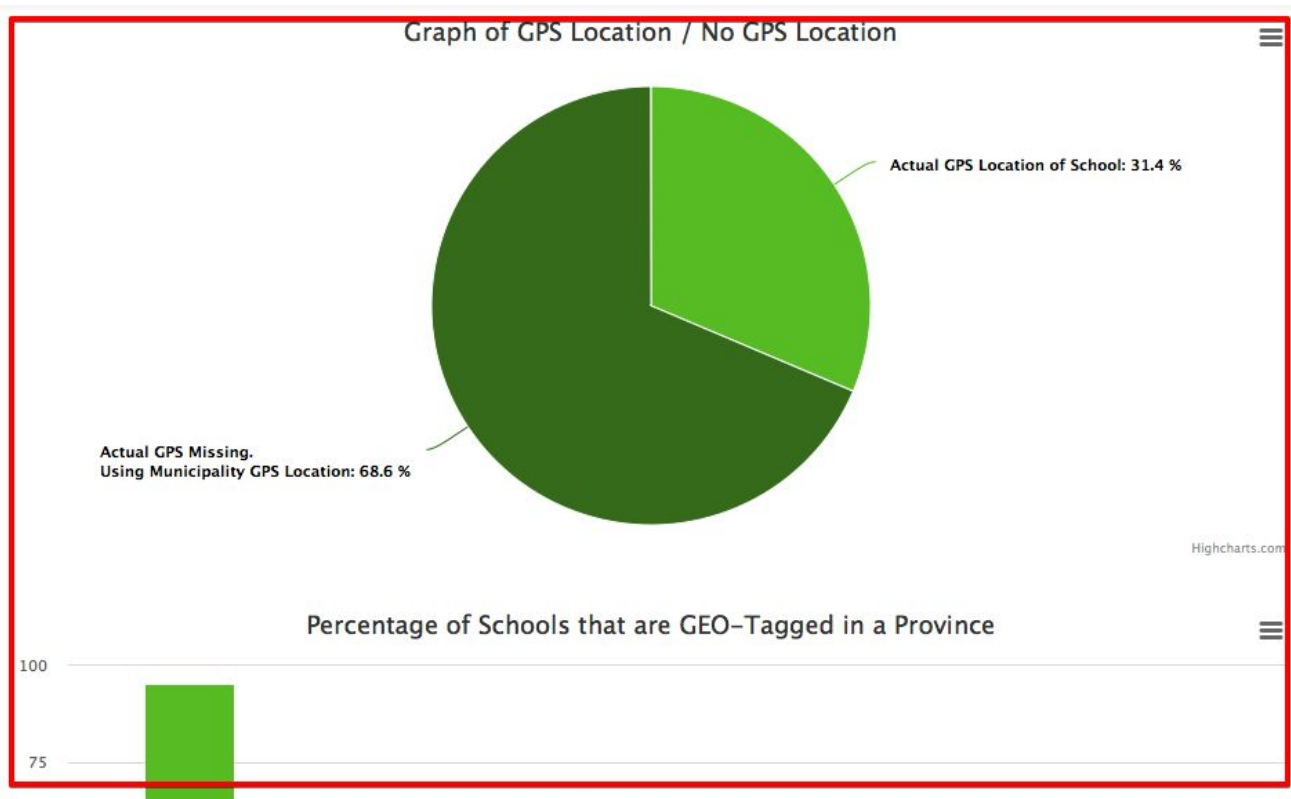
Template :

sites/all/themes/openlgu_custom/templates/pages/page--node--34040.tpl.php



Disclaimer: This map is for data illustration purposes only. The geographical coordinates of ARMM Schools are an approximation based on the centroid of a municipality. The boundaries, names shown and designations used on this map do not imply official endorsement or acceptance by the Govt. of the Philippines.

1. displaying of google map is hardcoded in the template. You can use drupal google map module.
2. geolocations taken from webservice. Legend data also taken from the webservice.



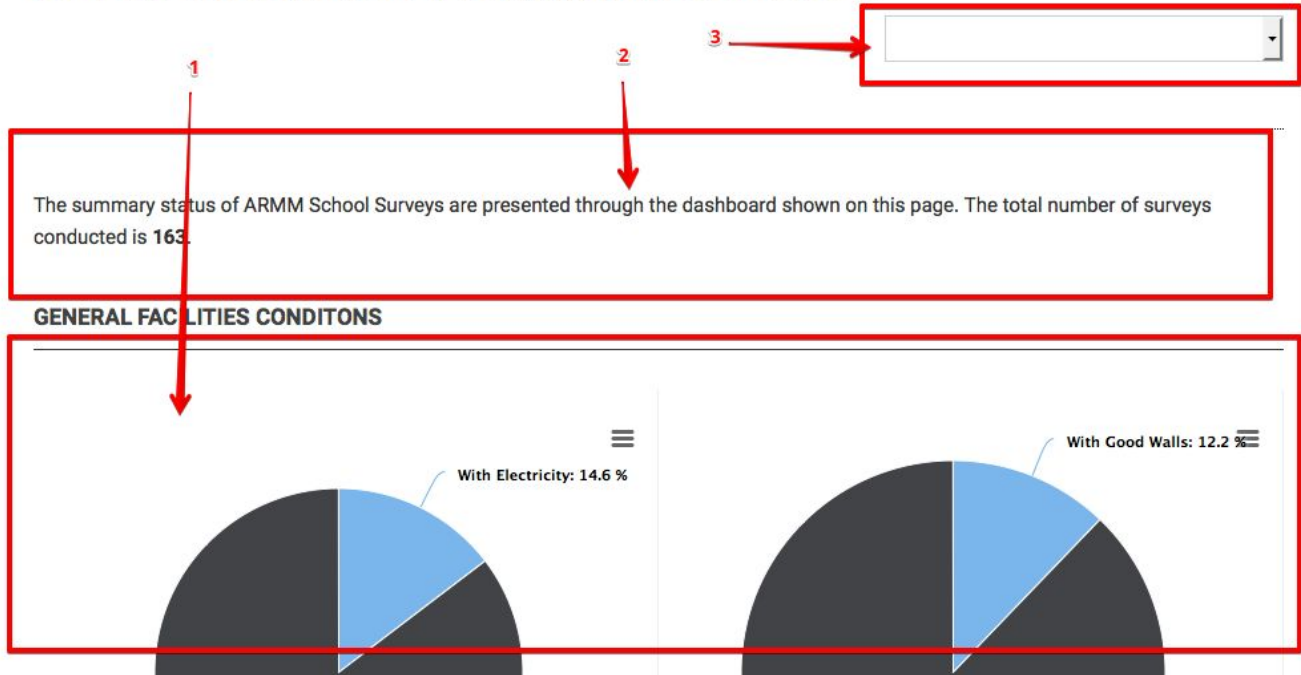
JQuery graphs rendered hardcoded in template. You can use drupal highcharts module.

* DASHBOARD

Template :

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

OPEN EDUCATION FOR ARMM SCHOOLS



1. displaying of dropdown selection is hardcoded in the template.
2. displaying of page description is hardcoded in the template.
3. JQuery graphs rendered hardcoded in template. You can use drupal highcharts module. Chart data taken from the webservice.

* DATA

Template : sites/all/themes/openlgu_custom/templates/pages/page.tpl.php

LOREM IPSUM

[VIEW](#)[EDIT](#)[DEVEL](#)

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua.

YEAR	SCHOOL SURVEY	DOWNLOAD
All	Stet clita kasd gubergen	Download CSV
All	No sea takimata sanctus est.	Download CSV

1. node : `node/25856/edit`

- table is also hardcoded inside the content
 - recommended to use adding new content or taxonomy for school survey
- download and display as listing using views.

* CONTACT

Template : `sites/all/themes/openlgu_custom/templates/pages/page.tpl.php`

LOREM IPSUM DOLOR SIT AMET

[VIEW](#)[EDIT](#)[DEVEL](#)

Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum zzril delenit augue duis dolore te feugait nulla facilisi. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat.

OFFICE/AGENCY	NAME OF HEAD	POSITION	MOBILE NUMBER
All	Nam Liber	Nobis Eleifend	111-555-1111
All	Nonummy Diam	Nobis Eleifend Congue	111-555-1111
All	Aliquam Erat	Quod Mazim	111-555-1111
All	Dolore Magna	Placerat Facer	111-555-1111

Nam liber tempor cum soluta nobis eleifend option congue nihil imperdiet doming id quod mazim placerat facer possim assum. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat.

Displaying of Contact page is node content : node/3180/edit including the contact tables.

Recommended to use a content types for contact person and display using views in this page.

* NEWS

Template : sites/all/themes/openlgu_custom/templates/pages/page.tpl.php



NEWS

ARMM SCHOOLS GIVEN ACCESS TO DIGITAL LIBRARY

COTABATO CITY, Philippines — Research will now be easier for thousands of students in the Autonomous Region in Muslim Mindanao following the establishment of free digital libraries in their schools. Two schools in Maguindanao and Lanao del Sur already have such libraries.

The ARMM government is providing high schools in the region with "Science and Technology Academic and Research-Based Openly Operated Kiosk Station," also known as Starbooks.

[Read more](#) [Log in or register to post comments](#) [Printer-friendly version](#)

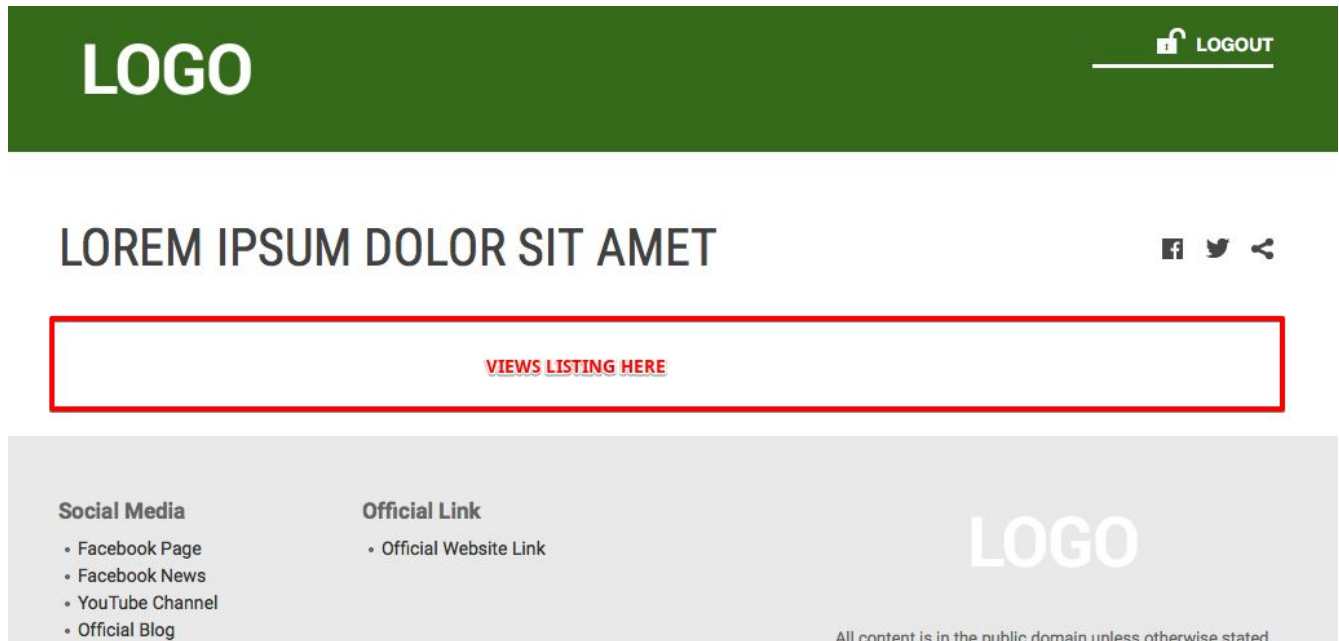
Displaying of News page is via node content : node/56712/edit

Recommended to use more news for this page. Display using views listing.

* SURVEYS

Template :

sites/all/themes/openlgu_custom/templates/pages/page--surveys.tpl.php

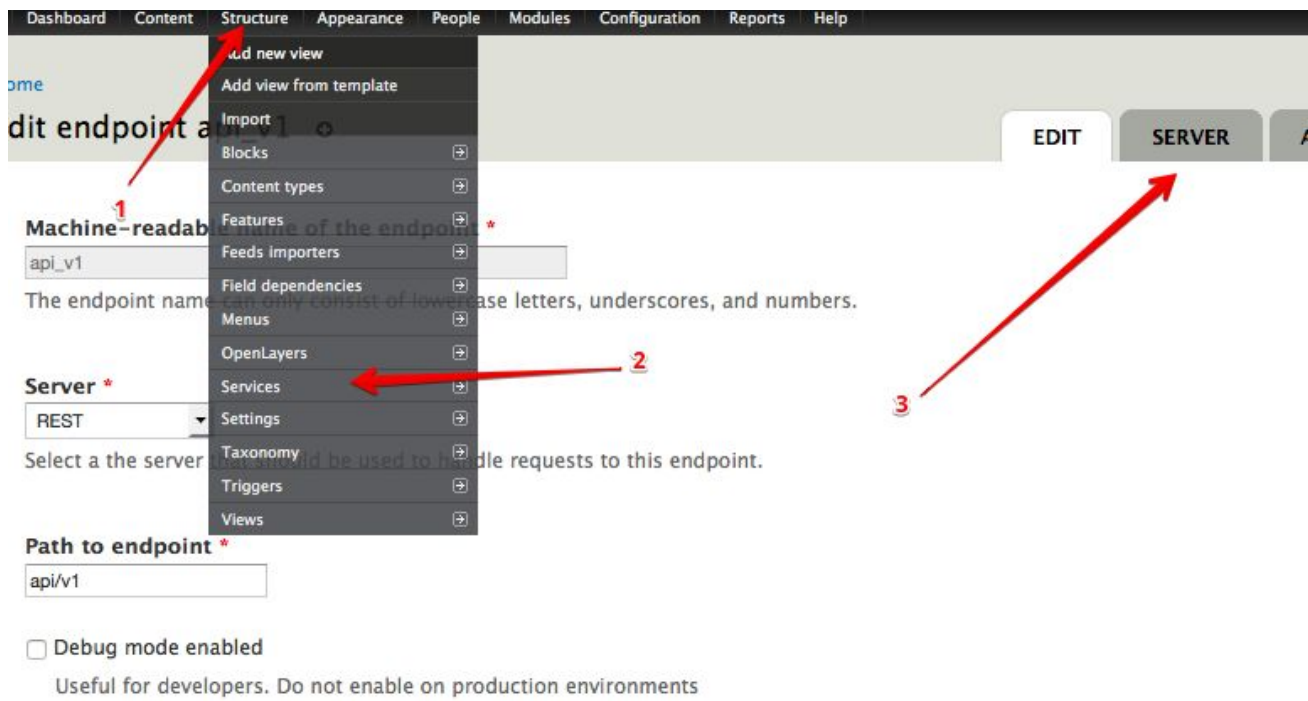


views : surveys (page).

- displaying of views listing here is hardcoded.
- recommended to use views as region not hardcoded

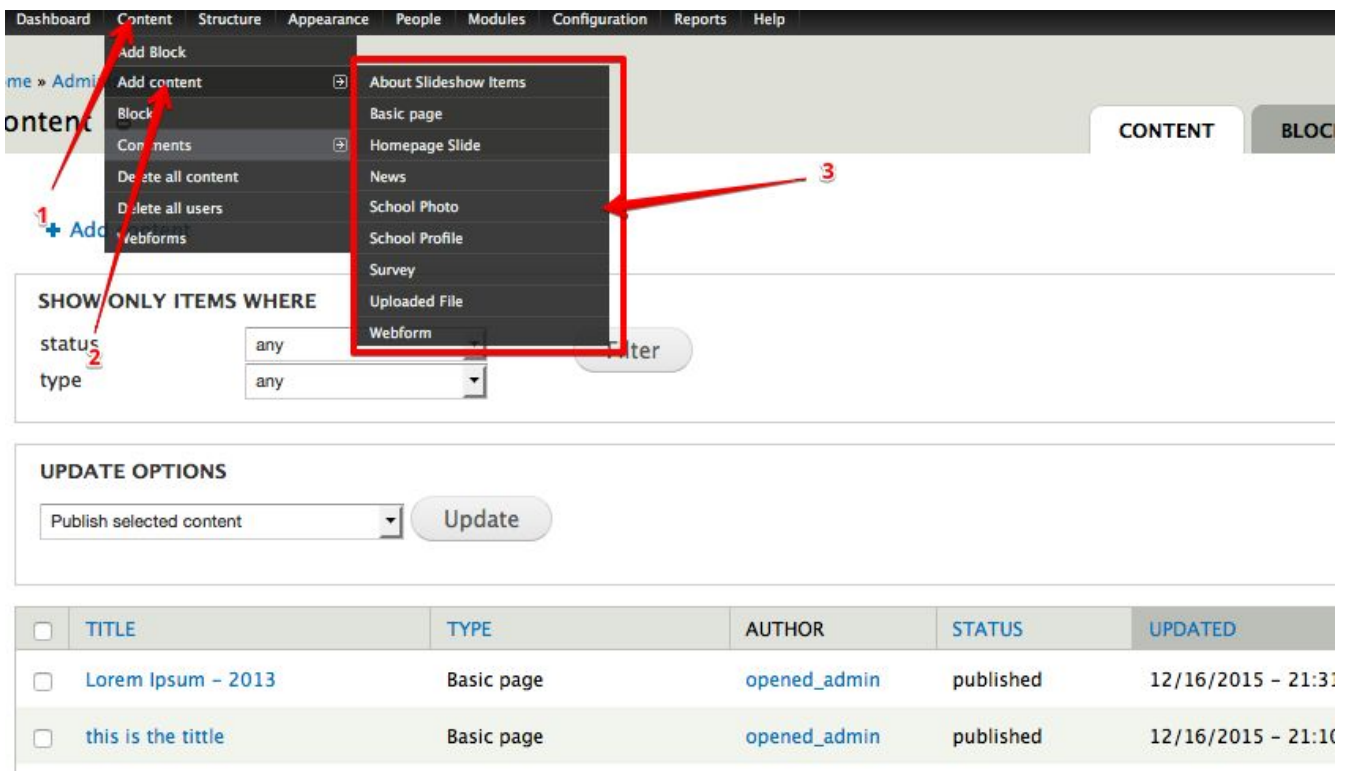
* ADMIN PAGE

- Webservice entry



1. admin structure to show submenu items
2. click Services
3. click the tabs to enter api details and resources

- Admin page to add contents



1. click Content menu to display all the contents created.
2. click Add content to display submenu for all the content types
3. select content type to add

V. RECOMMENDATIONS

- 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.