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E-Bazaar Vision

Version 1.0

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Table | Version | Description | Author |
| 2/May/17 | Draft | Initial Draft | Kokeb Beyene |
| 2/May/17 | 1.0 | Minor revisions following Peer Review.  Added performance requirements. | Belisty |
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Vision

# 1          Introduction

## 1.1           Purpose

**The purpose of this document is to define the high-level requirements of the E-Bazaar Online Shopping system in terms of the needs of the end users.**

## 1.2           Scope

This Vision document applies to advent of e-business solutions and the creation of E-Bazaar companies, the management of e-Bazaar, Inc., has initiated an enterprise-wide project which aims at rewriting its current client-server order-entry system.

The original 2-tiered system was developed quickly as a way to assist sales reps in taking telephone orders. However, now there is a need for this in-house order entry system to be extended to the web to enable online shopping.

# 2          Positioning

## 2.1           Business Opportunity

This project of , the new system will function making online purchase both on the Internet (online customers) and on an Intranet (for sales representatives) . The product management department will need to define new products and categorize them into catalogs of various types: books, CDs, computer hardware, software, women’s clothing, men’s clothing, exotic sports goods and state-of-the-art gadgetry.

## 2.2           Problem Statement

|  |  |
| --- | --- |
| *The problem of* | E-bazaar is facing various business and market challenges that make it necessary for e-Bazaar companies to rebuild their business systems. The architecture and design of the system were not meant to sustain the current load |
| *affects* | Customers, Sales reps, and E-Bazaar Management inc. |
| *The impact of which is* | Gradual piecemeal additions to functionality have introduced unexpected errors and system failures have become more frequent |
| *A successful solution would* | Speed up and Handle current load of the company, the new system will make online purchase function both on the Internet (online customers) and on an Intranet (for sales representatives) |

## 2.3           Product Position Statement

|  |  |
| --- | --- |
| *For* | E-bazaar ILC companies Customers, Sales reps, and the Management. |
| *Who* | Purchase, browse, review history of past orders |
| *The Online Shopping* | Is a tool |
| *That* | Making online purchase and function both on the Internet (online customers) and on an Intranet (for sales representatives) |
| *Unlike* | The existing outdated in-house /phone call/ order entry system |
| *Our product* | Providecustomers be able to make online purchases, browse online catalogs of products of various types (both catalogs and products), review a history of past orders, and conduct online shopping with a shopping cart, which can be used for immediate online purchase and also can be saved and reviewed and updated later by the user**.** |

# 3          Stakeholder and User Descriptions

This section describes the users of the E-bazaar inc e-Bazzar System. There are 3 types of users of the E-bazaar System; the Customer, the Sale reps, and the Managements.

## 3.1           Stakeholder Summary

|  |  |  |
| --- | --- | --- |
| **Name** | **Represents** | **Role** |
| Chief Information Officer | IT Department and E-Bazaar INC as whole. | Responsible for project funding approval. Monitors project progress. |
| legal department |  | before an order is accepted, the customer needs to formally acknowledge the standard Terms of Agreement that e-Bazaar has with its customers |
| Product Management Department | The Sales representative, Product Management Department | define new products and categorize them into catalogs of various types: books, CDs, computer hardware, software, women’s clothing, men’s clothing, exotic sports goods and state-of-the-art gadgetry. |
| Customers | Customers | register their names and information, including billing and shipping addresses, method of payment and default catalogs as part of their profile |
| Pigeons, Inc | Carrier | guaranteed that customers who make purchases at e-Bazaar get the highest-quality and lowest prices on shipping of their products |
| external credit verification system | Vender | used to verify credit card processing |
| external vendor | Vender | has agreed to supply an external Rules Engine, including an Address Sanitizer, that will be used to store and execute rules for data validation and to format address data according to published post office standards. |
| *WhereAreYou?,* Inc | Internet portal | whereby a large volume of on-line customers will be added to their already growing clientele. |

## 3.2          User Environment

Access is guaranteed to be secure to minimize the risk of fraud. E-bazaar will retain information on all online customers in the company (currently 50,000 customers). When customers use the new system to browse catalogs, the system will read the product database and display current stock, along with prices and product information. When a customer makes a purchase, the system will compute subtotal, taxes, shipping costs and final totals.

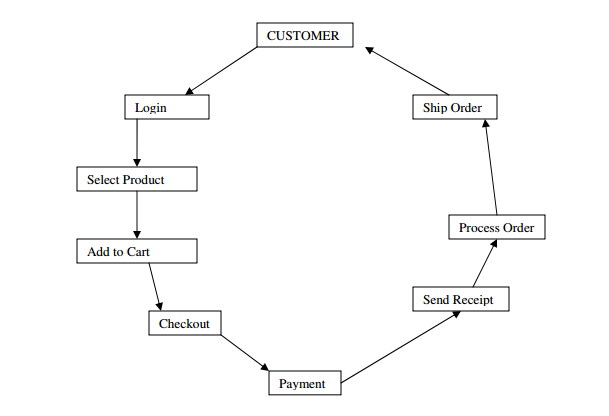
# 4          Product Overview

This section provides a high level view of the e-Bazaar System capabilities, interfaces to the external shipping System and product Catalog Data Base System, and the system configuration.

## 4.1           Product Perspective

Current customers can register their names and information, including billing and shipping addresses, method of payment and default catalogs as part of their profile, which should be loaded at login. This is in accordance with the Personalization metaphor, where a Customer can filter the defaults they see by way of defining their preferences in a Customer Profile that gets dynamically loaded upon login. In this first phase of development, the new application will not support the creation of new customers.

**Figure 4.1 Online -shopping system**



## 4.2           Assumptions and Dependencies

The following assumptions and dependencies relate to the capabilities of the E-

Bazaar System as outlined in this Vision Document:

o        Gradually you will phase out the antiquated system that the founders valiantly built in their garage, in the corn fields of Iowa.

o        E-bazaar, for faster time to market of its new online order-entry system, will defer the replacement of their legacy database management system

# 5        Other Product Requirements

## 5.1           Applicable Standards

The desktop user-interface shall be Windows 95/98 compliant.