



NEW ZEALAND INSTRUMENT BUILDERS - TECHNICAL DOCUMENTATION

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1 Purpose of document

This document is a technical record of the programs installed and used to produce the New Zealand Instrument Builders website. It contains the history of programs used until this date. It also lists a planning of features that still need to be done or improved.

2 Installation details

IP address	13.238.38.173
Domain	dweb503gabriellakre.zapto.org
CMS (admin) URL	https://dweb503gabriellakre.zapto.org/admin/pages/
Linux Ubuntu	Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-1022-aws x86_64)
Hosting Provider:	Amazon.com

3 Technologies installed

Program	Version
Silverstripe	4.11
apache Web Server	Apache2
PostgreSQL Database Management System	15.1
PHP	8.1

Silverstripe Add - on	URL	Version
postgresql	Installed using composer command line	15.1
Image gallery	https://addons.silverstripe.org/add-ons/logicbrush/silverstripe-imagegallery	master
Blog	https://github.com/silverstripe/silverstripe-blog	3.10.0
User forms	https://github.com/silverstripe/silverstripe-userforms	5.13.0
Spam protection	https://github.com/silverstripe/silverstripe-spamprotection.git	3.3.0

4 Installation Methods

Item/Program	Name/Version
Composer	Version: 2.4.4
database name:	gabi_database
database user:	gabi_user
password:	Please see security passwords in "our company"
Project name:	my-project-nz-builders
CMS username:	gabriella_rk@hotmail.com
CMS password:	Please see security passwords in "our company"
Project Folder	/var/www/my-project-nz-builders

5 System additions/modifications

Program	Root user
AWS Account	Root user email address: gabriella_rk@hotmail.com

Server	ID
Cloud server (Amazon EC2 "instance")	i-0070bac2a581047ee (MyWebServer)

6 Theme details

The theme used was Skeleton Theme.

- modifications were made in the skeleton-theme> css> layout.css file: where the background colour of all components was changed, a grid template was configured for the large layout section, the homepage large layout was also configured to have a square menu and display a slideshow with the testimonials data model, the main menu was fixed to show a dropdown in all the pages apart from homepage.

- skeleton-theme> templates> includes> HomeNavegation.ss file: a div class for the square menu was added
- skeleton-theme> templates> includes> Footer.ss file: a div class for SiteConfig variable was added to show social media links in the footer
- skeleton-theme> templates> layout> ForSalePage.ss file: a loop for all children pages (For Sale Child Page) was coded with div class for each field.
- skeleton-theme> templates> layout> HomePage.ss file: HomaNavigation was included, as well as a div class for testimonials and a div class for slide formatting
- skeleton-theme> templates> layout> ServicesPage.ss file: a loop for all children pages (Services Child Page) was coded with div class for each field.

Page Type	Description
Services Page	Services Page was created to display all the services child pages
Services Child Page	Services Child Page has fields for Instrument Name, Instrument description, and photo
For Sale Page	For Sale Page was created to display all the for sale child pages
For Sale Child Page	For Sale Child Page has fields for Instrument Name, Instrument description, price and photo.
Extension with Social Media Links	SiteConfigExtension.php file was created to display social media links. It was added in the footer.ss file of the New Zealand Instrument Builders Website
Testimonial Data Model	Testimonial data model was created to add and stored testimonials and to choose which one are going to be featured in the homepage

7 Security

Cerbot was used to get Let's Encrypt certificates and enable website HTTPS

Program	Version
Cerbot	1.32.

8 Outstanding issues

Website responsiveness	CSS layout still needs to be developed to allow the website work in different screen sizes
Home Page Why Choose Us section	According with the wireframe the homepage needs to have a section with the title Why Choose Us to engage the customer to choose the client
Website colours	The website colours are different from the wireframe because using the colours blue and golden have more meaning (blue inspire trust, and golden luxury, success) to the website than the colours chosen for the wireframe. But the colour palette still needs improvement.
Website content	Content for all the pages needs to be added
Gallery	The gallery page needs to be improved to show images using thumbnail