WEB BASED ONLINE SHOPPING SYSTEM

(A CASE OF OVERSEAS CURIOS)

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APPROVAL

This Systems Development project has been submitted for examination with the approval of the undersigned as the University Supervisor.

Signed _____ **Date:** _____

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I have taken efforts in this project. However, it would not have been possible without the kind support and help of many individuals and organizations. I would like to extend my sincere thanks to all of them.

I am highly indebted to **Overseas curios Ltd** their guidance and constant supervision as well as for providing necessary information regarding the project & also for their support in completing the project.

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I would like to express my special gratitude and thanks to industry persons for giving me such attention and time.

My thanks and appreciations also go to my colleagues in developing the project and people who have willingly helped me out with their abilities.

DEDICATION

I would like to dedicate my project to my parents, family members, ever faithful friends so as the JKUAT community at large.

God bless you all.

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ABSTRACT

Electronic commerce's Business-to-Consumer (B2C) aspect is the most seen and used in businesses today. The primary aim of an online e-commerce system is to digitally enable commercial transactions between and amongst organizations and individuals.

An Online Shopping is a web based application intended for online retailers. The main objective of this web application is to make it interactive and its ease of use. It would make searching, viewing and selection of a product easier. It contains a search engine that provides an easy and convenient way to search for products where a user can search for a product interactively and the search engine would refine the products available based on the user's input. The user can then view the complete specification of each product. They can also view the product reviews and also write their own reviews.

In this project, we are dealing with an e-commerce website for a pharmaceutical company. The system is basically implemented on a web server with a backend MySQL database (phpMyAdmin page) and a web browser as the front end client (localhost).

In the development of this project, we are using a content management system which concentrates on an object oriented php framework so as Open Source customizations. Also we have to be well knowledgeable on programming languages such as Hyper Text Markup Language (HTML), Preprocessor Hypertext (PHP), and Cascading Style Sheet (CSS3) and on the relational database management systems (MySQL).

The project has a goal to develop an e-commerce website where a consumer or a customer can make his/her orders via a shopping cart and provided information on the various available pharmaceutical products. The documentation will discuss in detail how each of the following technologies will be used and implement an e-commerce website.

CHAPTER ONE: INTRODUCTION

1.1 BACKGROUND

Any business in today's fast-moving environment that is looking for the pace of change to slow is likely to be sorely disappointed. In fact, businesses should embrace change. Change is important for any organization because, without change, businesses would likely lose their competitive edge and fail to meet the needs of what most hope to be a growing base of loyal customers.

Without change, business leaders still would be dictating correspondence to secretaries, editing their words and sending them back to the drawing board, wasting time for all involved. Change that results from the adoption of new technology is common in most organizations and while it can be disruptive at first, ultimately the change tends to increase productivity and service Technology also has affected how we communicate. No longer do business people dial a rotary phone, get a busy signal, and try again and again and again until they get through. No longer do business people have to laboriously contact people, in person, to find out about other people who might be useful resources no longer do people especially tourists need to be physically available for them to get the curios - they can search for experts online through search engines as well as through social media sites. Today's burgeoning communication technology represents changes that allow organizations to learn more, more quickly, than ever before.

Overseas curios Ltd is a real-time e-commerce website that links curios products such as wood carvings, soapstone carvings jewellery and bags to companies, retailers and so as individual consumers. Marketing of the curios products in Kenya has been a problem in reaching many consumers at large especially globally. Tourists and customers have also been unable to use online electronic money transfers and payment due to privacy of their bank details might be insecure. This project will develop a software model or prototype that will enable curios market and access the consumers with ease.

The main objective for developing overseas curios ltd is to target our consumers globally irrespective of their position or geographical areas in which they come from as long they make

an order and pay for them products will be delivered at their convenience. It also aims at marketing and advertising their products globally. Developing an online shopping system will not depend on seasonal fluctuation of the economy people around the world can shop any time of the season and the year at their convenience.

A good e-commerce site should present the following features to the customers for better usability:-

- Range of products offered.
- Easy scanning and selecting items in a list.
- Clear and easy to use user interface.
- Effective categorical organization of products.
- Simple navigation from home page to information and order links for specific products.
- Obvious shopping links or buttons.
- Minimal and effective security notifications or messages.
- Consistent layout of product information.

The system can be developed by many technologies including case tools such as Dreamweaver, Joomla, WordPress, Drupal, for website development. Notepad++ has which will greatly help in the customization of html codes and so as cascading style sheets (CSS3). Adobe Fireworks and Photoshop is mainly used for editing images and photos to be used for website applications which will bring the pixel perfect concept of images to enhance photo clarity. Joomla is not suitable since its extensions, either module, plug-in or components have errors in code and takes time to debug them.

 The developers of the system used WordPress because of its simplicity, popularity, availability, easy to learn and has more features. It provides an easy user interface for the targeted users

(administrators of the company) to do updates on their system as far as products pricing, information and availability in stock is concerned.

In application programming for the Internet, languages that can be used include Active Server Pages (ASP.net), JavaScript, php, Ruby on Rails, Django but the developer will prefer using HTML, CSS and PHP due to their simplicity and easy compatibility with MySQL database which is a free and robust in functionality compared to other relational databases such as Access databases. Oracle is the best but it is complex and is a commercial DBMS. The system will also include web 2.0 features such as feedback mechanism, user participation and rich user experience.

1.2   Statement of the Problem

In a broader perspective, overseas curios sellers have been losing its competitive edge. Due to not adopting the current technology the curios sellers are unable to reach a wider market scale and establishing a global presence.

Currently the shopping system depends on the customer's physical appearance to buy their products and this creates a battery of problems including time wastage and duplication of labor.

Initially, clients depended on advertised messages in printed form, televised media, or personal sales in some instances. A client would then make a phone call to the sellers to get information and make requests. This has been a cumbersome and time consuming process, not to mention cost implications on making international calls.

There is the need for device preferences for accessing the e-commerce system for selling of Curios products in Kenya and also the acceptance of ecommerce in selling the cultural products.

1.3 Objectives

1.3.1 General Objectives

To analyse the current manual system with aim to provide an automated system, soecifying requirements and design an interactive content management system for overseas curious limited\

1.3.2 Specific Objectives

1. To review the current manual shopping system with a view to provide an online shopping system.
2. To analyze the requirements for an online shopping system to provide functional

specifications by providing links, searches, and images.

3. To test the acceptability of the online Curios shopping by clients.

4. Develop a web-based online curios shopping system that is functional, user-friendly and to deploy the system for testing.

1.4 Scope of overseas curios

The project will develop an online shopping system within two months with limited functionality. The web-based system will be used to manage products on sale, available offers and stock. The users could subscribe in the system and sent price alerts with the admin at the back end which would enable them to receive messages when price for products fall below a particular level.

Users can have multiple shipping and billing information saved. During checkout they can select shipping and billing information.

This project will work towards developing an online shopping System for overseas curios sellers to provide new conveniences to the client. It may be further customized, seated and replicated to other companies with similar operations and/or needs.

1.5 Limitations of the study

i. **Resistance to change**

Resistance of staff when collecting data for they perceived any change occurring was a threat to them. This resistance to change was a key variable affecting change decisions and outcomes, and its negativity and unresponsiveness required several explanations to gain understanding.

ii. **Inadequate funds**

The cost implication in developing is high hence requires the management to come up with decisions on the reduction of its other expenses to enable it achieve the objectives of the proposed system.

iii.   **Time**

The time given for the study and development of the system is limited, bearing in mind that the developer is also undertaking class work at the same time. To manage the pressures involved, the researcher was forced to utilize the allocated time with sleepless nights in order to complete the requirements.

1.6 Project justification

The system will enable the consumers reduce time loss in getting handmade carvings products and also be information rich on available offers and stock. This proposal gives factors to consider for developing software solutions.

The study will benefit curios sellers by improving its sales through online shopping system hence turning it to be more efficient and effective aiming to meet its client's demands.

CHAPTER TWO: SYSTEM DEVELOPMENT METHODOLOGY

2.1. Introduction

This involves the analysis of the methodologies and techniques used in the creation of the system, its development and implementation. The project used rapid application development

Rapid application development (RAD) the feasibility study was conducted to determine the worthiness of the proposed system.

2.2. Feasibility study

Feasibility study for the development of online shopping system was carried out to determine if the system is worthwhile. This study investigated the problem through gathering information needs of the resources required, the goals and implications of the project, the costs and benefits of such a solution. The system viability was done from various perspectives ranging from economical, technical and financial as indicated below:

2.2.1 Economic feasibility

The financial assessment of online shopping system was aimed at ensuring that the benefits provided by the system outweighed the costs that are to be incurred through the construction and use of this system. Therefore a Cost Benefit Analysis (CBA) was carried out to determine the benefits. The speed and accuracy at which the services were offered to the customers when using this system will ensure that the customers are satisfied and thus through users' satisfaction the organization shall be in a position to increase its revenues while decreasing its costs. This is because as more clients get satisfied with the services, more clients are attracted to the services offered by overseas curios.

2.2.2 Technical feasibility

Technical feasibility was employed to determine whether the project was technically doable and established that the management was willing to purchase the software that will run the system. It established that the system was usable in its interfaces with the users and clients. It investigated the system developed does not require technical training for its users. Generally, his study aimed at the possibility of implementing online shopping system with better throughput than the current system.

2.2.3 Operational feasibility

Operational feasibility investigated whether the system shall achieve solutions to most of the problems currently facing the current system. Whether it is able to interact with the users freely and is it compatible with existing practices. It was carried out to determine whether the literacy levels of personnel in overseas curios could build up and be able to install and use the new system. It determined the willingness and ability of the support staff and customers to operate and support the online shopping system. Analysis ensured that users of the system will not have challenges regarding the use of the system hence ensure interactivity features are built in the website for effective usability.

2.3 RAPID APPLICATION DEVELOPMENT (RAD)
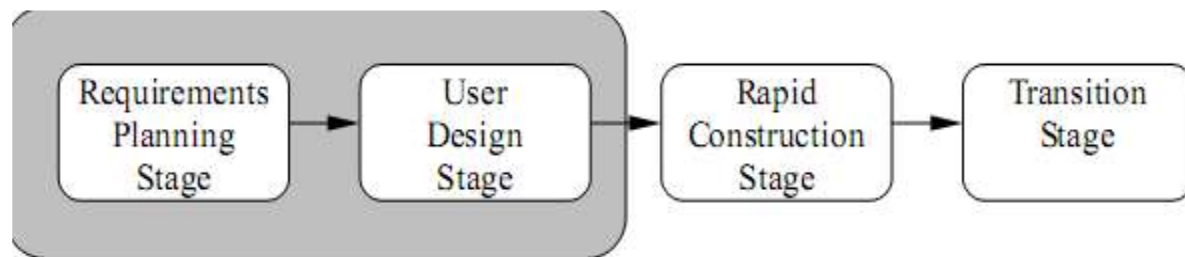
Figure 2.1 Rapid Application Development (RAD)

RAD is a software development methodology that uses minimal planning in favor of rapid prototyping. The "planning" of software developed using RAD is interleaved with writing the software itself. The lack of extensive pre-planning generally allows software to be written much faster, and makes it easier to change requirement.

The term rapid application development was coined by James Martin (1991) according to him RAD is a development life cycle designed to give faster development and higher quality results

than those archived with the traditional life cycle. It is designed to take maximum advantage of powerful development software that has evolved recently.

The developer preferred to use RAD because it enables quick development of software products by using computer aided software engineering (CASE) tools in combination with methods of iterative development and rapid prototyping. It aims at reducing the time involved in the planning phase.

2.3.1 Phases of rapid application development

1. Requirements Planning phase – combines elements of the system planning and systems analysis phases of the Systems Development Life Cycle (SDLC). Users, managers, and IT staff members discuss and agree on business needs, project scope, constraints, and system requirements. It ends when the team agrees on the key issues and obtains management authorization to continue.

The objectives of the requirement planning stage are

✓ To establish a general understanding of the business problems that surround its development and eventual operation;

✓ To become familiar with existing systems and;

✓ To identify the business processes that will be supported by the proposed application.

The requirement planning stage begins with a meeting or series of meetings, between the businesses and IS management. These meetings initiate the development process by establishing a mutual understanding of the objectives of the development project in general and the system in particular.

The tasks of this stage are:

(a) Research Current Situation

This task initiates the requirement planning stage for the proposed system by researching the current environment. The information developed in the initial discussions provides a starting point for this investigation. This research is conducted for preparing the requirements definition. The project team members become familiar with the current situation by investigating current systems, the information available in any existing CASE repositories, and by looking at similar systems for the purpose of looking for any reusable structures.

(b) Define Requirements

The outline system area model and scope of the proposed system are developed in this task. The functionality of the system is expressed in terms of the business processes and the data that the system will support. Management issues that affect subsequent development and transition activities are also identified.

Deliverables of this task are accomplished. Participants in these workshops include the managers of business areas that will be directly affected by the operation of the proposed system.

(c) Finalize Requirements

In this task, the scope of the proposed system is formally documented. An estimate of the cost and duration to implement the system is prepared. Sometimes, the cost and duration may already be fixed when the project commences. In this case, the scope must be well defined such that the project is still viable with the cost and duration provided. Approval to proceed with the implementation is then obtained.

2. User design phase – during this phase, users interact with systems analysts and develop models and prototypes that represent all system processes, inputs, and outputs. The RAD groups or subgroups typically use a combination of Joint Application Development (JAD) techniques and CASE tools to translate user needs into working models. User Design is a continuous interactive process that allows users to understand, modify, and eventually approve a working model of the system that meets their needs.

The objectives of the user design stage are

- ✓ To analyze in detail business activities associated with the proposed system area;
- ✓ To develop the system structure in terms of the automated and manual functions that will comprise the system;
- ✓ To develop proposed screen layouts for the most important automated functions;
- ✓ To select the appropriate construction approach for the system and;
- ✓ To prepare a work plan defining the steps necessary for transition of the system, the effort required to perform these steps, and a schedule by which these steps can be completed.

The UD stage produces a detailed system area model, an outline system design, and an implementation plan. End users participating in Joint Application Design (JAD) workshops perform the analysis and design activities associated with this stage.

The tasks of this stage are:

(a) Produce Detailed System Area Model

JAD workshops are conducted to complete the analysis of the business activities and data associated with the proposed system, and produce a detailed system area model. Once the detailed system area model is completed, it is possible to refine the scope to ensure that the critical functions will be delivered in the required time frame.

(b) Develop Outline System Design

An outline system design is developed by the JAD workshop participants using the system area model that has been completed and confirmed. Upon completion of the outline design, interactions between procedures (series of functions) and data are identified. That is, data usage per function is defined. The deliverables produced in this task include functions required for the system, reusable design components to be incorporated into the system design, system structures and tentative layouts of critical screens and reports to be supported by the system.

(c) Refine System Design

The design that emerges from the JAD workshops is reviewed by the project team members and the user design team. The consistency of the analysis and design is confirmed via interaction analysis and prototyping. By interaction analysis, the interactions between functions and data are analyzed to identify missing/extraneous functions (no data usage) or data (not used by any function). The completeness of the detailed system area model and outline system design is verified. When inconsistencies are resolved, prototypes of screens are developed and shown to the users for review and revision. Adjustment to the list of open issues is then made.

(d) Prepare Implementation Strategies

A plan for the implementation of the system is developed. The implementation approach is selected after reviewing the design of the system. To speed up delivery, parallel development and time box development can be adopted. An implementation plan is prepared listing all the tasks that must be performed to develop the system and convert it into operational use.

(e) Finalize System Design

The outline design of the system and implementation plan needs to be finalized. Usually JAD workshops are conducted. Workshop participants suggest changes to the design based on their

experience in reviewing the prototypes and further research into the system requirements. Open design issues are discussed and resolved except those with no impact to the system design such as cultural issues. The implementation plan for the system is presented and discussed, enabling workshop participants to point out any unforeseen problems or invalid assumptions in the plan.

(f) Obtain Approval for Construction

The results of the final JAD workshop are incorporated into the system design and implementation plan, and approval to proceed to the Rapid Construction Stage is sought.

3. Rapid Construction phase – focuses on program and application development task similar to the SDLC. In RAD, however, users continue to participate and can still suggest changes or improvements as actual screens or reports are developed. Its tasks are programming and application development, coding, unit-integration and system testing.

The objectives of the Rapid Construction stage are

✓   to complete the detailed design of the proposed system;

✓   to create and test the software that implements the proposed system;

✓   to generate a system that operates at an acceptable level of performance;

✓   to prepare documentation necessary to operate the proposed application;

✓   to design, develop, and test the required transition software and;

✓   to perform the steps necessary to prepare for the conversion of the system to production status.

The design of the proposed system, initially described in the UD stage, is completed in the RC stage, and application software to implement that design is developed and tested. Activities to prepare for the transition of the system to production status are also performed.

The tasks of the RC stage are:

(a) Prepare for Rapid Construction

The development environment is finalized including workstations and workspace for the system developers, and the CASE software for their use. Additionally, the database is designed based on the preliminary data structure developed in the UD stage.

Finally, the testing strategy for the system is completed and the acquisition of facilities necessary to operate the system after it is constructed is initiated.

(b) Construct System

The detailed definition of the design of each function is completed, based on the requirements of the future end-users. Software to implement the automated functions is developed and tested.

(c) Generate Test Data and System Documents

This task involves developing the necessary test data that will verify the operational capacity of the system. This data will be used during the integration, system and acceptance tests. Documentation explaining how the system is to be operated by users and computer operations personnel is produced.

(d) Prepare for Transition

Activities in this task are to prepare for the subsequent conversion of the application into production status. These activities include:

To prepare a detailed work plan for transition activities and a contingency plan to cover failure of the converted application;

To develop software needed to convert data from existing formats into formats used by the application;

To develop transition procedures and arrangements;

To prepare a user training plan and training materials; and

To resolve organizational issues related to deployment of the new application.

(e) Verify System Construction

The system must be put through a series of tests to ensure that each component of the system and the complete system performs according to the user requirements.

4. Cutover phase/ transition stage – resembles the final tasks in the SDLC implementation phase, including data conversion, testing, changeover to the new system, and user training. Compared with traditional methods, the entire process is compressed. As a result, the new system is built, delivered, and placed in operation much sooner.

The objectives of the TR stage are

- ✓ To install the system in production operation with minimal disruption of normal business activity;
- ✓ To maximize the effectiveness of the system in supporting the intended business activities and;
- ✓ To identify potential future enhancement.

The system developed in the RC stage becomes operational in the TR stage. At this time, the developers prepare existing data for the new system and train users to operate the new application. They also provide support to resolve any problems that arise immediately after the application becomes operational.

The tasks of the TR stage are:

(a) Conduct User Training

Training sessions are conducted to instruct future users of the new system on how it operates. This training is completed before the application is placed into production. The training sessions are based on materials developed during the RC stage and follow the training plan that was developed at that time. The training may include a train-the-trainers program if a large number of users have to be trained or permanent training is required.

(b) Perform Data Conversion

Information necessary for the operation of the new system is converted from existing data sources into a format accessible by the new system. The converted data is then loaded into the data structures associated with the system.

(c) Install production system

Steps necessary to commence operations of the system in the production environment are performed in this task. Necessary adjustments to the hardware and system software configuration are completed; instruction given to the operations personnel who will be operating the system and software libraries loaded with the production versions of the application software.

(d) Accept System Installation

The new system installation can be regarded as successful and will be accepted when it operates for a specified period within defined tolerances for performance, error rate and usability. This acceptance is based upon agreements among users, production/operations staff, support staff, and the information management organization about schedules, procedures, pricing policies, warranty agreements, software, and systems documentation.

2.3.2 Justification of RAD methodology

- ✓ Faster delivery time: the primary advantage of RAD is a faster development life cycle, and a better turnaround time of the software product. This is achieved by rapid prototyping and by using automated tools like CASE tools that will enable the developer to re-use previously generated codes thus saving time needed for manual coding.
- ✓ Better quality: although the RAD process may imply some compromise in terms of scalability and the range of features in the product, it still leads to a better overall quality of the product being delivered. RAD enhances the product quality by meeting the requirement.
- ✓ Lower cost: customers are willing to pay for a good quality product delivered in a short time frame. RAD involves the use of existing reusable components, leading to lower cost of production.

2.4 Data collection tools.

Data Collection is an important aspect of any type of proposal study. Inaccurate data collection can impact the results of a study and ultimately lead to invalid results. Data collection methods for impact evaluation vary along a continuum.

2.4.1 QUESTIONNAIRE

A Questionnaire is used because it provides an inexpensive method of gathering data from a large number of people, allowing individuals to maintain their identity (anonymity) hence they can provide real facts.

The questions will be presented consistently to all the respondents without bias and interview because they happen to be the most effective and appropriate for this project.

It has four main objectives.

i.   To acquire an understanding of existing system and people's views on e-commerce as a channel for access to the website and curio products.

ii.   To get the user interfaces preferences.

iii.   To collect information on the application environment such as type of the devices

available to users to access the internet.

iv.   To get views on what the targeted users expect the system to do (functional requirements).

A questionnaire was conducted to gauge opinions on the current processes. This approach was chosen over an interview or focus group because although these two methods would gather more in-depth information, the number of people that could contribute would be limited. A questionnaire can be sent out to many people, and a well-structured set of questions will be able to extract the appropriate level of detail required from the respondents. In addition, a higher quantity of responses would be obtained and individuals would maintain their identity (anonymity) hence they can provide real facts.

Justification of questionnaire

1.   Practical

2.   Large amounts of information can be collected from a large number of people in a short period of time and in a relatively cost effective way

3.   Can be carried out by the researcher or by any number of people with limited affect to its validity and reliability

4.   The results of the questionnaires can usually be quickly and easily quantified by either a researcher or through the use of a software package

5.   Can be analyzed more 'scientifically' and objectively than other forms of research

6.   When data has been quantified, it can be used to compare and contrast other research and may be used to measure change

7.   Positivists believe that quantitative data can be used to create new theories and / or test existing hypotheses

2.4.2 INTERVIEWS

In Quantitative proposal (survey proposal), interviews are more structured than in Qualitative proposal. In a structured interview, the proposal asks a standard set of questions and nothing more.

Interviews can be:

i.   Face -to -face interviews.

ii.   Telephone interviews.

The developer carried out the face to face interview with the management team at the Overseas Curios Ltd to find out the problems they are facing with the current system as well as their expectations of the new system.

CHAPTER THREE: ANALYSIS AND DESIGN

3.1 ANALYSIS

System analysis was employed to manage complex challenging and stimulating organizational process that the developer used to develop online shopping system. System analysis examined overseas curios current operations situation for the purpose of developing a system solution to the problem of devising improvements to such a situation.

Its aims were:

i.   Detailing the specifications of user's and the operators requirements and establish the data required by the system

ii.   Ascertain if an output conforms to the management's requirements

iii.   Establish the successes and drawbacks of the current system.

The analysis employed the use of Unified Modeling Language (UML) diagrams which have very powerful rapid application development.

The following diagrams were drawn to present a perspective of the current system and the proposed system.

iv.   Use Case Scenarios Diagrams.

v.   Conceptual Class Diagram.

vi.   Interaction Diagrams (Sequence and Collaboration).

vii.   Detailed Class Diagram.

Each diagram served a special purpose for the analysis of the existing system.

3.2 THE CURRENT SYSTEM

The current system is manually operated by overseas staff and include, marketing managers, sellers, clerical, office assistants and telephone operators.

3.2.1 THE OPERATIONS OF THE CURRENT SYSTEM

The current system of overseas curios uses, physical customer walk-ins, letters, faxing, and telephone calls and via e-mails, after receiving the orders, the client orders are recorded in a register preferably a book.

On the arrival of the customer, their details are captured when they purchase their detail include names, country of origin, phone numbers, email addresses the type of commodity bought and quantity. The process is then done the receipt is written and the customer walks out with the products bought.
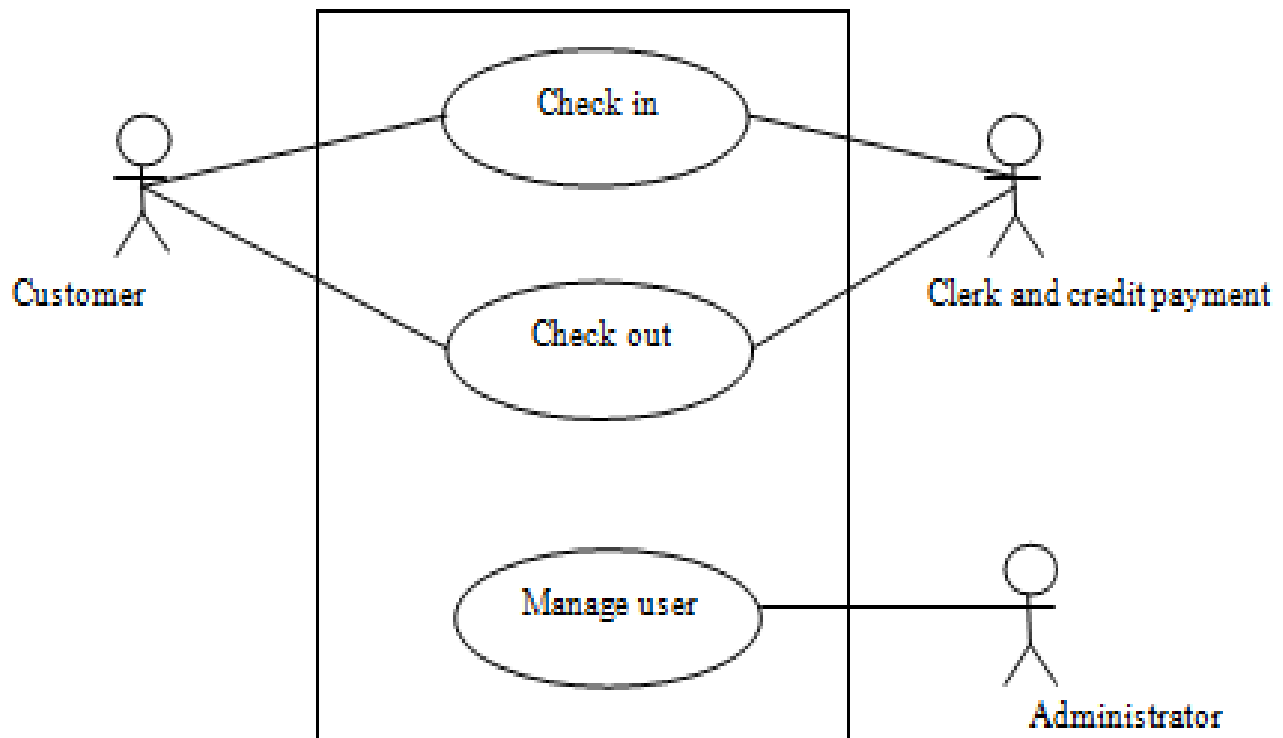

Figure 3.1 Use case diagram of the current system

3.2.2THE BENEFITS OF THE CURRENT SYSTEM

a)   No training costs are needed, as the current system is very easy to use and doesn't need a skilled employee.

b)   There is low set up costs. The shelves and the cabinets all together don't cost more than a few Kenya shillings.

c)   There are also no indirect costs. Ex. electricity bills

d)   The system is still organized a bit.

e)   The current system is easier to use and understand as it mainly depend on customer's physical appearance and make purchase.

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f)   The system does not require any technical assistance as could be the case in a computerized system.

g)   The current system though slow does not experience several security challenges such as cyber terrorism.

3.2.4 DRAWBACKS OF THE CURRENT SYSTEM

- There are no comprehensive statements given mostly when users communicate through phone calls. More often information is not captured properly and gets lost or misplaced bringing total confusion on purchase of products.

- Difficulty in keeping track of record and also retrieval of records is tedious and cumbersome since it requires physically scanning through all documents and files to retrieve information.

- Clients/customers can only be served during working hours, in cases where clients/customers arrive late the shop is closed.

- There are many prolonged call waiting times while transacting business. This is time wasting hence expensive.

3.3 REQUIREMENTS OF PROPOSED SYSTEM

The requirements of the proposed system details both are functional, non functional and data requirements.

The system specification deals with the necessary system requirements during the construction of the application with regards to the components of a system: hardware, software and operating system requirements.

3.3.1   FUNCTIONAL REQUIREMENTS

The identified functional requirements are as follows:

- Ability to register and login into the remote online shopping system.

- Avail information about products available payment methods offered by the system.

- Ability to shop and buy products and pay online through the online shopping system.

- Customers should be able to change their personal profiles through the system.

- The system should be able to validate data inputs and alert the user in case of any input errors.

- Have a login system for administrative users of the online shopping system. This will be done by having a PHP script that checks the session of the user when accessing the back-end. The user will not be able to view any of the management area without being logged in. They will also be redirected to a login page.

- Web navigation tools used to capture clients'/ customers enquiries and business requests online in real time.

- Data mining tools will ensure relevant records and documents are saved in a database.
- Transaction processing tool shall be used to generate reports that arise from the day to day transactions.

- The website also provides support to the users through error messages and links to other information of interest concerning attractive sites in Kenya.

- A content management system that will be used to manage and update the website in real time.

3.3.2. NON FUNCTIONAL REQUIREMENT

The identified non- functional requirements are as follows:

- ✓ **Usability:** Usability will focus on three characteristics i.e. speed, accuracy and satisfaction. To achieve this, all web contents will be organized into categories, Articles, modules and scripts. Categories will ensure consistency in those aspects such as menu options, titles, and page sections appear in the same place. Articles shall ensure all text content appear in the same place.

- ✓ **Portability:** The proposed system shall be designed using HTML, & PHP standard web programming languages that are accessible across different platforms. Moreover the system will be accessible globally through the internet.

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- ✓ **Performance:** The content management system designed to perform all required tasks. Well designed display screens will be created to allow contents to be edited or updated as necessary. To ensure efficiency, the system designed to incorporate fast response times, efficient input, output, storage of data and efficient backup. For ease of use, help menus included, adequate feedback and content previews. Technical support shall be availed online through newsletters, email and downloadable website product updates.
- ✓ **Modifiable:** The system shall be modular in structure to ensure that changes made to a particular module do not affect the entire system. It shall be possible to plug in other modules as the system grows in functionality.
- ✓ **Easily understood:** There will be minimal training since the webpage is hosted on the World Wide Web designed with simple graphical user interfaces.
- ✓ **Legal requirements**: The system shall comply with all legal requirements as stated by the government law and ensure that the rules that govern patent and copyrights are adhered to.

3.3.2 HARDWARE REQUIREMENT

Intel Atom processor at 2 GHZ or faster, minimum of 20GB available disk space for installation, minimum of 2 GB memory, USB port and DVD-ROM drive.

3.3.3 SOFTWARE REQUIREMENT

Software tools used to develop the web application

Software: WordPress, Adobe Photoshop CS5, Notepad++

Language: PHP, JavaScript.

Web Server: MySQL (WAMP, XAMPP)

Database: SQL Server.

The system was developed in PHP for the web, and the database is based on MySQL Server.

The web for the computer and mobile shared a common database.

3.4 USE CASE DIAGRAM FOR THE PROPOSED SYSTEM.

Web Customer <u>actor</u> uses the system to make purchases online. Top level <u>use cases</u> are View Items**,** Make Purchase and Client Register**.** View Items use case could be used by customer as top level use case if customer only wants to find and see some products.

Figure 3.2 Detailed use case of the web customer.
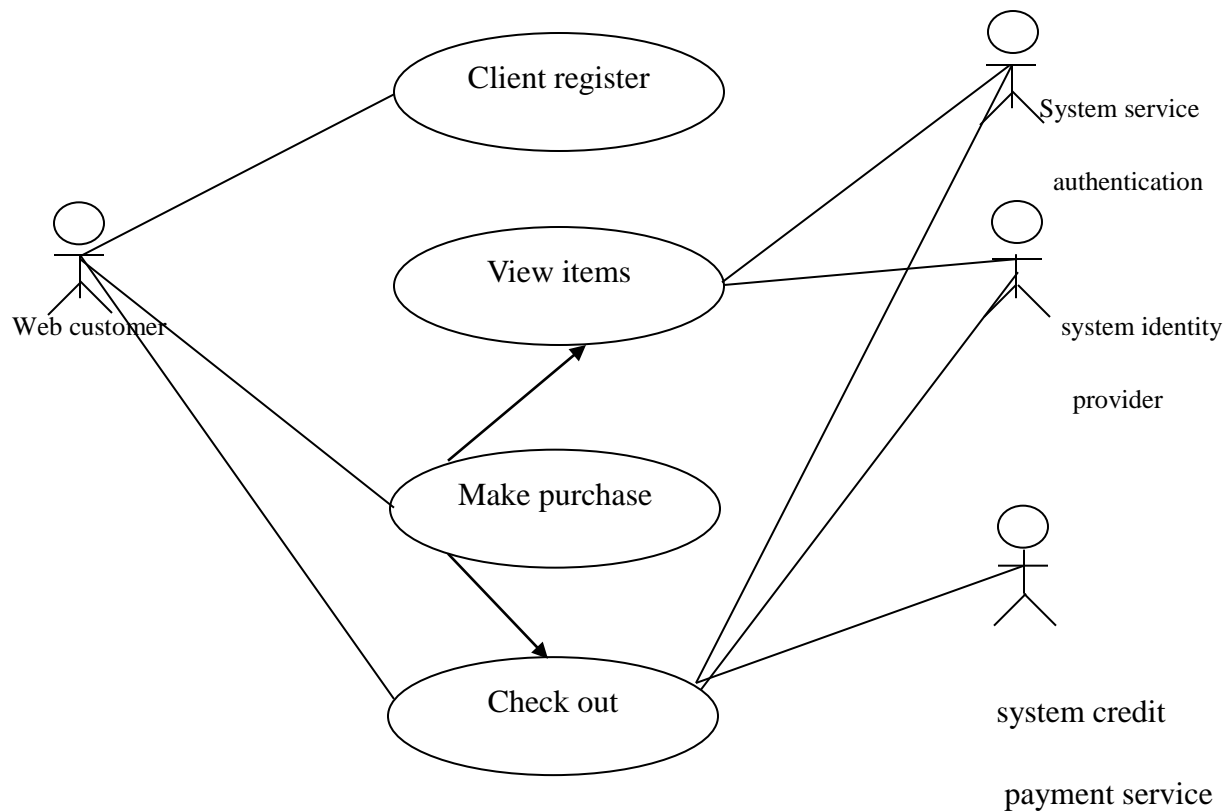
View Items use case is extended by several optional use cases - customer may search for items, browse catalogue, view items recommended for him/her, add items to shopping cart or wish list. All these use cases are extending use cases because they provide some optional functions allowing customer to find item.

Figure 3.3 Detailed use case of View Items.
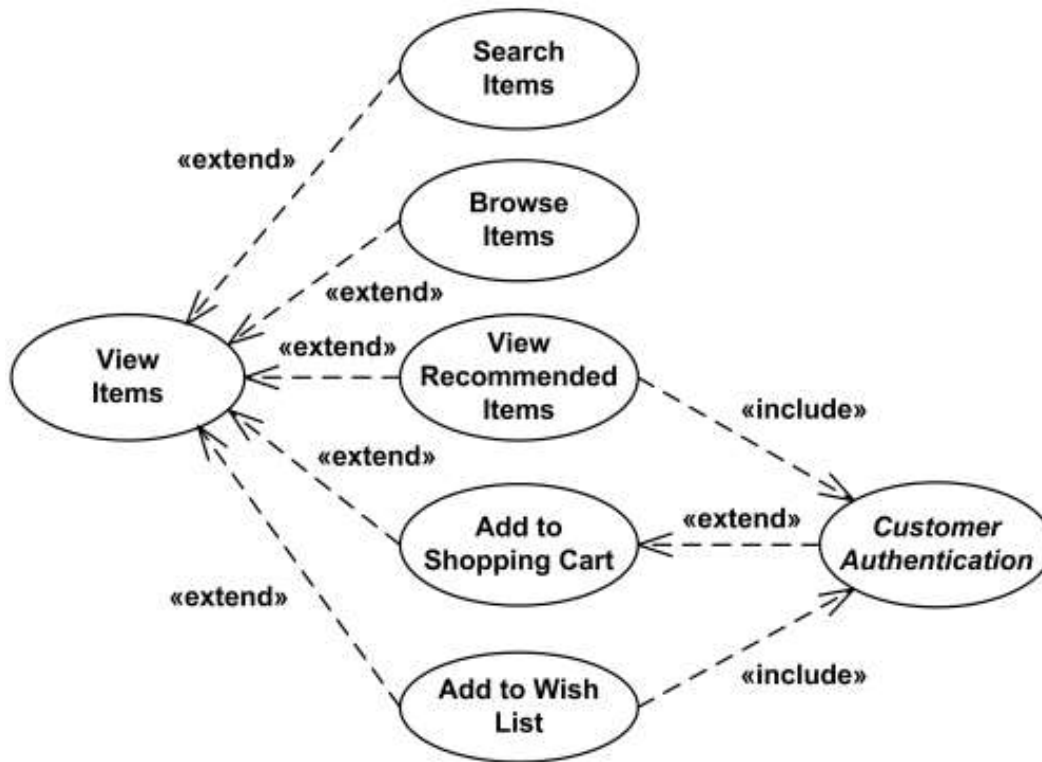
Checkout use case includes several required uses cases. Web customer should be authenticated. It could be done through user login page, user authentication cookie ("Remember me") or Single Sign-On (SSO). Web site authentication service is used in all these use cases, while SSO also requires participation of external identity provider.

Checkout use case also includes **Payment** use case which could be done either by using credit card and external credit payment service or with PayPal.

Figure 3.4 Detailed use case of Checkout
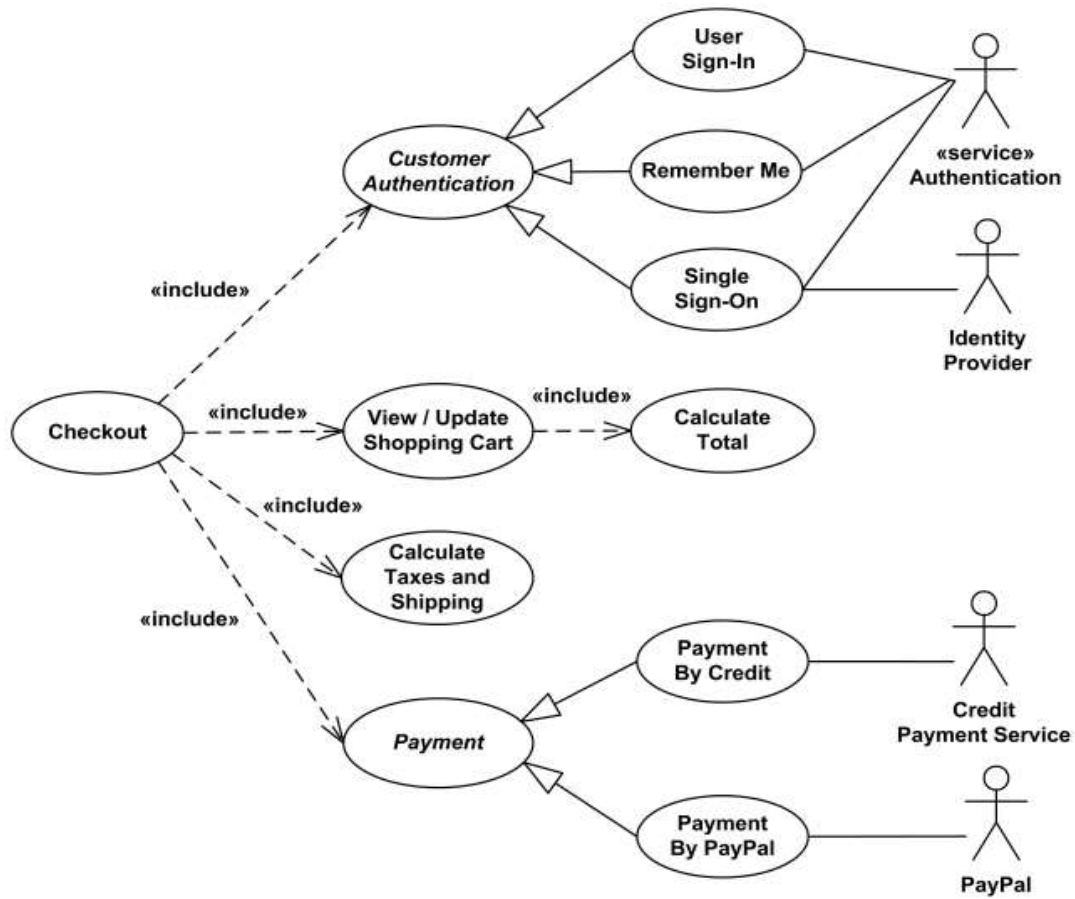
3.4.1 Conceptual Class Diagram.

The conceptual class diagram aids in the identification of the initial entities which will aid in the construction of the detailed class diagram.

3.4.2 Detailed class diagram.

Web customer
Login_id: String {id}
Password: String
State: User state
Address: Address
Phone: phone
Email: String

Payment
Product id: String {id}
Product name: String
Paid: Date
Total: Real
Details: String

Administrator
Id: String {id}
Billing_Address: Address
Is_closed: Boolean
Open: date
Closed: date
Shopping cart created: date

Order
Number: String {id}
Ordered: date
Shipped: date
Ship_to: Address
Status: order status
Total: real
Lineitem quantity: integer
Lineitem price: price

Class diagrams are visual representations of the static structure and composition of a particular system using the conventions set by the Unified Modeling Language (UML). Out of all the UML diagram types it is one of the most used ones. System designers use class diagrams as a way of simplifying how objects in a system interact with each other. Using class diagrams, it is easier to describe all the classes, packages, and interfaces that constitute a system and how these components are interrelated. For example, a simple class diagram may be used to show how an organization such as a convenient store chain is set up. On the other hand, precisely detailed class diagrams can readily be used as the primary reference for translating the designed system into a programming code.

3.4.2 Sequence Diagram.

The sequence diagrams shows how the objects in the system interconnect with each other. It aids in the assumption of likely methods which will be used in the construction phase.
Some major sequence diagrams

Figure 3.5 Detailed Sequence Diagram for registration
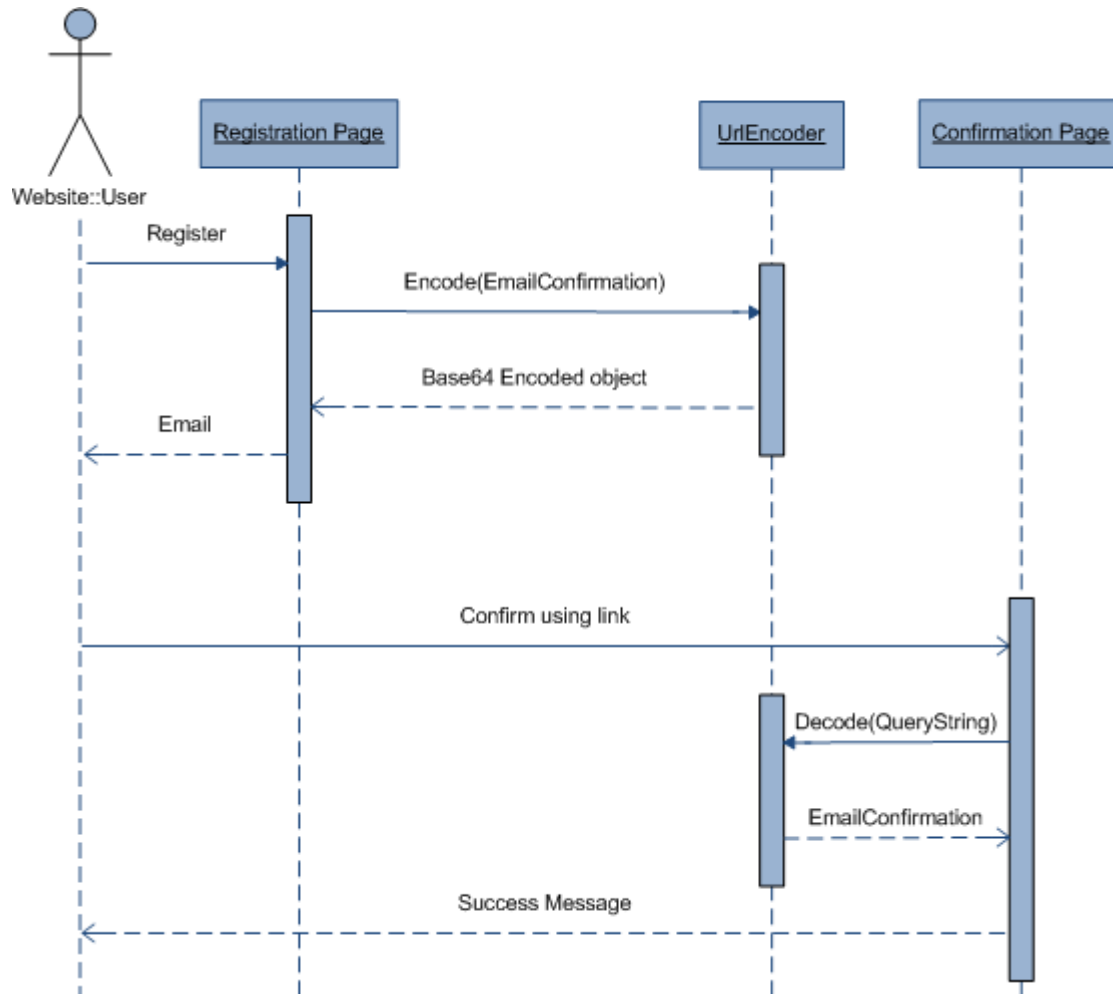
A sequence diagram shows object interactions arranged in time sequence. It depicts the objects and classes involved in the scenario and the sequence of messages exchanged between the objects needed to carry out the functionality of the scenario. Sequence diagrams typically are associated with use case realizations in the Logical View of the system under development.

3.5   System Architecture

The system is designed to be implemented on three-tier architecture.

ARCHITECTURAL CONTEXT DIAGRAM
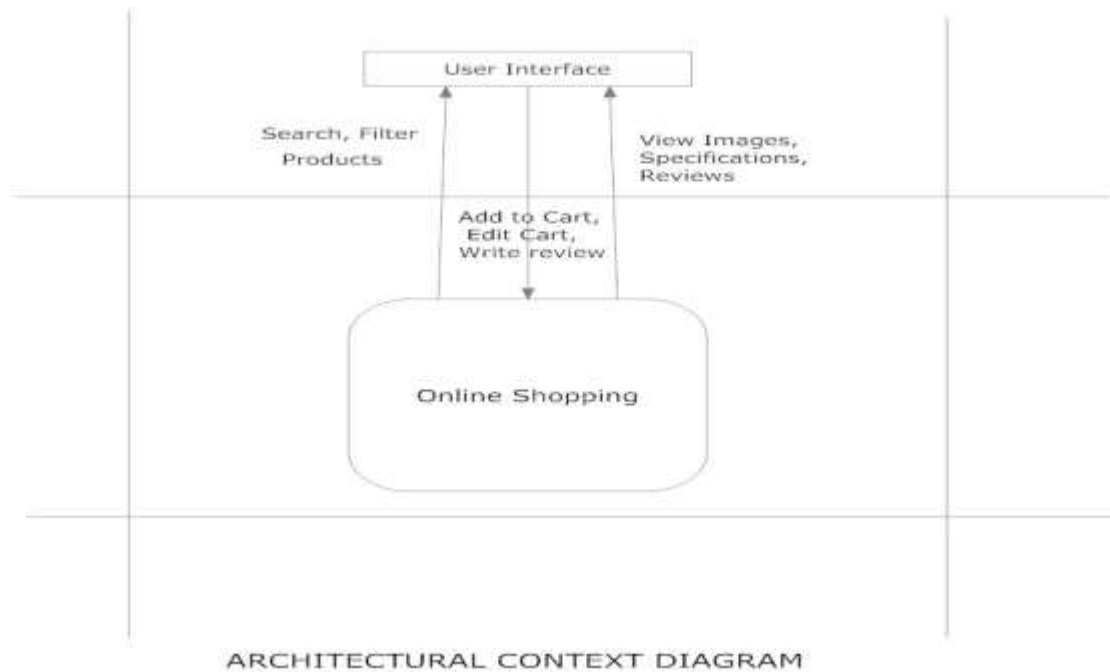
Figure 3.7 Architectural Context Diagram

3.5.1 Architectural Context Diagram

An architecture description is a formal description and representation of a system, organized in a way that supports reasoning about the structure of the system which comprises system components, the externally visible properties of those components, the relationships (e.g. the behavior) between them, and provides a plan from which products can be procured, and systems developed, that will work together to implement the overall system.

System Components

System Components display the state in which the flow of data/ resources goes in the entire system. A customer can use the mobile phone to access products on the site or the computer too.
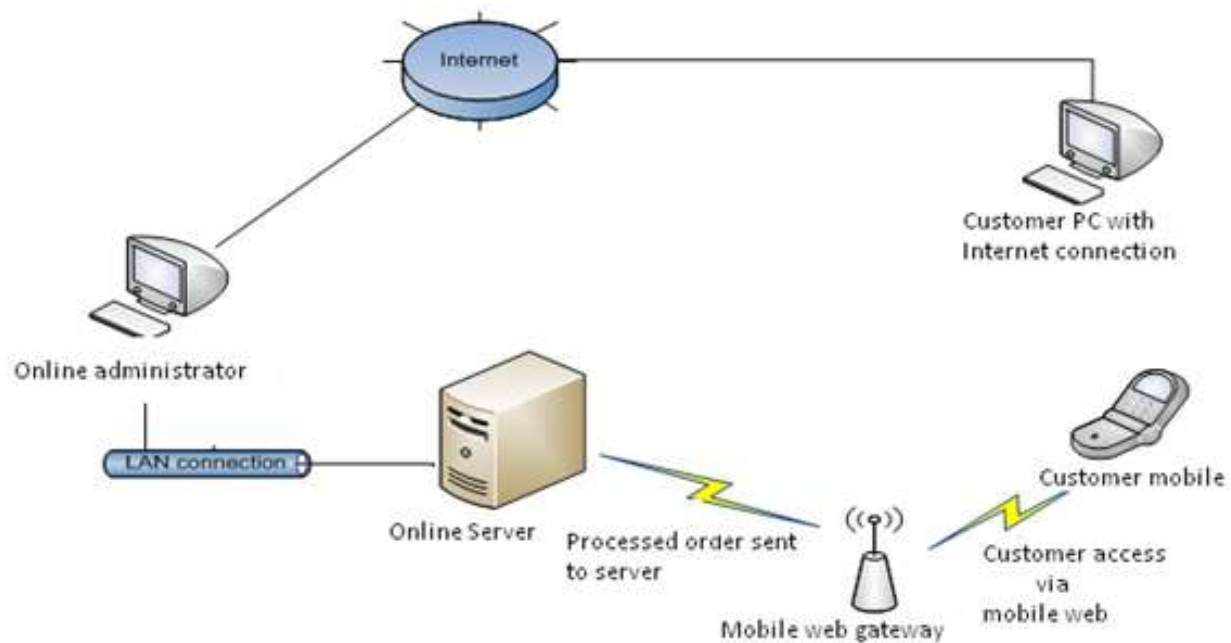
Figure 3.8 Logical Illustration representing a System Components

3.6 SYSTEM DESIGN

3.6.1 DESIGN COMPONENT

a) DATABASE DESIGN

A data model is a conceptual representation of the data structures that are required by a database. The first step in designing a database is to develop an Entity-Relation Diagram (ERD). The ERD serves as a blue print from which a relational database maybe deduced.

Administrators

Column	Type	Null	Default
id	int(11)	No	
user_name	varchar(255)	No	
user_password	varchar(60)	No	

Customers

Column	Type	Null	Default
customers_id	int(11)	No	
customers_password	char(1)	Yes	*NULL*
customers_newsletter	varchar(60)	No	

Customers_basket

Column	Type	Null	Default
customers_basket_id	int(11)	No	
customers_id	int(11)	No	
products_id	tinytext	No	
customers_basket_quantity	int(2)	No	
final_price	decimal(15,4)	Yes	*NULL*
customers_basket_date_added	char(8)	Yes	*NULL*

Customers_info

Column	Type	Null	Default
customers_info_id	int(11)	No	
customers_info_date_of_last_logon	datetime	Yes	*NULL*
customers_info_number_of_logons	int(5)	Yes	*NULL*
customers_info_date_account_created	datetime	Yes	*NULL*
customers_info_date_account_last_modified	datetime	Yes	*NULL*
global_product_notifications	int(1)	Yes	0

Orders

Column	Type	Null	Default
orders_id	int(11)	No	
customers_id	int(11)	No	
delivery_id	varchar(255)	No	
billing_id	varchar(255)	No	

payment_method	varchar(255)	No	
cc_id	varchar(20)	Yes	*NULL*
orders_status	int(5)	No	
currency	char(3)	Yes	*NULL*
currency_value	decimal(14,6)	Yes	*NULL*

Orders_products

Column	Type	Null	Default
orders_products_id	int(11)	No	
orders_id	int(11)	No	
products_id	int(11)	No	

Orders_status

Column	Type	Null	Default
orders_status_id	int(11)	No	0
language_id	int(11)	No	1
orders_status_name	varchar(32)	No	

Orders_status_history

Column	Type	Null	Default
orders_status_history_id	int(11)	No	
orders_id	int(11)	No	
orders_status_id	int(5)	No	
date_added	Datetime	No	
customer_notified	int(1)	Yes	0
comments	Text	Yes	*NULL*

Products

Column	Type	Null	Default
products_id	int(11)	No	
manufacturers_id	int(11)	Yes	*NULL*
products_ordered	int(11)	No	0

3.6.4 PROGRAM DESIGN

Before implementing the actual design of the project, a few forms of the user interface designs were constructed to visualize the user interaction with the system as they browse for products and purchase the ticket.

Program description tools used for the development of this system is a flow chart as a graphical or symbolic representation of a process. Each step in the process is represented by a different symbol and contains a short description of the process step.

Program Design consists of the steps a programmer should do before they start coding the program in a specific language. These steps when properly documented will make the completed program easier for other programmers to maintain in the future.

Database Design must contain database tables indicating Primary Keys and Foreign Keys respectively.

```
                              ┌─────────┐
                              │  start  │
                              └────┬────┘
                                   │
                                   ▼
  ┌──────────────────────────┐  ┌──────────────────┐
  │                          │  │ User login       │        ┌──────────────┐
  │                          │─▶│ Information       │───────▶│   View ads   │
  │                          │  │ Administration    │        └──────────────┘
  │                          │  │ About us          │
  │                          │  └──────────────────┘
  │    ┌──────────────┐                │
  │    │ Viewing ads  │       ┌──────────────┐    ┌──────────────┐
  │    └──────┬───────┘       │  Developers  │    │   Password   │
  │           │               └──────────────┘    └──────────────┘
  │    ┌──────────────┐
  │    │User's history│       ┌──────────────┐    ┌──────────────┐
  │    └──────┬───────┘       │ Various      │◀───│   Log on     │
  │           │               │administrator's│   └──────────────┘
  │    ┌──────────────┐       │ options      │
  │    │ User profile │       └──────────────┘
  │    └──────┬───────┘
  │           │                          ┌──────────────┐
  │    ┌──────────────┐                  │  Add voter   │
  └────│Advertising   │                  └──────────────┘
       │ panel        │
       └──────┬───────┘                  ┌──────────────────┐
              │                          │ Delete ads and user│
              │                          └──────────────────┘
              │
              │                          ┌──────────────────┐
              │                          │ Update ads and user│
              │                          └──────────────────┘
              ▼
          ┌────────┐
          │  Stop  │
          └────────┘
```
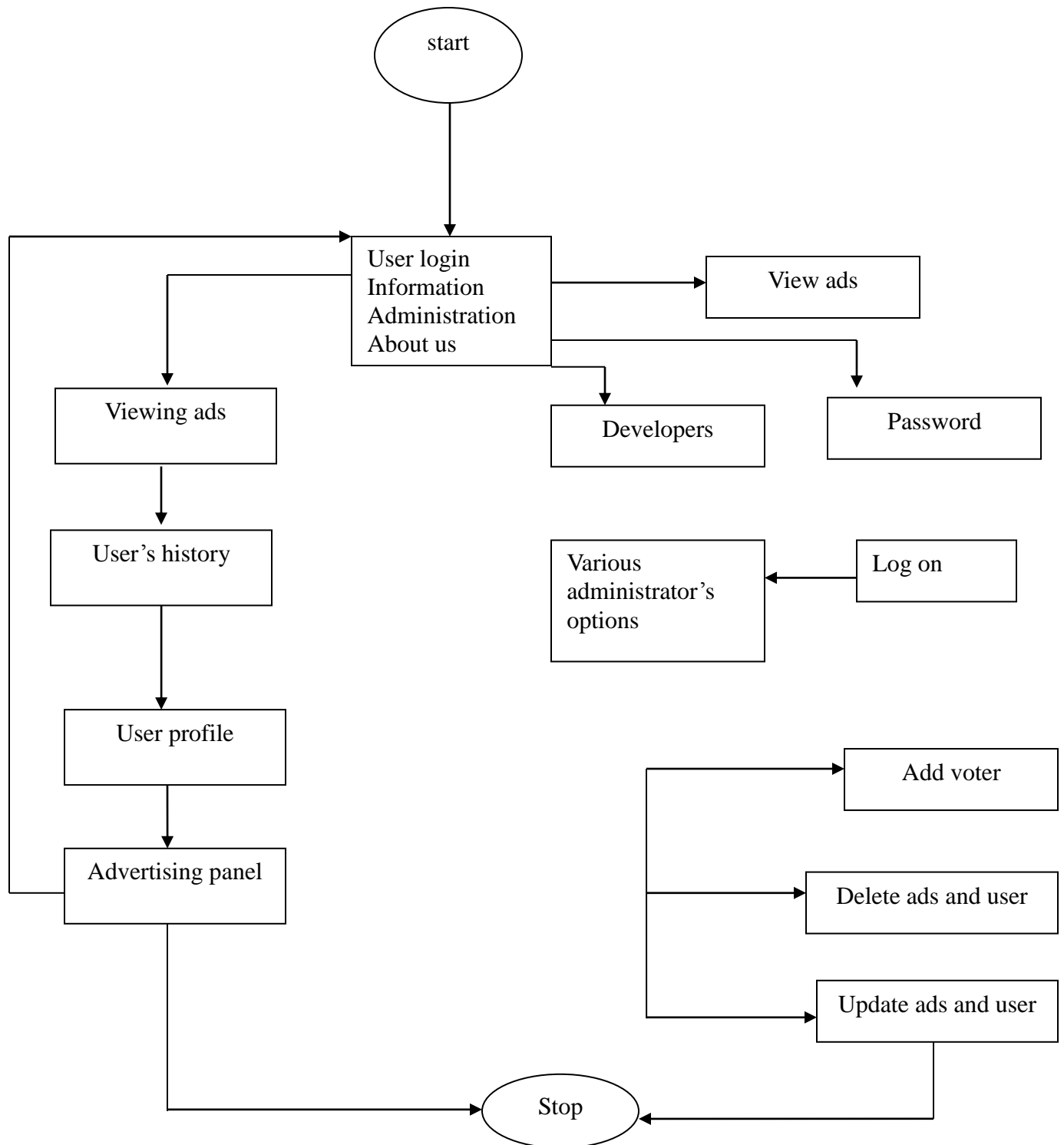
3.6.5 Entity Relation Matrix

This refers to a table that has rows and columns for each of the identified entities and aims to identify the associations and the connections between pairs of entities.

	Login	Product	Cart	User	Payment
Login					
Product			Is added/deleted	Is assigned	
Cart		Consists of		Used by	
User	Requires to		Uses		
Payment		Made for		Made by	

Figure 3.9.1 Entity Relation Diagram

3.6.6 Interface Design

Interface design deals with the process of developing a method for two (or more) modules in a system to connect and communicate. These modules can apply to hardware, software or the interface between a user and a machine.

Times when online shops were boring and unattractive are over. To attract customers' attention I tend to design online-shops according to the atmosphere it has to create. An online-store in which retro-products are offered is designed in a retro-look. And shops which are aiming to attract young customers are designed in vibrant colors and modern style. Furthermore, interactive browsing through the store, through provision of links to take the customers to other sites implemented with Flash banners and JavaScript, which attracts customers attention and the banner also advertises the product which gains on popularity as well.

THE FRONT END

The front end page has a very attractive logo of a name of overseas curios ltd on the left with several animations of different sceneries' of attractive sites drop down menus that navigates the client through the page. The title of each page is displayed at the top of each page and is also displayed in the title bar of the browser window.

The page title, is stored in a database can be reused throughout the corresponding page. This is displayed at the top of the page on the right of the logo and the title bar of the Web browser. Displaying the title on the title bar allows the user to easily distinguish between different browser windows or tabs.

The pages of the website that are visible to the public have been made so that they consist of three PHP includes. These includes are header, menu and body files that will be used by every page.

Information for the page is based on the URL which populates the title bar at the top of the browser and then displays the title of the page at the top of the Web page.

The general enquiry menu enables the client to retrieve the enquiry form where all enquiries are done. The general enquiry content is managed fully by the system. The system is able to indicate the available travel destination diaries as per the availability vehicles and travel advisor.

THE BACKEND

The back-end is the part of the online curio system that only administrative users of the overseas curios can view. User login details are stored in the 'user's' table with user ID, 'username', 'password', 'user details', and 'department'. These can be used to further process client requests and facilitation and to ensure updates are affected by the system.

The content of the pages in the front end are not just data taken from a database to populate the page. The content of a page varies from information taken from the database, to forms creating new data for the front-end of the Website. This means that the body content is customized for each page.

CHAPTER FOUR: IMPLEMENTATION AND TESTING

4.1 Introduction

The design of the database was similar to the analysis phase. The database has been developed using MySQL. The user interface of the application has been designed using php. The main controls used in the design are navigation menus and hyperlinks. The user can see the list of products that are available. The user can search for products by entering the search term into the search textbox provided on the navigation menu. This text box is watermarked with the words "Search" to let the user know that this is the place to enter the search terms.

A user can view the complete description of the product by clicking on the product link. The user can move the cursor on to the small images to view the same image in the enlarged position. A user can also write a review by clicking on the write review tab panel. Similarly a user can click on the tab panel customer reviews, specifications, manufacturer Info etc to see the respective information. The user can click on the view cart link to see the Items in the cart.

4.1.1 Sample Customer Profile page

The screen shot below shows the customer's profile page which is displayed when a member wants to logs in
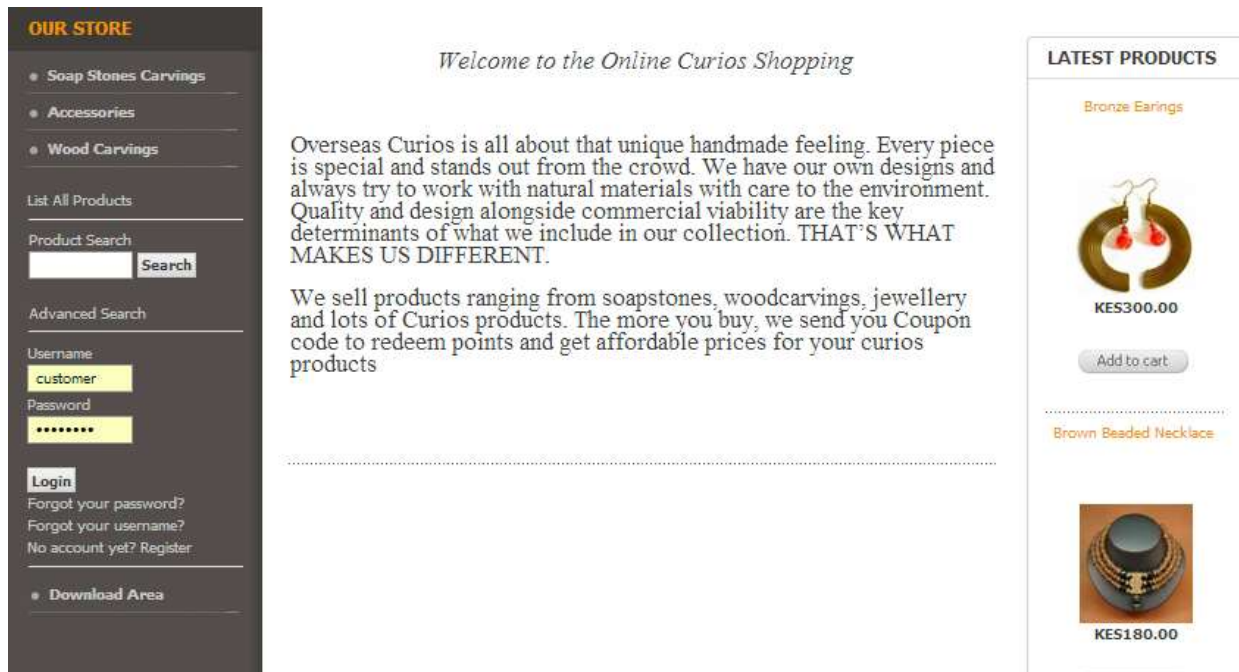
Figure 4.1 Customer Profile
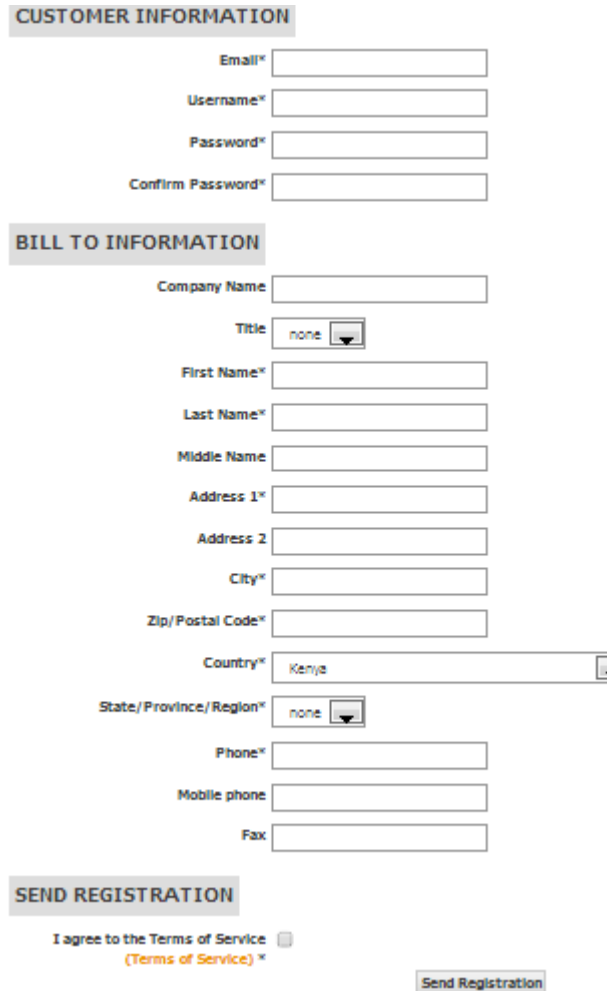
Accessing the System

Figure 4.2 Home page of the system

4.1.2 Registration Page

This page is accessed by clicking Register, the following page is shown

CUSTOMER INFORMATION

Email*

Username*

Password*

Confirm Password*

BILL TO INFORMATION

Company Name

Title | none

First Name*

Last Name*

Middle Name

Address 1*

Address 2

City*

Zip/Postal Code*

Country* | Kenya

State/Province/Region* | none

Phone*

Mobile phone

Fax

SEND REGISTRATION

I agree to the Terms of Service ☐
(Terms of Service) *

Send Registration

Figure 4.3 New Customer Registration screen

When a customer has accessed the overseas curios web page and wants to make a purchase on the available products he/she must register and agree to the terms and conditions. After filling in the registration form all the information is recorded on our database. The customer provides his/her password for securing the account.

4.1.3 Sample Customer Cart Content

The figure below shows the page for adding products into the basket

Figure 4.4 Customer Cart content

After the customer has selected the products which he/she is interested to buy they are added directly to the shopping cart.

The shopping cart display the name of the product bought, quantity and total cost including the tax payable

4.1.4 Administrator log in

Figure 4.5

4.1.5 Administrator's Control Panel

This is the administrator's control page
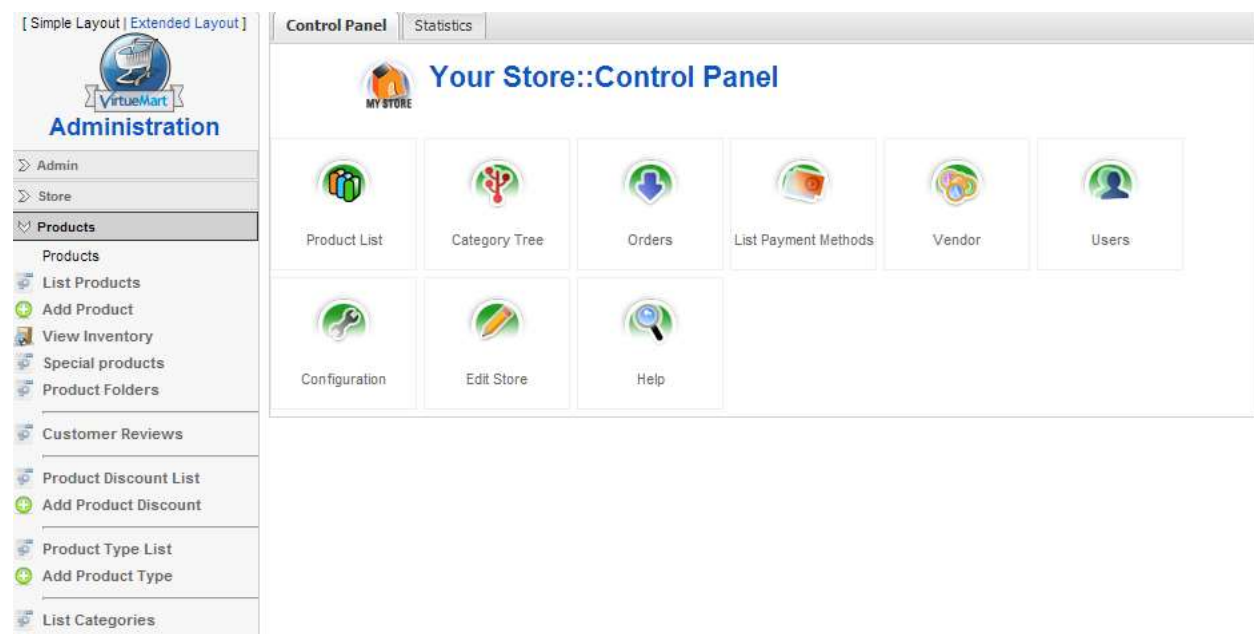
Figure 4.6 Administrators Panel.

After the administrator logs in by providing its username and password he gains access to the system where he/ she manages the database, user information products and also they can configure the website at large.

The figure above shows the control panel of the administrator's store. The control panel display lists of options such as products lists, category tree, orders list payment methods vendor user, configuration and editing the store at large

4.1.6 Administrators add new product age

This is part of the administrator's page to add new product

Figure 4.7 Admin's page to add new product

Products can be added to the store where the user can provide the name, sku no. url, category, price and provide a description of the product for the user to analyze.

Product status should be determined as provide the available stock and minimum purchase that should be made and also maximum. The administrator should also put the image of the product and update the information at the final end on the website the product will be updated.

4.1.7 Admin Order processing page

This screen shows the admin section where he can view active or pending orders.
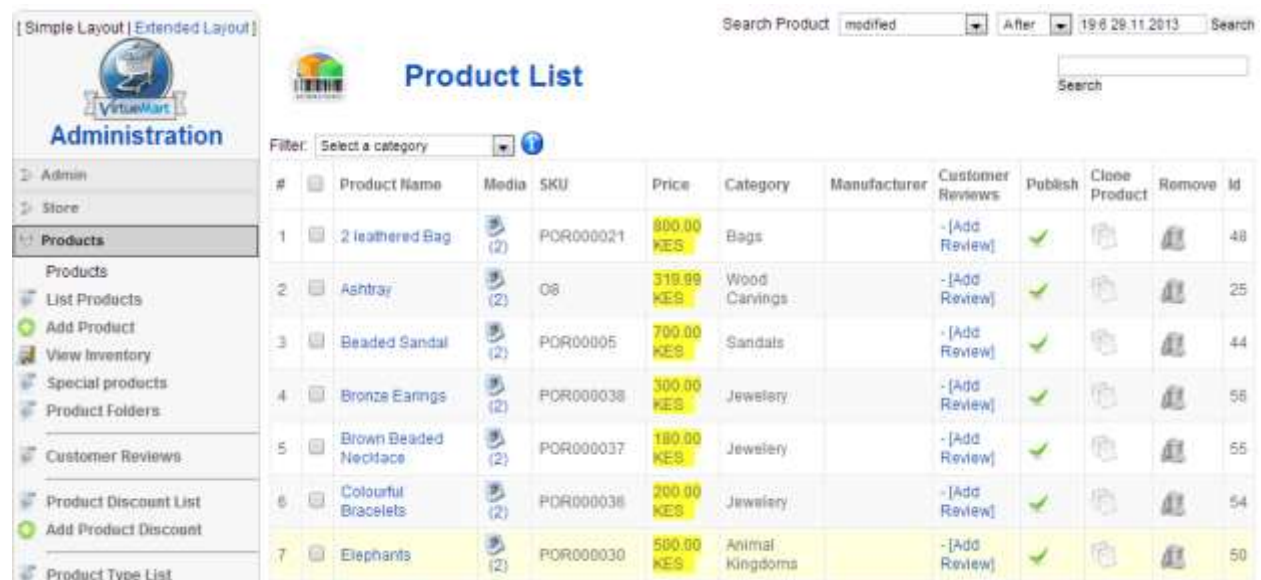
Figure 4.8 Admin order clearing page

After customers have made a purchase they are all recorded on the database whereby the administrator can now notify the order which can either be confirmed, delivered, pending or cancelled.

4.1.8 Administrator's products page

Figure 4.9 Admin's Page to manage products

4.2 Testing

Software testing is a process of running with intent of finding errors in software. Software testing assures the quality of software and represents final review of other phases of software like specification, design, code generation etc.

Testing involves actual execution of program code using representative test data sets to exercise the program and outputs are examined to detect any deviation from the expected output. The objective of testing is to find out any undiscovered errors and whether the system works as expected.

i. Unit testing

Unit testing is where individual components are tested independently to ensure they operate correctly. This will test each entity and module to ensure it functions as expected. Unit testing emphasizes the verification effort on the smallest unit of software design i.e.; a software component or module. Unit testing is a dynamic method for verification, where program is actually compiled and executed. Unit testing is performed in parallel with the coding phase. Unit testing tests units or modules not the whole software.

ii. Integration testing

In integration testing a system consisting of different modules is tested for problems arising from component interaction. Integration testing should be developed from the system specification. Firstly, a minimum configuration must be integrated and tested. This will involve combining or integrating all modules to come up with the system .it involved combining modules of user interface and database function as a whole.

iii. System testing

This will involve testing the system as whole to ensure the system delivers expected services. System testing is a level of the software testing process where a complete, integrated system/software is tested.

iv. Acceptance testing

Acceptance testing is also known as alpha testing or last testing.

In this case the system is tested with real data (from client) and not simulated test data.

Acceptance testing:

- Reveals errors and omissions in systems requirements definition.

- Test whether the system meets the users' needs or if the system performance is acceptable.

- Acceptance testing is carried out till users /clients agree it's an acceptable implementation of the system.

System Maintenance

Some of the main types of System Maintenance are:

i) Adaptive Maintenance: where improvements to the system are necessary to adapt to changing working procedures or legislation.

ii) Corrective Maintenance: where ongoing improvements are made (bug fixing) to ensure the system still meets the original user requirements.

iii) Perfective Maintenance: improving the system so that it becomes more refined and more efficient at processing.

CHAPTER FIVE: CONCLUSIONS AND RECOMMENDATIONS.

5.1 Conclusions

The system developer set out to scrutinize the business processes at Overseas Curios in order to develop a web application available via computer browser and mobile browser.

During the development, the following challenges were encountered:

1. **Acquisition of some essential codes** – the developer of the system had some difficulties in getting the correct code especially for the payment module which was bulky to implement due to the strict business rules set up the market and the few payment options available in Kenya.

2. **Compliance of the project schedule** – the developer had numerous difficulties in sticking to the project schedule due to the many demands of other courses, Continuous Assessment Tests (CATs), and final examinations. There was thus a need to have a balancing act of the Information Systems Project with the other courses.

3. **Continuous review** – the developer had to review numerous project bounds before settling on the most suitable. This was a continuous exercise throughout the project and it required a lot of time and keenness.

4. **Numerous Available architectures** – The developer had to test the system on the most popular browsers both on mobile and computer.

5.2 Lessons learnt

During the development of Overseas Curios Online shopping system, the system developer learnt some vital lessons which include:

1. **The significance of meeting with supervisor** – constant meeting with the supervisor aids to keep the project on track and the knowledge gained from the supervisor is immense and it transcends beyond the project.

2. **Proper Prior Project Planning Prevents Poor Performance** – the 7P's of project planning make sense now.

To conclude, the undertaking the system project was an interesting but a challenging venture. From the evaluation of the system, the following were some of the critical points to which the developer noted from the system:

- The shipping module requires much improvement to cater for the different modes of delivery.

- The mobile payment options should be improved to cater different subscribers i.e we have mpesa on hand, yucash and airtel money to be intergrated in the system.

Note: All the recommendations from the evaluation results were possible but due to the challenges stated above, especially the limitation of time, it was impossible to implement. The developer opted to improve on the project when the system is implemented.

5.3 Recommendations

Following the system developer's know-how in undertaking the system project, the developer would like to recommend to the Faculty the following:

- The Faculty of Information Technology should have the system project be started on the third year first semester.

- The Faculty should set aside part of the fees to support students undertaking projects in Third Year because of the money used in logistics such as massive printing.

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APPENDICES

OVERSEAS CURIOS QUESTIONNAIRE

1. Gender (please tick on the appropriate)

Male [　　] Female [　　]

2. How old are you?

13-17 [　　] 18-24 [　　]

25-33 [　　] 34-44 [　　]

45-55 [　　] 56+ [　　]

3. Are you familiar with purchasing products online?

Yes [　　] No [　　]

4. How often have you make purchase online?

All the time [　　] Sometimes [　　] Rarely [　　] Never [　　]

5. Are you aware of our different products?

Yes [　　] No [　　]

6. If yes comment on the quality of our product

_____

_____

CODE VIEW

1.1 Sample code Home page of the system

```
<div id="ja-headerwrap" class="clearfix">

<div id="ja-header">

        <h1    class="logo"><a    href="/Joomlavirtuemart/Joomlavirtuemart/index.php">Online
Overseas Curios LTD</a></h1>


                <div id="ja-vm-cart">

                        <div class="moduletable">

                                <h3> Your Shopping Cart</h3>

                                <div class="vmCartModule">

   <div style="margin: 0 auto;">

                <br/><br style="clear:both" /><div align="left">

                <a
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?page=shop.cart&amp;option=com_virtuem
art&amp;Itemid=64" title="Show Cart">Show Cart</a>    </div>        <br />

    Your Cart is currently empty.    </div>

    <hr style="clear: both;" />

<div style="float: left;" >

 &nbsp&nbsp&nbsp

</div>

<br />

<div style="float:center ;">

</div>

</div>            </div>

</div>


</div>

</div>
```

```
<!-- END: HEADER -->
<!-- BEGIN: MAIN NAVIGATION -->
<div id="ja-mainnavwrap">
        <div id="ja-mainnav" class="clearfix">
         <ul id="ja-cssmenu" class="clearfix">
<liclass="active"><a
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?option=com_content&amp;view=article&a
mp;id=18&amp;Itemid=79"          class="active       first-item"          id="menu79"
title="Home"><span>Home</span></a></li>
<li                                                        class="havechild"><a
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?option=com_content&amp;view=article&a
mp;id=54&amp;Itemid=73"          id="menu73"       title="About       Us"><span>About
Us</span></a><ul><li                                                        ><a
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?option=com_content&amp;view=article&a
mp;id=57&amp;Itemid=75"  class="first-item"  id="menu75"  title="Our  Mission"><span>Our
Mission</span></a></li>
<li                                                                        ><a
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?option=com_content&amp;view=article&a
mp;id=58&amp;Itemid=74"          id="menu74"       title="Our       Vision"><span>Our
Vision</span></a></li>
<li                                                                        ><a
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?option=com_content&amp;view=article&a
mp;id=27&amp;Itemid=76"  class="last-item"  id="menu76"  title="Our  Objectives"><span>Our
Objectives</span></a></li>
</ul></li>
<li                                                        class="havechild"><a
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?option=com_virtuemart&amp;Itemid=64"
id="menu64"              title="Products"><span>Products</span></a><ul><li              ><a
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?option=com_virtuemart&amp;Itemid=80"
class="first-item"   id="menu80"   title="Soap   Stones   Carvings"><span>Soap   Stones
Carvings</span></a></li>
```

```html
<li                                                     class="havesubchild"><a
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?option=com_virtuemart&amp;Itemid=81"
id="menu81"                     title="Accessories"><span>Accessories</span></a><ul><li
class="havesubchild"><a
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?option=com_content&amp;view=article&a
mp;id=19&amp;Itemid=84"               class="first-item"               id="menu84"
title="Bags"><span>Bags</span></a><ul><li                                     ><a
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?option=com_content&amp;view=article&a
mp;id=22&amp;Itemid=85"               class="first-item"               id="menu85"
title="Wallets"><span>Wallets</span></a></li>
</ul></li>
</ul></li>
<li                                                                          ><a
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?option=com_virtuemart&amp;Itemid=82"
class="last-item" id="menu82" title="Wood Carvings"><span>Wood Carvings</span></a></li>
</ul></li>
<li                                                     class="havechild"><a
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?option=com_content&amp;view=article&a
mp;id=52&amp;Itemid=67"        id="menu67"    title="News    &    Events"><span>News    &
Events</span></a><ul><li                                                      ><a
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?option=com_search&amp;Itemid=5"
class="first-item" id="menu5" title="Search"><span>Search</span></a></li>
<li                                                                          ><a
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?option=com_newsfeeds&amp;view=catego
ries&amp;Itemid=7"  id="menu7" title="News Feeds"><span>News Feeds</span></a></li>
<li                                                                          ><a
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?option=com_content&amp;view=category
&amp;id=7&amp;Itemid=25"                 class="last-item"                 id="menu25"
title="FAQs"><span>FAQs</span></a></li>
</ul></li>
```

```html
<li                                                                          ><a
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?option=com_contact&amp;view=contact&
amp;id=1&amp;Itemid=83" class="last-item" id="menu83" title="Contact Us"><span>Contact
Us</span></a></li>
</ul>  </div>
</div>


<!-- END: MAIN NAVIGATION -->


<!-- BEGIN: JA SLIDER -->
<div id="ja-sliderwrap" class="clearfix">
   <div id="RSSimpSlideModule_55"><p>In order to view this object you need Flash Player 9+
support!</p><a                          href="http://www.adobe.com/go/getflashplayer"><img
src="http://www.adobe.com/images/shared/download_buttons/get_flash_player.gif"        alt="Get
Adobe   Flash   player"/></a><p>Powered   by   <a   href="http://www.rswebsols.com"
target="_blank">RS Web Solutions</a></p></div>
</div>
<!-- END: JA SLIDER -->


<!-- BEGIN: PATHWAY -->
<div id="ja-pathwaywrap" class="clearfix">


            <div id="ja-searchwrap">
      <div id="ja-search">
       <form action="index.php" method="post">
      <div class="search">
             <input   name="searchword"   id="mod_search_searchword"   maxlength="20"
alt="Search" class="inputbox" type="text" size="20" value="search..." onblur="if(this.value=='')
this.value='search...';" onfocus="if(this.value=='search...') this.value='';" /></div>
      <input type="hidden" name="task"   value="search" />
      <input type="hidden" name="option" value="com_search" />
```

```
<input type="hidden" name="Itemid" value="79" />
</form>
    </div>
    </div>


    <div id="ja-pathway">
            <strong>You are here:</strong> <span class="breadcrumbs pathway">
Home</span>



        <div id="ja-usertools">



                    <span class="ja-usertools-font">
                    <a><img    style="cursor:    pointer;"    title="Decrease    font    size"
src="http://localhost/Joomlavirtuemart/Joomlavirtuemart/templates/ja_larix/images/user-
decrease.png"         alt="Decrease         font         size"         id="ja-tool-decrease"
onclick="switchFontSize('ja_larix_ja_font','dec'); return false;" /></a> 
                <a><img        style="cursor:        pointer;"        title="Default        font        size"
src="http://localhost/Joomlavirtuemart/Joomlavirtuemart/templates/ja_larix/images/user-
reset.png" alt="Default font size" id="ja-tool-reset" onclick="switchFontSize('ja_larix_ja_font',3);
return false;" /></a> 
                    <a><img        style="cursor:        pointer;"        title="Increase        font        size"
src="http://localhost/Joomlavirtuemart/Joomlavirtuemart/templates/ja_larix/images/user-
increase.png"         alt="Increase         font         size"         id="ja-tool-increase"
onclick="switchFontSize('ja_larix_ja_font','inc'); return false;" /></a> 
                    </span>
                    <script type="text/javascript">var CurrentFontSize=parseInt('3');</script>
                    </div>


        </div>
```

```
</div>
<!-- BEGIN: PATHWAY -->

<div id="ja-containerwrap">
        <div id="ja-container" class="clearfix">


                <div id="ja-mainbody">
                <div id="ja-mainbody-inner" class="clearfix">


                <!-- BEGIN: CONTENT -->
                <div id="ja-contentwrap">
                <div id="ja-content">


<table class="contentpaneopen">
<tr>
<td valign="top">
<p style="text-align: center;"><span style="font-family: 'times new roman', times; font-size:
14pt;"><em>Welcome to the Online Curios Shopping</em></span></p>
<p> </p>
<p><span style="font-size: 14pt; font-family: 'times new roman', times;">Overseas Curios is all
about that unique handmade feeling. Every piece is special and stands out from the crowd. We
have our own designs and always try to work with natural materials with care to the environment.
Quality and design alongside commercial viability are the key determinants of what we include in
our collection. THAT'S WHAT MAKES US DIFFERENT.</span></p>
<p><span style="font-size: 14pt; font-family: 'times new roman', times;">We sell products
ranging from soapstones, woodcarvings, jewellery and lots of Curios products. The more you buy,
we send you Coupon code to redeem points and get affordable prices for your curios
products</span></p>
<p> </p>
</div>
```

```

                    </div>

                    <!-- END: CONTENT -->


                        <!-- BEGIN: RIGHT COLUMN -->

                                <h3>Latest Products</h3>

                                            <table
border="0" cellpadding="0" cellspacing="0" width="100%">
                            <tr align="center" class="sectiontableentry1">
                        <td>
<!-- The product name DIV. -->
 <div style="height:77px; float:left; width: 100%;line-height:14px;">
<a                              title="Bronze                              Earings"
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?page=shop.product_details&amp;category
_id=16&amp;flypage=flypage.tpl&amp;product_id=56&amp;option=com_virtuemart&amp;Itemi
d=64">Bronze Earings</a>
<br />
</div>
<!-- The product image DIV. -->
<div style="height:90px;width: 100%;float:left;margin-top:-15px;">
<a                              title="Bronze                              Earings"
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?page=shop.product_details&amp;category
_id=16&amp;flypage=flypage.tpl&amp;product_id=56&amp;option=com_virtuemart&amp;Itemi
d=64">
<imgsrc="http://localhost/Joomlavirtuemart/components/com_virtuemart/shop_image/product/res
ized/Bronze_Earings_52963111d5e29_90x90.jpg"    height="100"    width="100"    alt="Bronze
Earings" border="0" /></a>
</div>


<!-- The product price DIV. -->
<div     style="width:     100%;float:left;text-align:center;">     <span     class="productPrice">
KES300.00</span>
```

```html
</div><!-- The add to cart DIV. -->
<div style="float:left;text-align:center;width: 100%;">
        <br />
        <form         action="http://localhost/Joomlavirtuemart/index.php"         method="post"
name="addtocart" id="addtocart">
  <input type="submit" class="addtocart_button_module" value="Add to Cart" title="Add to
Cart" />
  </form>
        <br />
<!-- The product name DIV. -->
 <div style="height:77px; float:left; width: 100%;line-height:14px;">
<a                     title="Brown                     Beaded                     Necklace"
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?page=shop.product_details&amp;category
_id=16&amp;flypage=flypage.tpl&amp;product_id=55&amp;option=com_virtuemart&amp;Itemi
d=64">Brown Beaded Necklace</a>
<br />
</div>


<!-- The product image DIV. -->
<div style="height:90px;width: 100%;float:left;margin-top:-15px;">
<a                     title="Brown                     Beaded                     Necklace"
href="/Joomlavirtuemart/Joomlavirtuemart/index.php?page=shop.product_details&amp;category
_id=16&amp;flypage=flypage.tpl&amp;product_id=55&amp;option=com_virtuemart&amp;Itemi
d=64">
        <img
src="http://localhost/Joomlavirtuemart/components/com_virtuemart/shop_image/product/resized/
Brown_Beaded_Nec_5296303e58586_90x90.jpg"    height="100"    width="100"    alt="Brown
Beaded Necklace" border="0" /></a>
</div>


<!-- The product price DIV. -->
```

```html
<div style="width: 100%;float:left;text-align:center;">
        <span class="productPrice">
                KES180.00</span></div>
<!-- The add to cart DIV. -->
<div style="float:left;text-align:center;width: 100%;">
        <br />
        <form         action="http://localhost/Joomlavirtuemart/index.php"        method="post"
name="addtocart" id="addtocart">
   <input type="hidden" name="option" value="com_virtuemart" />
   <input type="hidden" name="page" value="shop.cart" />
   <input type="hidden" name="Itemid" value="64" />
   <input type="hidden" name="func" value="cartAdd" />
   <input type="hidden" name="prod_id" value="55" />
   <input type="hidden" name="product_id" value="55" />
   <input type="hidden" name="quantity" value="1" />
   <input type="hidden" name="set_price[]" value="" />
   <input type="hidden" name="adjust_price[]" value="" />
   <input type="hidden" name="master_product[]" value="" />
   <input type="submit" class="addtocart_button_module" value="Add to Cart" title="Add to
Cart" />
   </form>
        <br />

</div>
<br /></td>
</tr></table></div></div>
</div>
                </div><br />
                <!-- END: RIGHT COLUMN -->
```

1.2 Sample code for registration.

```
<form                    action="http://localhost/VirtueMart_eCommerceBundle_Joomla/index.php"
method="post" name="adminForm">
            <div style="width:90%;"><div style="padding:5px;text-align:center;"><strong>(*
= Required)</strong></div><fieldset>
                              <legend                    class="sectiontableheader">Customer
Information</legend>
<div  id="email_div"  class="formLabel  "><label  for="email_field">Email</label><strong>*
</strong> </div>
        <div class="formField" id="email_input">
<input  type="text"  id="email_field"  name="email"  size="30"  value=""  class="inputbox"
maxlength="100">
<br></div>
                              <br          style="clear:both;"><input          type="hidden"
id="register_account"     name="register_account"     value="1"><div     id="username_div"
class="formLabel "><label for="username_field">Username</label><strong>* </strong> </div>
        <div class="formField" id="username_input">
<input type="text" id="username_field" name="username" size="30" value="" class="inputbox"
maxlength="25">
<br></div>
                              <br         style="clear:both;"><div         id="password_div"
class="formLabel "><label for="password_field">Password</label><strong>* </strong> </div>
        <div class="formField" id="password_input">
<input type="password" id="password_field" name="password" size="30" class="inputbox">
<br></div>
                              <br         style="clear:both;"><div         id="password2_div"
class="formLabel    "><label    for="password2_field">Confirm    Password</label><strong>*
</strong> </div>
        <div class="formField" id="password2_input">
<input type="password" id="password2_field" name="password2" size="30" class="inputbox">
```

```html
<br></div>
                              <br style="clear:both;"></fieldset>
<fieldset>
                              <legend          class="sectiontableheader">Bill          To
Information</legend>
<div    id="company_div"    class="formLabel    "><label    for="company_field">Company
Name</label> </div>
                      <br    style="clear:both;"><div    id="last_name_div"    class="formLabel
"><label for="last_name_field">Last Name</label><strong>* </strong> </div>
          <div class="formField" id="last_name_input">
<input type="text" id="last_name_field" name="last_name" size="30" value="" class="inputbox"
maxlength="32">
<br></div>
                              <br       style="clear:both;"><div       id="middle_name_div"
class="formLabel "><label for="middle_name_field">Middle Name</label> </div>
          <div class="formField" id="middle_name_input">
<input   type="text"   id="middle_name_field"   name="middle_name"   size="30"   value=""
class="inputbox" maxlength="32">
<br></div>
                              <br       style="clear:both;"><div       id="address_1_div"
class="formLabel "><label for="address_1_field">Address 1</label><strong>* </strong> </div>
          <div class="formField" id="address_1_input">
<input type="text" id="address_1_field" name="address_1" size="30" value="" class="inputbox"
maxlength="64">
<br></div>
                              <br       style="clear:both;"><div       id="address_2_div"
class="formLabel "><label for="address_2_field">Address 2</label> </div>
          <div class="formField" id="address_2_input">
<input type="text" id="address_2_field" name="address_2" size="30" value="" class="inputbox"
maxlength="64">
<br></div>
```

```
                              <br          style="clear:both;"><div          id="phone_2_div"
class="formLabel "><label for="phone_2_field"> </label> </div>
            <div class="formField" id="phone_2_input">
<input type="text" id="phone_2_field" name="phone_2" size="30" value="" class="inputbox"
maxlength="32">
<br></div>
                                  <br  style="clear:both;"><div  id="fax_div"  class="formLabel
"><label for="fax_field">Fax</label> </div>
            <div class="formField" id="fax_input">
<input    type="text"    id="fax_field"    name="fax"    size="30"    value=""    class="inputbox"
maxlength="32">
<br></div>
                              <br style="clear:both;"></fieldset>
<fieldset>
                              <legend class="sectiontableheader">Send Registration</legend>
<div      id="agreed_div"      class="formLabel      "><label      for="agreed_field"><script
type="text/javascript">//<![CDATA[
                              document.write('<label for="agreed_field">I agree to the Terms of
e)</a>');
href="javascript:voidwindow.open('http://localhost/VirtueMart_eCommerceBundle_Joomla/index
2.php?option=com_virtuemart&page=shop.tos&pop=1',                              'win2',
'status=no,toolbar=no,scrollbars=yes,titlebar=no,menubar=no,resizable=yes,width=640,height=48
0,directories=no,location=no');"> (Terms of Service)</a>

<div align="center"><input type="hidden" name="remember" value="yes">
            <input type="submit" value="Send Registration" class="button" onclick="return(
submitregistration());">
      </div>
```

1.3 Sample Customer Cart Content

<div id="vmMainPage">

<h2>Cart</h2>

<!-- Cart Begins here -->

<table width="100%" cellspacing="2" cellpadding="4" border="0">

  <tbody><tr align="left" class="sectiontableheader">

    <th>Name</th>

    <th>SKU</th>

     <th>Price</th>

     <th>Quantity / Update</th>

     <th>Subtotal</th>

  </tr>

  <tr valign="top" class="sectiontableentry1">

     <td><a

href="/VirtueMart_eCommerceBundle_Joomla/index.php?page=shop.product_details&flypa

ge=flypage.tpl&product_id=33&category_id=8&option=com_virtuemart&Ite

mid=64">
</td>

     <td>-starterbook</td>

     <td align="right">$21.94</td>

 <input   type="image"   name="update"   title="Update   Quantity   In   Cart"   src="

http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes/ja_l

arix/images/update_quantity_cart.png" alt="Update" align="middle">

  </form>   <form

</tbody></table>

<--End Cart -->

   <div align="center">

  <a   href="

http://localhost/VirtueMart_eCommerceBundle_Joomla/index.php?page=checkout.index&ss

l_redirect=1&option=com_virtuemart&Itemid=64"   title="Checkout"

class="checkout_link">Checkout   </div>

1.4 Sample code in Administrator Login

```
<div id="element-box" class="login">
<div class="m"> <h1>Online Curious Administration Login</h1>
<div id="section-box"> <div class="t">
<div class="t"> <div class="t"></div></div>
        </div>
        </p> <p id="form-login-lang" style="clear: both;">
            <label for="lang">Language</label>
            <select    name="lang"    id="lang"    class="inputbox"><option    value=""
selected="selected">Default</option><option         value="en-GB">English         (United
Kingdom)</option></select> </p>
        <div class="button_holder">
        <div class="button1">
            <div class="next">
                <a onclick="login.submit();">
                    Login</a></div>
        </div> </div> <div class="clr"></div>
        <input type="submit" style="border: 0; padding: 0; margin: 0; width: 0px; height: 0px;"
value="Login">        <input type="hidden" name="option" value="com_login">
        <input type="hidden" name="task" value="login">
        <input type="hidden" name="7fdbf302b5cf7a2649bd60bab7219ae3" value="1"></form>
                    <div class="clr"></div>
                </div>
<p>Use a valid username and password to gain access to the Administrator Back-end.</p>
        <p>
<ahref="http://localhost/VirtueMart_eCommerceBundle_Joomla/">Return    to    site    Home
Page</a></p></div>
```

1.5 Sample Code Administration control panel

<div class="tab-page" id="control-panel">

<div class="header">

      <h2><img   src="

http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes/ja_l

arix/images/administration/dashboard/store.png" align="middle" alt="Desktop" border="0">

              Your Store::Control Panel</h2>

</div>

<br style="clear:both;">

      <div id="cpanel">

    <div style="float:left;"><div class="icon">

                  <a   title="Product   List"   href="

http://localhost/VirtueMart_eCommerceBundle_Joomla/administrator/index.php?pshop_mode=ad

min&page=product.product_list&option=com_virtuemart">

                       <img   src="

http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes/ja_l

arix/images/administration/dashboard/shop_products.png" alt="Product List" align="middle"

name="image" border="0">

             Product List</div></div>

             <div style="float:left;"><div class="icon">

             <a   title="Category   Tree"   href="

http://localhost/VirtueMart_eCommerceBundle_Joomla/administrator/index.php?pshop_mode=ad

min&page=product.product_category_list&option=com_virtuemart">

                       <img

src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes

/ja_larix/images/administration/dashboard/shop_categories.png"   alt="Category   Tree"

align="middle" name="image" border="0">

             Category Tree</div></div>

             <div style="float:left;"><div class="icon">

             <a   title="Orders"

href="http://localhost/VirtueMart_eCommerceBundle_Joomla/administrator/index.php?pshop_m

Users</div></div>

                                                                <div   style="float:left;"><div   class="icon">

<img src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes /ja_larix/images/administration/dashboard/shop_configuration.png"   alt="Configuration" align="middle" name="image" border="0">

Configuration</div></div>

<div style="float:left;"><div class="icon">

<img src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes /ja_larix/images/administration/dashboard/shop_mart.png"   alt="Edit   Store"   align="middle" name="image" border="0">

Edit Store</div></div>

<div style="float:left;"><div class="icon">

<img src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes /ja_larix/images/administration/dashboard/shop_help.png"   alt="Help"   align="middle" name="image" border="0">

Help</div></div></div><br style="clear:both;"> </div>

1.6 Sample code for Administrator Add New Products

```
<tbody><tr> <td valign="top"><table width="100%" border="0">                <tbody><tr>
                        <td align="left" colspan="2"><h2>Product Information</h2></td>
                </tr>
<tr class="row0"> <td width="21%"><div style="text-align:right;font-weight:bold;"
        Publish?:</div></td><td         width="79%">         <input         type="checkbox"
name="product_publish" value="Y" checked="checked"></td>
                        </tr>                                <tr class="row1">
<td width="21%"><div style="text-align:right;font-weight:bold;">SKU:</div></td>
<td width="79%"> <input type="text" class="inputbox" name="product_sku" value="" size="32"
maxlength="64"></td></tr> <tr class="row0">
                        <td         width="21%"><div         style="text-align:right;font-
weight:bold;"><td width="79%">
                        <input     type="text"     class="inputbox"     name="product_name"
value="" size="32" maxlength="255"><td width="79%">
                        <input type="text" class="inputbox" name="product_url" value=""
size="32" maxlength="255"></td></tr>                        <tr class="row0">
 <td width="21%"><div style="text-align:right;font-weight:bold;">Vendor:</div>
   </td>        <td width="79%"><input type="hidden" name="vendor_id" value="1"> </td>
 </tr></td><td  width="79%"><input  type="hidden"  name="manufacturer_id"  value="1">Please
create at least one Manufacturer!!</td>
 alt="" align="top" border="0"> </span>
                                        <input    type="hidden"    name="shopper_group_id"
value="5"><tr class="row1"> <td width="29%"><div style="text-align:right;font-weight:bold;">
                        Product Price (Gross):</div>
<td     width="71%"><input     type="text"     class="inputbox"     onkeyup="updateNet();"
name="product_price_incl_tax" size="10"></td>
                </tr>
                <tr class="row0">
                        <td width="29%"><div style="text-align:right;font-weight:bold;">
                        VAT Id:</div>
```

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```
                    </td>

                            <td width="71%">

                            <select    class="inputbox"    name="product_tax_id"    size="1"
onchange="updateGross();"                              <td              width="79%"><select
name="product_discount_id" class="inputbox" onchange="updateDiscountedPrice();">
<option id="*1" value="0">0 (-none-)</option>
<option id="*0.8" value="1">20.00% (2004-10-13 - 2009-11-06)</option>
<option id="-2.00" value="2">2.00USD (2004-10-24 - *)</option>
<option id="-33.77" value="3">33.77USD (* - *)</option>
<option value="override">Override</option>
</select>
Discounted     Price:</div></td><td     width="79%">    <input     type="text"     size="10"
name="discounted_price_override"                    onchange="try                    {
document.adminForm.product_discount_id[document.adminForm.product_discount_id.length-
1].selected=true; } catch( e ) {}">  

                        <span onmouseover="Tip( 'Here you can override the discount setting fill
in a special discount price for this product.&lt;br/&gt;\r\n         The Shop  will create  a  new
discount   record   from   the   discounted   price.'   ,WIDTH,   -350   ,TITLE,'Tip!'   );"
onmouseout="UnTip()"><img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/images/m_images/con_info.png"
alt="" align="top" border="0"> </span>                    </td>

</tbody>
```

1.7 Admin order processing page

<table class="adminlist" width="100%">

<tbody><tr><th class="title" width="20">#</th>

<th class="title" width="20"><input type="checkbox" name="toggle" value=""> td>customer customer</td>

<td> <img src="http://localhost/VirtueMart_eCommerceBundle_Joomla/images/M_images/printButton.png" align="center" height="16" width="16" border="0"></td>

<td>13-Dec-13 20:21</td>

<td>13-Dec-13 20:21</td>

<td><select class="inputbox" name="order_status" size="1" onchange="document.adminForm0.order_status.selectedIndex = this.selectedIndex;document.adminForm0.changed.value='1'">

<option value="P" selected="selected">Pending</option>

<option value="C">Confirmed</option>

<option value="X">Cancelled</option>

<option value="R">Refunded</option>

<option value="S">Shipped</option>

</select>

</td>

<td><input type="checkbox" class="inputbox" onclick="if(this.checked==true) {document.adminForm0.notify_customer.value = 'Y';} else {document.adminForm0.notify_customer.value = 'N';}" value="Y">Notify Customer?

<input type="button" class="button" onclick="if(document.adminForm0.changed.value!='1') { alert('Please change the Order Status

1.8 Sample code for Administrator Products Page

```html
<div id="vmMainPage">
<div class="buttons_heading">
<a
href="/VirtueMart_eCommerceBundle_Joomla/index2.php?option=com_virtuemart&amp;page=s
hop.pdf_output&amp;showpage=shop.browse&amp;pop=1&amp;output=pdf&amp;product_id=0
&amp;category_id=0&amp;pop=1"                     title="PDF"                     onclick="void
window.open('index2.php?option=com_virtuemart&amp;page=shop.pdf_output&amp;showpage
=shop.browse&amp;pop=1&amp;output=pdf&amp;product_id=0&amp;category_id=0&amp;pop
=1',                                                                                            '_blank',
'status=no,toolbar=no,scrollbars=yes,titlebar=no,menubar=no,resizable=yes,width=640,height=48
0,directories=no,location=no');return                                                          false;"><img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/templates/ja_larix/images/pdf_butto
n.png"        alt="PDF"        name="PDF"        align="middle"        border="0"></a><a
href="/VirtueMart_eCommerceBundle_Joomla/index2.php?option=com_virtuemart&amp;page=s
hop.browse&amp;only_page=1&amp;pop=1&amp;tmpl=component&amp;"        title="Print"
onclick="void
window.open('index2.php?option=com_virtuemart&amp;page=shop.browse&amp;only_page=1&
amp;pop=1&amp;tmpl=component&amp;',                                                              '_blank',
'status=no,toolbar=no,scrollbars=yes,titlebar=no,menubar=no,resizable=yes,width=640,height=48
0,directories=no,location=no');return                                                          false;"><img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/templates/ja_larix/images/printButt
on.png" alt="Print" name="Print" align="middle" border="0"></a>
</div>
<h3>Browse            <a
href="/VirtueMart_eCommerceBundle_Joomla/index.php?option=com_virtuemart&amp;page=sh
op.feed" title="Subscribe to the Feed of the latest Products!">
        <img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes
/ja_larix/images/feed-icon-14x14.png" align="middle" alt="feed" border="0"></a>
        </h3>
```

```
      <noscript>
              &lt;a
href="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_
image/product/a2138u.jpg" target="_blank"&gt;
              &lt;img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_i
mage/product/resized/        2_47c69626cf30b_90x90.gif"        height="90"        width="90"
class="browseProductImage" border="0" title="  " alt="  " /&gt;        &lt;/a&gt;
          </noscript>
      </div>


      <div class="browseRatingContainer">


<!-- The "Average Customer Rating: xxxxX (2 votes) " Part -->
<span class="contentpagetitle">Average customer rating:</span>
<br>
<img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes
/ja_larix/images/stars/4.gif" align="middle" border="0" alt="4 stars"> 
Total votes: 2      </div>
<href="/VirtueMart_eCommerceBundle_Joomla/index.php?page=shop.product_details&amp;flyp
age=flypage.tpl&amp;product_id=17&amp;category_id=9&amp;option=com_virtuemart&amp;It
emid=64" title="Product Details"><br>
                  Product Details...</a>
      </div>
      <br>
      <span class="browseAddToCartContainer">


<form            action="http://localhost/VirtueMart_eCommerceBundle_Joomla/index.php"
method="post"        name="addtocart"        id="addtocart79.9_2"        class="addtocart_form"
onsubmit="handleAddToCart( this.id );return false;">=64">
```

```
<div class="browseProductImageContainer">
        <script type="text/javascript">//<![CDATA[
        document.write('<a                                    href="javascript:void
window.open(\'http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuem
art/shop_image/product/                  3_47cba5d699261.jpg\',                \'win2\',
\'status=no,toolbar=no,scrollbars=yes,titlebar=no,menubar=no,resizable=yes,width=440,height=4
40,directories=no,location=no\');">');
        document.write(                                                        '<img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_i
mage/product/resized/3_47cba5d6971f9_90x90.gif"          height="90"          width="90"
class="browseProductImage" border="0" title="/></a>' );
        //]]>
        </script><a                                        href="javascript:void
window.open('http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuema
rt/shop_image/product/3_47cba5d699261.jpg',                                    'win2',
'status=no,toolbar=no,scrollbars=yes,titlebar=no,menubar=no,resizable=yes,width=440,height=44
0,directories=no,location=no');"><img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_i
mage/product/resized/3_47cba5d6971f9_90x90.gif"          height="90"          width="90"
class="browseProductImage" border="0"></a>
        <noscript>
          &lt;a
href="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_
image/product/ 3_47cba5d699261.jpg" target="_blank"&gt;
          &lt;img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_i
mage/product/resized/_47cba5d6971f9_90x90.gif"          height="90"          width="90"
class="browseProductImage" border="0" title="gt;&lt;/a&gt; </noscript>      </div>

<div class="browseRatingContainer"><!-- The "Average Customer Rating: xxxxX (2 votes) "
Part --><span class="contentpagetitle">Average customer rating:</span>
```

```
<script type="text/javascript">//<![CDATA[
        document.write('<a                                    href="javascript:void
window.open(\'http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuem
art/shop_image/product/_47c69add05491.jpg\',                              \'win2\',
\'status=no,toolbar=no,scrollbars=yes,titlebar=no,menubar=no,resizable=yes,width=440,height=4
40,directories=no,location=no\');">');
        document.write(                                                        '<img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_i
mage/product/resized/47c69adcf3d58_90x90.gif"           height="90"           width="90"
class="browseProductImage" border="0" title=" 8Gb" alt=" 8Gb" /></a>' );
        //]]>
        </script><a                                            href="javascript:void
window.open('http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuema
rt/shop_image/product/47c69add05491.jpg',                                      'win2',
'status=no,toolbar=no,scrollbars=yes,titlebar=no,menubar=no,resizable=yes,width=440,height=44
0,directories=no,location=no');"><img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_i
mage/product/resized/47c69adcf3d58_90x90.gif"           height="90"           width="90"
class="browseProductImage" border="0" title=" 8Gb" alt=" 8Gb"></a>
        <noscript>
         &lt;a
href="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_
image/product/ 47c69add05491.jpg" target="_blank" title=" 8Gb"&gt;
        &lt;img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_i
mage/product/resized/47c69adcf3d58_90x90.gif"           height="90"           width="90"
class="browseProductImage" border="0" title=" 8Gb" alt=" 8Gb" /&gt;        &lt;/a&gt;
        </noscript>
    </div>
  <div class="browseRatingContainer">
<!-- The "Average Customer Rating: xxxxX (2 votes) " Part -->
```

```
<span class="contentpagetitle">Average customer rating:</span>
<br>
<img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes
/ja_larix/images/stars/0.gif" align="middle" border="0" alt="0 stars"> 
Total votes: 0        </div>
        <a
href="/VirtueMart_eCommerceBundle_Joomla/index.php?page=shop.product_details&amp;flypa
ge=flypage.tpl&amp;product_id=20&amp;category_id=6&amp;option=com_virtuemart&amp;Ite
mid=64" title="Product Details"><br>
                        Product Details...</a>
    </div>
    <br>
    <span class="browseAddToCartContainer">

<form                  action="http://localhost/VirtueMart_eCommerceBundle_Joomla/index.php"
method="post"   name="addtocart"   id="addtocart125.23006833713_5"   class="addtocart_form"
onsubmit="handleAddToCart( this.id );return false;">
  <label  for="quantity20"  class="quantity_box">Quantity: </label><input  type="text"
class="inputboxquantity" size="4" id="quantity20" name="quantity[]" value="1">
                <input    type="button"    class="quantity_box_button    quantity_box_button_up"
onclick="var qty_el = document.getElementById('quantity20'); var qty = qty_el.value; if( !isNaN(
qty )) qty_el.value++;return false;">
                <input    type="button"    class="quantity_box_button    quantity_box_button_down"
onclick="var qty_el = document.getElementById('quantity20'); var qty = qty_el.value; if( !isNaN(
qty ) &amp;&amp; qty &gt; 0 ) qty_el.value--;return false;">
                        <input type="submit" class="addtocart" value="Add to Cart" title="Add to
Cart">
  <input type="hidden" name="category_id" value="">
  <input type="hidden" name="product_id" value="20">
window.open('http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuema
```

rt/shop_image/product/Pro_47c69bbb9c147.jpg',   'win2',
'status=no,toolbar=no,scrollbars=yes,titlebar=no,menubar=no,resizable=yes,width=508,height=50
8,directories=no,location=no');"><img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_i
mage/product/resized/Pro_47c69bbb9b5b4_90x90.gif"   height="90"   width="90"
class="browseProductImage" border="0" title=" Pro" alt=" Pro">
                <noscript>
                   <a
href="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_
image/product/ _Pro_47c69bbb9c147.jpg" target="_blank" title=" Pro">
                   <img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_i
mage/product/resized/Pro_47c69bbb9b5b4_90x90.gif"   height="90"   width="90"
class="browseProductImage" border="0" title=" Pro" alt=" Pro" />
                </noscript>
        </div>

        <div class="browseRatingContainer">

<!-- The "Average Customer Rating: xxxxX (2 votes) " Part -->
Average customer rating:

<img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes
/ja_larix/images/stars/0.gif" align="middle" border="0" alt="0 stars">
Total votes: 0   </div>
        <div class="browseProductDescription">
        <a
href="/VirtueMart_eCommerceBundle_Joomla/index.php?page=shop.product_details&flypa
ge=flypage.tpl&product_id=21&category_id=6&option=com_virtuemart&Ite
mid=64" title="Product Details">

Product Details...

        </div>

<form action="http://localhost/VirtueMart_eCommerceBundle_Joomla/index.php" method="post" name="addtocart" id="addtocart4.99_6" class="addtocart_form" onsubmit="handleAddToCart(this.id);return false;">
  <label for="quantity21" class="quantity_box">Quantity: </label><input type="text" class="inputboxquantity" size="4" id="quantity21" name="quantity[]" value="1">
              <input type="button" class="quantity_box_button quantity_box_button_up" onclick="var qty_el = document.getElementById('quantity21'); var qty = qty_el.value; if(!isNaN(qty)) qty_el.value++;return false;">
              <input type="button" class="quantity_box_button quantity_box_button_down" onclick="var qty_el = document.getElementById('quantity21'); var qty = qty_el.value; if(!isNaN(qty) && qty > 0) qty_el.value--;return false;">
                  <input type="submit" class="addtocart" value="Add to Cart" title="Add to Cart">
  <input type="hidden" name="category_id" value="">
  <input type="hidden" name="product_id" value="21">
  <input type="hidden" name="prod_id[]" value="21">
  <input type="hidden" name="page" value="shop.cart">
  <input type="hidden" name="func" value="cartadd">
  <input type="hidden" name="Itemid" value="64">
  <input type="hidden" name="option" value="com_virtuemart">
  <input type="hidden" name="set_price[]" value="">
  <input type="hidden" name="adjust_price[]" value="">
  <input type="hidden" name="master_product[]" value="">
</form>

</div>

</div><br class="clr"><div style="margin-right: 5px; width:98%; float:left;" id="row_52ab6e80c493d"> <div class="browseProductContainer">

   <h3 class="browseProductTitle">

     </h3>   <div class="browsePriceContainer">
     <div class="browseProductImageContainer">
         <script type="text/javascript">//<![CDATA[
         document.write('');
         document.write('');
         //]]>
         </script><img src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_image/product/resized/_47c69d9887def_90x90.gif" height="90" width="90" class="browseProductImage" border="0" title=" Shuffle 1 Gb " alt=" Shuffle 1 Gb ">
         <noscript>
          <a

href="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_image/product/_ 47c69d9889067.jpg" target="_blank" title=" Shuffle 1 Gb ">

           </noscript>

    </div>

    <div class="browseRatingContainer">

<!-- The "Average Customer Rating: xxxxX (2 votes) " Part -->

Average customer rating:

<img src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes/ja_larix/images/stars/0.gif" align="middle" border="0" alt="0 stars">

Total votes: 0   </div>

    <div class="browseProductDescription">

        Product Details...

   </div>
      <span class="browseAddToCartContainer">

<form   action="http://localhost/VirtueMart_eCommerceBundle_Joomla/index.php" method="post"   name="addtocart"   id="addtocart200_7"   class="addtocart_form" onsubmit="handleAddToCart(this.id);return false;">

  <label for="quantity23" class="quantity_box">Quantity: </label><input type="text" class="inputboxquantity" size="4" id="quantity23" name="quantity[]" value="1">

     <input   type="button"   class="quantity_box_button   quantity_box_button_up" onclick="var qty_el = document.getElementById('quantity23'); var qty = qty_el.value; if(!isNaN(qty)) qty_el.value++;return false;">

```
<input   type="button"   class="quantity_box_button   quantity_box_button_down"
onclick="var qty_el = document.getElementById('quantity23'); var qty = qty_el.value; if( !isNaN(
qty ) &amp;&amp; qty &gt; 0 ) qty_el.value--;return false;">
<input type="submit" class="addtocart" value="Add to Cart" title="Add to Cart">
    <input type="hidden" name="category_id" value="">
    <input type="hidden" name="product_id" value="23">
    <input type="hidden" name="prod_id[]" value="23">
    <input type="hidden" name="page" value="shop.cart">
    <input type="hidden" name="func" value="cartadd">
    <input type="hidden" name="Itemid" value="64">
    <input type="hidden" name="option" value="com_virtuemart">
    <input type="hidden" name="set_price[]" value="">
    <input type="hidden" name="adjust_price[]" value="">
    <input type="hidden" name="master_product[]" value="">
<div class="browseProductImageContainer">
        <script type="text/javascript">//<![CDATA[
        document.write('<a                                         href="javascript:void
window.open(\'http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuem
art/shop_image/product/_47c69c85a2950.jpg\',                                      \'win2\',
\'status=no,toolbar=no,scrollbars=yes,titlebar=no,menubar=no,resizable=yes,width=440,height=4
40,directories=no,location=no\');">');
        document.write(                                                              '<img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_i
mage/product/resized/47c69c85a1eab_90x90.gif"          height="90"          width="90"
class="browseProductImage"  border="0"  title="  Shuffle150.00000"  alt="  Shuffle150.00000"
/></a>' );
        //]]>
        </script><a                                              href="javascript:void
window.open('http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuema
rt/shop_image/product/47c69c85a2950.jpg',                                         'win2',
'status=no,toolbar=no,scrollbars=yes,titlebar=no,menubar=no,resizable=yes,width=440,height=44
```

0,directories=no,location=no');"><img src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_i mage/product/resized/47c69c85a1eab_90x90.gif" height="90" width="90" class="browseProductImage" border="0">
        <noscript>

</div><br class="clr"><div style="margin-right: 5px; width:98%; float:left;" id="row_52ab6e80cac04"> <div class="browseProductContainer">

    <h3 class="browseProductTitle">
      Touch
    </h3>

    <div class="browsePriceContainer">

<div class="browseProductImageContainer">
        <script type="text/javascript">//<![CDATA[
        document.write('');
        document.write('<img

src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_image/product/resized/_48d26a82bd279_90x90.png" height="90" width="80" class="browseProductImage" border="0" title=" Touch" alt=" Touch" />');

//]]>

</script><img src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_image/product/resized/_48d26a82bd279_90x90.png" height="90" width="80" class="browseProductImage" border="0" title=" Touch" alt=" Touch">

<noscript>

</noscript>

</div>

<div class="browseRatingContainer">

<!-- The "Average Customer Rating: xxxxX (2 votes) " Part -->
Average customer rating:

<img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes

/ja_larix/images/stars/0.gif" align="middle" border="0" alt="0 stars">
Total votes: 0   </div>

    <div class="browseProductDescription">

        <a
href="/VirtueMart_eCommerceBundle_Joomla/index.php?page=shop.product_details&flypa
ge=flypage.tpl&product_id=34&category_id=11&option=com_virtuemart&It
emid=64" title="Product Details">
    <h3   class="browseProductTitle"><a"
href="/VirtueMart_eCommerceBundle_Joomla/index.php?page=shop.product_details&flypa
ge=flypage.tpl&product_id=24&category_id=8&option=com_virtuemart&Ite
mid=64">
    <div class="browseProductImageContainer">

        <script type="text/javascript">//<![CDATA[

        document.write('<a   href="javascript:void
window.open(\'http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuem
art/shop_image/product/K700_   _47c69e372d8b0.jpg\',   \'win2\',
\'status=no,toolbar=no,scrollbars=yes,titlebar=no,menubar=no,resizable=yes,width=540,height
href="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_
image/product/47c69e372d8b0.jpg" target="_blank" title=" ">

    <img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_i
mage/product/resized/47c69e372ce7f_90x90.gif"   height="90"   width="90"
class="browseProductImage" border="0" title=" / " alt=" / " />

    </noscript>

    </div>

    <div class="browseRatingContainer">

<!-- The "Average Customer Rating: xxxxX (2 votes) " Part -->
Average customer rating:


```
<img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes
/ja_larix/images/stars/0.gif" align="middle" border="0" alt="0 stars"> 
Total votes: 0        </div>
    <div class="browseProductDescription">

      <a
href="/VirtueMart_eCommerceBundle_Joomla/index.php?page=shop.product_details&amp;flypa
ge=flypage.tpl&amp;product_id=24&amp;category_id=8&amp;option=com_virtuemart&amp;Ite
mid=64" title="Product Details"><br>
                   Product Details...</a>
    </div>
    <br>
    <span class="browseAddToCartContainer">


<form             action="http://localhost/VirtueMart_eCommerceBundle_Joomla/index.php"
method="post"       name="addtocart"        id="addtocart239_10"        class="addtocart_form"
onsubmit="handleAddToCart( this.id );return false;">
  <label   for="quantity24"   class="quantity_box">Quantity: </label><input   type="text"
class="inputboxquantity" size="4" id="quantity24" name="quantity[]" value="1">
           <input    type="button"    class="quantity_box_button    quantity_box_button_up"
onclick="var qty_el = document.getElementById('quantity24'); var qty = qty_el.value; if( !isNaN(
qty )) qty_el.value++;return false;">
           <input    type="button"    class="quantity_box_button    quantity_box_button_down"
onclick="var qty_el = document.getElementById('quantity24'); var qty = qty_el.value; if( !isNaN(
qty ) &amp;&amp; qty &gt; 0 ) qty_el.value--;return false;">
                 <input type="submit" class=addtocart" value="Add to Cart" title="Add to
Cart">
  <input type="hidden" name="category_id" value="">
  <input type="hidden" name="product_id" value="24">
  <input type="hidden" name="prod_id[]" value="24">
  <input type="hidden" name="page" value="shop.cart">
```

```
<input type="hidden" name="func" value="cartadd">

<input type="hidden" name="Itemid" value="64">

<input type="hidden" name="option" value="com_virtuemart">

<input type="hidden" name="set_price[]" value="">

<input type="hidden" name="adjust_price[]" value="">

<input type="hidden" name="master_product[]" value="">

</form>       </span>


</div>


</div><br       class="clr"><div       style="margin-right:       5px;       width:98%;       float:left;"
id="row_52ab6e80d0d8a"> <div class="browseProductContainer">



    <h3       class="browseProductTitle"><a       title="Longer       Warrenty       for       "
href="/VirtueMart_eCommerceBundle_Joomla/index.php?page=shop.product_details&amp;flypa
ge=flypage.tpl&amp;product_id=28&amp;category_id=7&amp;option=com_virtuemart&amp;Ite
mid=64">       <div class="browseProductImageContainer">
        <script type="text/javascript">//<![CDATA[
        document.write('<a                                              href="javascript:void
window.open(\'http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuem
art/themes/ja_larix/images/noimage.gif\',                                              \'win2\',
\'status=no,toolbar=no,scrollbars=yes,titlebar=no,menubar=no,resizable=yes,width=130,height=1
27,directories=no,location=no\');">');
        document.write(                                                           '<img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes
/ja_larix/images/noimage.gif" class="browseProductImage" border="0" title="Longer Warrenty
for " alt="Longer Warrenty for "  /></a>' );
        //]]>
        </script><a                                              href="javascript:void
window.open('http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuema
```

rt/themes/ja_larix/images/noimage.gif',   'win2',
'status=no,toolbar=no,scrollbars=yes,titlebar=no,menubar=no,resizable=yes,width=130,height=12
7,directories=no,location=no');"><img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes
/ja_larix/images/noimage.gif" class="browseProductImage" border="0" title="Longer Warrenty
for " alt="Longer Warrenty for ">
        <noscript>
        <a
href="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/them
es/ja_larix/images/noimage.gif" target="_blank" title="Longer Warrenty for ">
       <img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes
/ja_larix/images/noimage.gif" class="browseProductImage" border="0" title="Longer Warrenty
for " alt="Longer Warrenty for " />
      </noscript>
    </div>

    <div class="browseRatingContainer">

<!-- The "Average Customer Rating: xxxxX (2 votes) " Part -->
Average customer rating:

<img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes
/ja_larix/images/stars/0.gif" align="middle" border="0" alt="0 stars">
Total votes: 0   </div>
    <div class="browseProductDescription">

     <a
href="/VirtueMart_eCommerceBundle_Joomla/index.php?page=shop.product_details&flypa
ge=flypage.tpl&product_id=28&category_id=7&option=com_virtuemart&Ite

mid=64" title="Product Details">

                    Product Details...

    </div>

</div>

</div><br   class="clr"><div   style="margin-right: 5px;   width:98%;   float:left;"
id="row_52ab6e80d1ba9"> <div class="browseProductContainer">
<div class="browseProductImageContainer">

            <script type="text/javascript">//<![CDATA[

            document.write('<a   href="javascript:void
window.open(\'http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuem
art/shop_image/product/47c69f81c96f6.jpg\',   \'win2\',
\'status=no,toolbar=no,scrollbars=yes,titlebar=no,menubar=no,resizable=yes,width=440,height=4
40,directories=no,location=no\');">');

            document.write('<img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_i
mage/product/resized/47c69f81c8bf2_90x90.gif"   height="90"   width="90"
class="browseProductImage" border="0"/>');

            //]]>

            </script><a   href="javascript:void
window.open('http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuema
rt/shop_image/product'win2',

'status=no,toolbar=no,scrollbars=yes,titlebar=no,menubar=no,resizable=yes,width=440,height=44
0,directories=no,location=no');"><img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_i
mage/product/resized/   _A1200_47c69f81c8bf2_90x90.gif"   height="90"   width="90"
class="browseProductImage" border="0" title=" A1200" alt=" A1200">

```
<noscript>
    &lt;a
href="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_
image/product/ _A1200_47c69f81c96f6.jpg" target="_blank" title=" A1200"&gt;
    &lt;img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/shop_i
mage/product/resized/    _A1200_47c69f81c8bf2_90x90.gif"    height="90"    width="90"
class="browseProductImage" border="0" title=" A1200" alt=" A1200" /&gt;
&lt;/a&gt;
    </noscript>
<!-- The "Average Customer Rating: xxxxX (2 votes) " Part -->
<span class="contentpagetitle">Average customer rating:</span>
<br>
<img
src="http://localhost/VirtueMart_eCommerceBundle_Joomla/components/com_virtuemart/themes
/ja_larix/images/stars/0.gif" align="middle" border="0" alt="0 stars"> 
Total votes: 0     </div>
    <span class="browseAddToCartContainer">

<form            action="http://localhost/VirtueMart_eCommerceBundle_Joomla/index.php"
method="post"  name="addtocart"  id="addtocart318.16767653759_12"  class="addtocart_form"
onsubmit="handleAddToCart( this.id );return false;">
  <label  for="quantity25"  class="quantity_box">Quantity: </label><input  type="text"
class="inputboxquantity" size="4" id="quantity25" name="quantity[]" value="1">
         <input    type="button"    class="quantity_box_button    quantity_box_button_up"
onclick="var qty_el = document.getElementById('quantity25'); var qty = qty_el.value; if( !isNaN(
qty )) qty_el.value++;return false;">
</div><br    class="clr"><div    style="margin-right:    5px;    width:98%;    float:left;"
id="row_52ab6e80d4c74"> <div class="browseProductContainer">
         <script type="text/javascript">//<![CDATA[
         document.write('<a href="javascript:void)
```

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