

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, 1 file deleted
Services 7.x-3.11	1 file changed
Visualization API 7.x-1.0-alpha1	2 files deleted
Webform Submission UUID 7.x-1.x-dev (2013-Oct-26)	3 files changed
Webform Multiple (WFM) 7.x-1.x-dev (2014-Mar-26)	2 files changed
Administration theme 7.x-1.0	1 file deleted

I.B For Security Updates

Modules	Current version	Recommendations
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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
Form builder (form_builder)	7.x-1.4	7.x-1.13
jQuery Update (jquery_update)	7.x-2.3	7.x-2.7
Organic groups (og)	7.x-2.4	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
Webform Component Roles (webform_component_r oles)	7.x-1.4	7.x-1.9
Webform Validation (webform_validation)	7.x-1.3	7.x-1.10

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
Page	Page	General page content
FAQ	faq	Webform for FAQ page
Survey	Survey	Webform to create survey

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III. THEMES

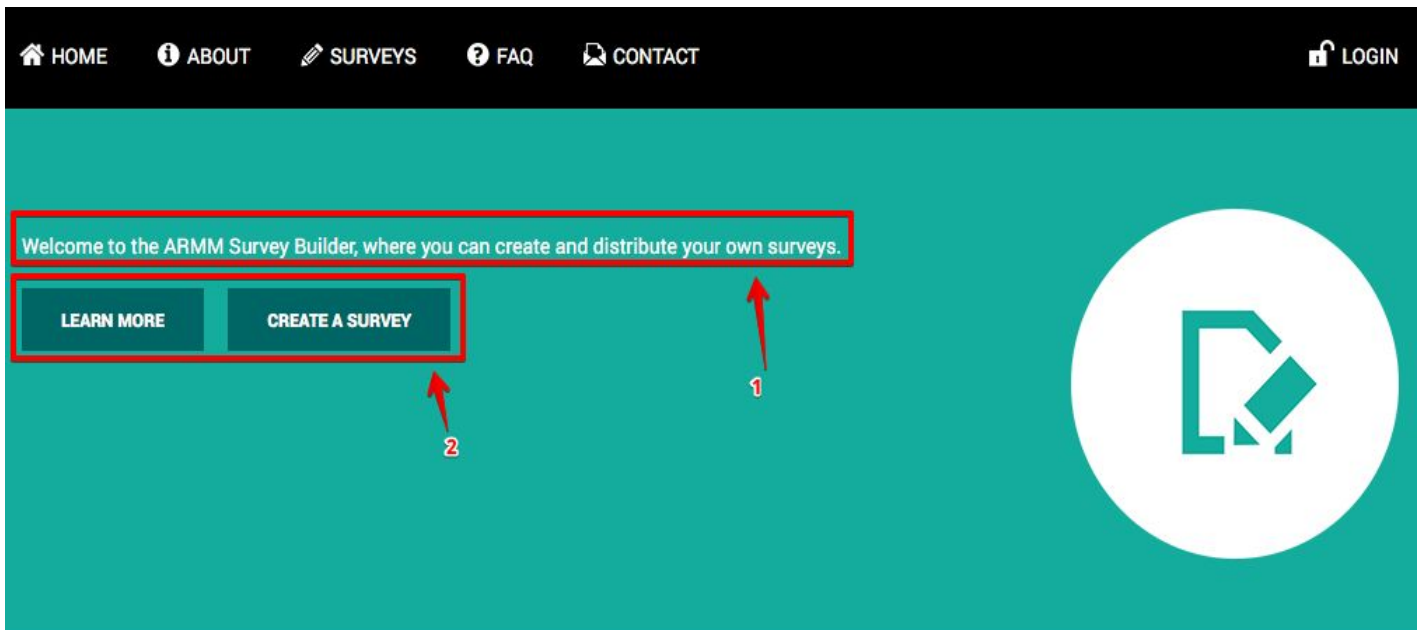
- Presentation layer of Drupal.
- Admin path: admin/appearance

Theme name	Front end	Admin
ARMM Survey Builder Custom Theme	<ul style="list-style-type: none"> - Default front end theme - custom design 	
Seven		<ul style="list-style-type: none"> - Default administration theme - drupal core theme

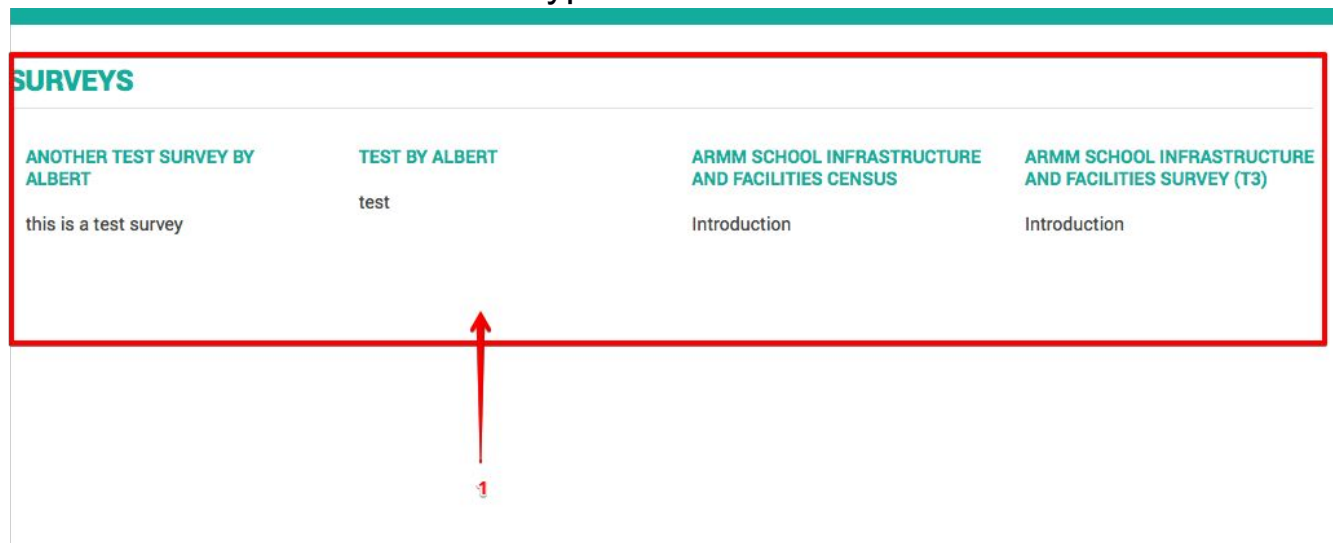
IV. WEBSITE ARCHITECTURE

* HOME

template : sites/all/themes/armmsurveycustom/page—front.tpl.php



1. node : node/5/edit
2. inside the node content as hyperlink



1. views : admin/structure/views/view/surveys/edit/block
 - views generated including the “SURVEYS” title
- * ABOUT
template : sites/all/themes/armmsurveycustom/page.tpl.php

ABOUT THE ARMM SURVEY BUILDER

Welcome to the ARMM Survey Builder.

Etiam quis pellentesque elit. Sed fermentum leo a consectetur mollis. Maecenas eu quam sed sem mollis adipiscing eget eget felis. Suspendisse sodales scelerisque nulla sit amet aliquet. Duis faucibus pharetra ligula in tincidunt. Ut sit amet sapien et urna ultricies pulvinar gravida vel mi. Quisque aliquam nulla id molestie faucibus. Pellentesque hendrerit suscipit tincidunt. Sed mi massa, vulputate nec augue in, elementum condimentum nisl. Vivamus vel ante sapien. Curabitur feugiat ipsum ac odio dictum accumsan.

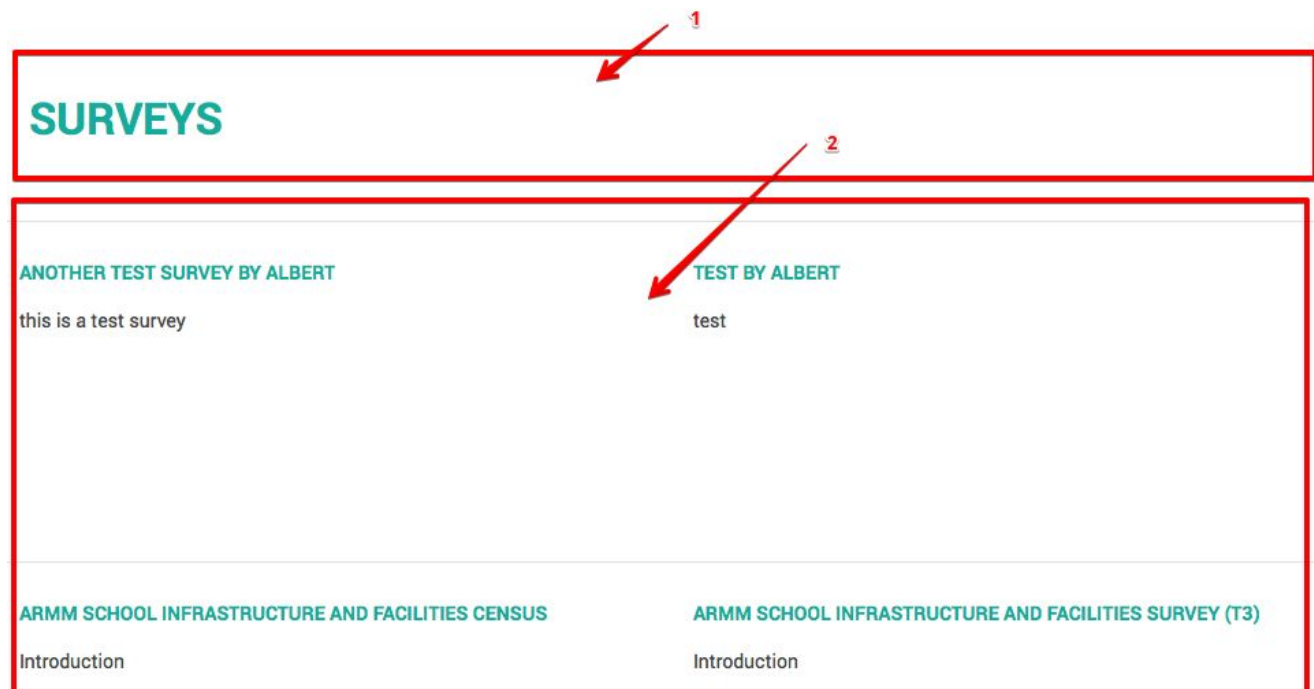
Donec metus felis, blandit at mollis a, commodo eu mauris. Pellentesque turpis metus, dictum sollicitudin accumsan eu, sollicitudin nec metus. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Maecenas consectetur, purus ac convallis sollicitudin, lectus augue sodales tellus, in suscipit nibh quam vel elit. Suspendisse feugiat lacus eu justo adipiscing, quis consequat eros aliquet. Proin facilisis rutrum tempor. Nam at enim sed tortor varius facilisis. In id iaculis dolor. Vivamus ultricies eleifend urna sit amet auctor. Morbi dapibus nibh sed malesuada feugiat. Nulla rhoncus vehicula lectus, blandit semper urna scelerisque ut.

Curabitur sit amet lobortis massa. Donec dictum suscipit dui id luctus. Praesent at eros id est ullamcorper mattis. Curabitur sit amet laoreet dolor, at egestas arcu. Maecenas id eleifend augue. Etiam ac magna in tellus molestie posuere eu quis urna. Phasellus dapibus nibh vel justo ullamcorper bibendum. Integer eu dui vel turpis dignissim porta sit amet quis arcu. Phasellus tincidunt imperdiet orci. Etiam sed sodales ante.

1. node : node/6/edit

* SURVEYS

template : sites/all/themes/armmsurveycustom/page.tpl.php



1. node : node/7/edit
 - they used a node title to display
2. views : admin/structure/views/view/surveys/edit/block_1
 - rendered using region content. I suggest using panels/pages to layout.

* FAQ
template : sites/all/themes/armmsurveycustom/page.tpl.php



1. views : admin/structure/views/view/faq/edit

- title also rendered in views

* CONTACT US

template : sites/all/themes/armmsurveycustom/page--node--9.tpl.php

The screenshot shows a web form titled "CONTACT US" in teal. The form is divided into two main sections. The left section, enclosed in a red box and labeled with a red arrow and the number "1", contains two paragraphs of placeholder Latin text. The right section, also enclosed in a red box and labeled with a red arrow and the number "2", contains four input fields: "Name", "Email", "Subject", and "Message". Below these fields is a teal "SEND MESSAGE" button.

1. node : node/9/edit

- displaying of node details is hardcoded inside the template.

2. webform : node/9/edit?destination=admin/content/webform

- displaying of webform is hardcoded inside the template

V. RECOMMENDATIONS

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- 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.