

Project Contract

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| Client Name | Paul Iverson |
| Project Name | AZMLA Web-store |
| Date Created | 2/4/2010 |
| Version | 1.2 |

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| --- | --- |
| Project Lead | Steven Lambright |
| Lead Developer | Brian Cullinan |
| Lead Consultant | Davis Zanot |

Part 1 - Project Overview

# Project Benefit

The AZMLA Web-store will solve the client’s need for a place to sell baseball cards, in order to raise money for the AZMLA organization. It will provide an easy to use web interface for inputting product information and a shopping cart for customers to the store. It will also provide room to update and integrate information from their current website.

The AZMLA Web-store will provide an unprecedented user experience and a gateway to everything the AZMLA has to offer. Tools for updating store content most efficiently will be provided in addition to store configuration and layout design. It will provide a scalable solution for managing over 100 thousand baseball cards and other paraphernalia.

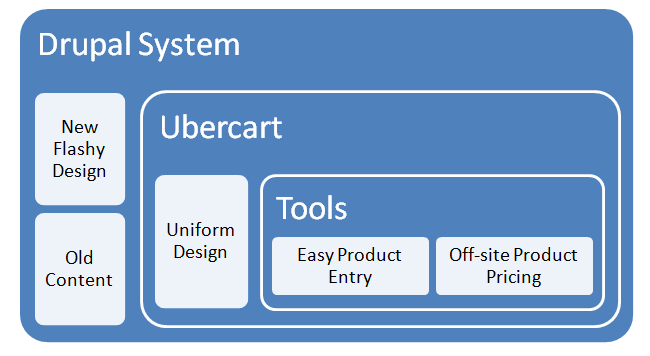
# Project History

The AZMLA has given Paul Iverson the task of setting up a store to sell baseball paraphernalia obtained by AZMLA members. These items include baseball cards (over 100 thousand cards), items signed by current baseball players, and much more. The current website for the AZMLA needs updating to a more modern and standards compliant design.

# Project Overview

We will provide an all in 1 fully featured solution for selling products and presenting the user with a more modernized website also containing the AZMLA information. This solution contains 5 main parts.

* Drupal Site
* Ubercart
* Product Tools
* Creative Design
* AZMLA Update



* Drupal System - Our solution will be based on Drupal, which is a content management system. That is, a website that provides an easy to use interface for updating website content.
* Ubercart - In addition to Drupal, we will be using Ubercart, this is a technology built for adding an online store to the Drupal system. This advanced system will provide all the shopping needs to the client and its future customers.
* Tools - We will provide the client with the necessary and easy to use tools to achieve the most efficient process for entering 100 thousand products into the store. Other tools include scripts to update pricing information from other websites.
* New Design - Our creative design and layout of the Web-store will be fine tuned to meet client satisfaction. This will be an ongoing process throughout the project, and will cover all aspects of the project.
* Old Content - Content from the preview AZMLA website can be imported easily into the Drupal system.

Part 2 - Project Specification

# Drupal System

### Time Cost: 10 hours

## Item Description:

* Provides a modern visual appearance for the potential new website containing all of their current website information.
* Provides a stable base for easily integrating other tools the client desires (e-mail, ubercart, flashy “bells and whistles”, etc.)

## Item Specification:

* Drupal 6 will be installed on a development server
* Configuration will be set up (stored in the database by Drupal)
* Base template system will be selected (Zen) and the visual design process will start

# Uber Cart

### Time Cost: 20 hours

## Item Description:

* Provides a shopping cart system
* Client can input products and pictures
* Sales are submitted to client

## Item Specification:

* Ubercart has a fully featured shopping cart
* Comes with tools to import pictures and product definitions
* Has the ability to e-mail a product sale
* Redesign of the shopping cart to fit template

# Tools

### Time Cost: 20 hours

## Item Description:

* Must provide an easy and fast way to add products to the store
* Must be easy to access
* Must support picture association with products
* Must provide an easy way to change content

## Item Specification:

* These tools can be tied directly in to the Drupal API in order to provide easy access
* Will be written in PHP and scripted to show a list of scanned products to associate with the products in the store
* With integration of Drupal, any tools needed will provide an easy way to update content

# New Design

### Time Cost: 20 hours

## Item Description:

* Must express creativity
* Must be uniform across the entire web-store and imported content from old website
* Must adhere to xHTML standards for maximum usability

## Item Specification:

* Using the Zen template as a base for all design will secure that xHTML standards are met
* The Drupal system provides a base for unifying all themes and templates across the site, in addition, CSS will be used to insure that the entire site is uniform in appearance and style
* W3C tools will be used to make sure the site is compliant

# Old Content

### Time Cost: 20 hours

## Item Description:

* Content from the old site will be redesigned by importing it in to the new site
* Modernize the look and feel of the website
* Must be presentable to AZMLA board as a possible solution for new website

## Item Specification:

* Using the Drupal system, old content will be important and re-formatted to meet the expectations of the client

Part 3 - Project Analysis

# Risks

The client does not have any server information. If the server is not compatible or powerful enough to run the Drupal system, then an alternate server solution will have to be found. This will add to the cost for the client and will cost the team additional time to configure the system.

The client is looking in to getting the team access to the current server. This access will cut down the time for copying old content into the new website. If access cannot be obtained, it will cost the team more time in copying over the old content.

Licensing issues may arise since the client will be profiting from the Drupal system. This may add an ongoing cost to the project.

# Timeline

Phase 0 - Create online tools for importing products into a database

Phase 1 - Set up Drupal system and configure

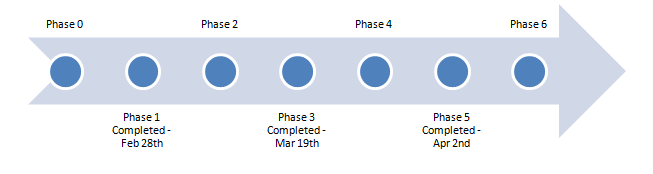
Phase 2 - Configure Ubercart to specification

Phase 3 - Convert products from database to Ubercart products

Phase 4 - Important information from old website

Phase 5 - Site is presentable, fine tune settings and design

Phase 6 - Fine tune design



Part 4 - Appendix

# Drupal

## Site: <http://drupal.org/>

Drupal is a free software package that allows an individual or a community of users to easily publish, manage and organize a wide variety of content on a website. Tens of thousands of people and organizations are [using Drupal](http://drupal.org/cases) to power scores of different web sites, including

* Community web portals
* Discussion sites
* Corporate web sites
* Intranet applications
* Personal web sites or blogs
* Aficionado sites
* E-commerce applications
* Resource directories
* Social Networking sites

The [built-in functionality](http://drupal.org/features), combined with dozens of freely available [add-on modules](http://drupal.org/project/Modules), will enable features such as:

* Electronic commerce
* Blogs
* Collaborative authoring environments
* Forums
* Peer-to-peer networking
* Newsletters
* Podcasting
* Picture galleries
* File uploads and downloads
* and much more.

Drupal is [open-source software](http://en.wikipedia.org/wiki/Open-source_software) distributed under the [GPL](http://www.gnu.org/copyleft/gpl.html) ("GNU General Public License") and is maintained and developed by a [community](http://drupal.org/node/35172) of thousands of users and developers. If you like what Drupal promises for you, please [work with us](http://drupal.org/contribute) to expand and refine Drupal to suit your specific needs.

# Ubercart

## Site: <http://drupal.org/project/ubercart>

[Ubercart](http://www.ubercart.org/what_is_ubercart) is an e-commerce suite developed for Drupal. It has been designed with the end user in mind, focusing on usability in three key areas: store configuration, product and catalog creation, and order administration. On the front end, all major systems are configurable and integrate with the standard Drupal systems (node, taxonomy, user, etc.). On the back end, the settings pages and order administration pages have been designed with ease of use in mind, and we are constantly working to lower the barrier to entry for new Ubercart users.

Ubercart out of the box is a great solution for stores that sell physical goods, digital product downloads, and site memberships. All these features can be previewed on the demo site, [Ubercart Livetest](http://livetest.ubercart.org). Feel free to check it out and post your thoughts in the forums. Read more about testing [here](http://www.ubercart.org/demo_livetest).

The community at [Ubercart.org](http://www.ubercart.org) is active and growing. Check it out to find [forum support](http://www.ubercart.org/forum), a [contributions directory](http://www.ubercart.org/contrib) holding modules, snippets, Views tutorials, and more submitted by your friendly fellow Ubercart users, and a [site directory](http://www.ubercart.org/site) showcasing live Ubercart sites.

### Current Features:

* View the [What is Ubercart?](http://www.ubercart.org/what_is_ubercart) page for more info.
* Configurable product catalog includes catalog pages and a block to display product categories.
* Flexible product creation system with product classes.
* Multiple product image support out of the box.
* Flexible product attributes system.
* Basic product stock level tracking and notification.
* Product features to add file downloads, role promotions, and more to products.
* Single page checkout.
* Automatic account generation (anonymous checkout).
* Customer and administrator checkout notifications.
* Simple order processing (with workflow-ng integration for automated order processing).
* Simple order creation and editing.
* Integrated payment system that acts as a bridge between acceptable payment methods (check, credit card, purchase order, etc.) and payment gateways (Cyber Source, Authorize.net, PayPal, etc.).
* Shipping quotes and fulfillment, including integration with UPS, FedEx, USPS.
* Sales, product, and customer reports.
* Activity logging.
* Much more... and more to come.

Ubercart is PayPal certified and listed in PayPal's solutions directory as an e-commerce solution that integrates PayPal Website Payments Standard, Website Payments Pro, and Express Checkout. For more information, you can read the [Ubercart PayPal](http://www.ubercart.org/paypal) information page.

# Zen

## Site: <http://drupal.org/project/zen>

**Zen is the ultimate starting theme for Drupal.** If you are building your own standards-compliant theme, you will find it much easier to start with Zen than to start with Garland or Bluemarine. This theme has [fantastic online documentation](http://drupal.org/node/193318) and tons of code comments for both the PHP (template.php) and HTML (page.tpl.php, node.tpl.php).

This theme saved me at 2am. Three hours of messing with 1000+ lines of nasty Garland-adapted code later, I abandoned it and recoded the site as a Zen sub-theme in under an hour. Thank you, thank you, thank you.  
- Greg

The theme “Zen” turned out to be the public favorite and won the “Best Drupal Theme” title.  
- Award announcement for the Drupal Hall of Fame Award by [Packt Publishing](http://www.packtpub.com/article/drupal-wins-first-hall-fame)

You can [see more testimonials](http://drupal.org/node/242297) in the online documentation.

The idea behind the Zen theme is to have a very flexible standards-compliant and semantically correct XHTML theme that can be highly modified through CSS and an enhanced version of Drupal’s template system.

Out of the box, Zen is clean and simple with either a one, two, or three column layout of fixed or liquid width. In addition, the HTML source order has content placed before sidebars or the navbar for increased accessibility and SEO.

The name is an homage to the [CSS Zen Garden](http://www.csszengarden.com) site where designers can redesign the page purely through the use of CSS.

### Features:

* Well documented php and css files.
* Lots of easy-to-access classes and ids for CSS developers.
* Classes on body include items like "logged-in", "not-logged-in", "front", "not-front", as well as the node type ("node-type-story", "node-type-blog", etc) for single node pages. This can allow CSS developers to do things like have a different color for a given page item for non-logged-in users, have a larger header section on the front page, or put a different background color on a given node type.
* Automatic (table-less) column resizing for 1, 2, and 3-column layouts.
* Separate layout.css file to allow for changing the type of column layout (holy grail, jello mold, etc).
* A print.css file optimizes print display automatically when sent to a printer — removes, sidebars and nav elements, optimizes font size, adds text to links showing href, etc.

# GPL

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Version 3, 29 June 2007

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