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## CASE STUDY

### Procurement & Inventory Management Application

**Verbat Technologies**

USA | UAE | INDIA

[www.verbat.com](http://www.verbat.com)

*Verbat is a Digital Technology Services company with over 15 years of experience in delivering Internet and Mobile Solutions to Enterprises, through Agile Development and Application Management methodologies*



## **Business Need:** A solution to manage procurement and give a comprehensive inventory control

An influential Dubai-based holding company with numerous successful enterprises, our client approached us for a digital solution to retain and enhance inventory control, and manage the procurement of their family-friendly animal farm. The farm required constant supplies, which made managing the inventory difficult.

## **The Challenge**

Our team had to overcome the challenge of developing an application for users with limited technical knowledge, without omitting the detailed management options for invoices, purchase orders etc.

## **Our Solution:** A .NET based inventory and procurement management application with a simple and responsive user interface

Verbat's ample expertise in web application development coupled with a skilled team of developers allowed us to answer our clients' queries with a feature-rich application. The application development was done in various phases with our homebrewed project management methodology.

The application comes with various modules including:

- ❖ User Management – Create/Edit/Delete Multiple Users
- ❖ Master Page Management – Management of various operations associated with the farm, including:
  - Category Management
  - Item Management
  - Supplier Management
  - Supplier Inventory Management
  - Receiver/Issuer Management

### **Basic Features include:**

- 1 Simple and user-friendly UI
- 2 Comprehensive dashboard with quick links
- 3 Detailed management modules for Invoices, Purchase Orders etc.
- 4 Various Purchase, Payments and Items Issue Reports
- 5 Scalable and responsive



- ❖ Purchase Order Management – Provide various purchase related options including:
  - Purchase Request
  - Generate Purchase Orders (PO)
  - Approve Purchase Order/Request
  - View Purchase Order Status
  - Manage Purchase Order Discount
  - Direct Purchase
  - Purchase Order History
  - Edit Approved PO
- ❖ Goods Received Note Management – Provides Item Delivery and Invoice Management options.
- ❖ Issue Items Management – Shows Category, Sub-Category, Issuer, Receiver
- ❖ Payment Management – Option to check statuses of payments for validation
- ❖ Reports – Option to generate various reports including:
  - Open Purchase Report
  - Closed Purchase Report
  - Category Purchase Report
  - Monthly Item Cost Report
  - Monthly Supplier Cost Report
  - Direct Purchase Report
  - Inventory Report
  - Delivery Report
  - Items Issue Report
  - Quantity Purchase Report
  - Payment Report

## Results: Streamlined procurement management, greater inventory control, reports-based decision making

### Business benefits Include:

- 1 Business assessment made easy with multiple reports
- 2 Effective inventory management
- 3 Easier to identify limited/out of stock supplies
- 4 Categorized operations management
- 5 Reduced operational time

## Technology

### Programming Language

**.NET**

### Hosting Environment

**MS SQL Server 2008 R2**

### Database Server

**Windows 2008, IIS 7.0**