**Hobby Korner**

**powered by heron**

**(Online Ordering System)**

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Ver. 1.0

# **Introduction**

When you capture orders through websites; having the right system in place is critical to supporting the growth of the entire business. The right Order Management and Inventory system helps you to effectively utilize people and equipment, coordinate internal activities and communicate with your customers.

With manual systems, we have found that people often miss order slips and thus delaying fulfillment of orders as well as miscommunication in the order taking -- from the customer to the inventory where the orders will be processed.

The overall project is divided into three (3) modules: (1) The Website and Order Management Module; (2) Inventory Module and (3) Membership Management Module. This proposal focuses on the development of the whole Order Management System, which the goal over the course of the next 2 to 3 month is to implement and deploy in full production that will allow Hobby Korner to receive and process orders in an efficient and accurate manner. The implementation of the system should streamline throughput, and increase productivity.

# **II. Process Flow**

## 

## **Order & Collection**



## **System Architecture**



# **III. Features**

## Website Features

* E-commerce website.
* Features a Content Management System for the website contents.
* Features Custom Categorization of Products.
* Multiple Image upload for a single Product.
* Members Mailer for announcements.

## System Features

* Features a single page static informational website for non-VIP users.
* Features an e-commerce website for VIP users.
* Features Membership management, including Adding, Removal, Deactivation and Reactivation of users.
* Includes a Mailer for announcements to members thru the website.
* Includes order status update for users.
* Inventory In and Out Interface.
* Approval and Disapproval of Orders thru the Initial Credits and Collection Interface.
* Admin Interface with capability to perform/view functions of all internal interfaces (C&C Interface, Inventory Interface).

# **IV. Security**

* Individual logins for each user, or single login for all users (client’s choice)
* Secure http protocol used for a more secure data transfer over the internet.(client’s choice)
* Logging of activities for the whole system.
* Secured login with password encryption

# **V. Development**

Development discussed in this document only includes the first module, which includes Ordering to C&C approval to Inventory.

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| **Activity** | **Wk1** | **Wk2** | **Wk3** | **Wk4** | **Wk5** | **Wk6** | **Wk7** | **Wk8** |
| Project Scoping and Approval |  |  |  |  |  |  |  |  |
| Project Development |  |  |  |  |  |  |  |  |
| Initial Testing |  |  |  |  |  |  |  |  |
| Fixes |  |  |  |  |  |  |  |  |
| User Applied Testing |  |  |  |  |  |  |  |  |