

Project Design Specification

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

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

Part 1 - Project Overview

# Introduction

The Client would like a way to sell donated memorabilia online in order to raise funds for the AZMLA. Team 1-Hitter Programmers will be setting up and configuring a Drupal website using Ubercart to manage the products. We will also be providing a set of plug-in tools for Ubercart that allow the client to input products in the most efficient way possible. Other requirements include:

* The ability for Google to list the products
* Converting the old website content to the new Drupal system
* And designing a new flashy template

The Drupal system will provide the client with a stable basic website, which sometime in the future will be able to update with minimal training. The Ubercart system is a fully featured shopping cart. This system will handle the checkout process and e-mailing orders to the client. The tools will provide and easy access way to update the product listings, including AJAX and auto-fill fields. The old site content will be ported over to the new Drupal system. This will unify the design across all information.

Part 2 - Architecture

# Drupal System

Drupal provides a rich programming API that we will take advantage of in this project. First, a base template system will be selected; this will be the starting point for all future layout and design of the site and its content. Using the Drupal API, we will modify modules such as the pre-built statistics page to provide the client with all the needed information. The Ubercart system will also be installed on top of the Drupal API. Finally, we will be creating tools that provide the client with auto-fill functionality. This will make it easy for the client to add baseball cards to the store.

# Ubercart

Ubercart is a fully functional shopping cart system that uses the Drupal API. This will be configured to send the client e-mails, register product listings with Google, and accept payments from users. Our tools will use the Ubercart system to insert baseball cards quickly and efficiently.