

PROJECT PROPOSAL

(MCSP-060)

On

BY

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proforma

Cv1

Cv2

Cv3

Cv4

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INTRODUCTION

The use of computers and internet has been expanding significantly over the years. Presently internet has been used widely as a means of communication, as a potential source of information, as a means of entertainment and many more. Within few years after existence of internet, business men realized the possibilities of using internet as a medium of business. This idea kick started the first online business ventures. Modern technology has been developed to the extent that even shopping made possible over the internet. The process of shopping done over the internet is called online shopping. Both products and services can be purchased by online shopping. Shopping Hub is used for business to business transactions or business to customer transactions with applications of electronic commerce. Online shopping malls are just an electronic catalogue of products. Hence to facilitate easier access to required products, almost all major online malls allow searching the entire catalogue. The first step in the online shopping is to search for the specific product categories using integrated search function.

Once you find the required product, put it in a virtual Shopping Cart and continue shopping. After you have added enough items in shopping cart, check out each of them. You can add or delete the contents in shopping cart. The next step is to login using a username and password. Many online malls first require you to register with them before allowing you to pay for the bought items. Enter the address to which you want the product to be delivered. You might also want to select the payment modes

for payment here. After choosing the mode of payment there will other boxes to fill your billing address or the payment details. Some online malls even ask for your email, phone numbers etc. Then wait for the confirmation of your order, you can also modify the order by adding or removing items. You can also cancel order if needed. Keep the printed copy of the purchased order and confirmations for records. In the event of any disputes, you will need to show these documents for verification

OBJECTIVES

An online business is a commerce, which is run completely or partially with the aid of Internet and Internet accessories. *“Shopping Hub - An Online Store”* plays a pivotal role in the online shopping of the multiple items. It reduces the load of the consumer as consumer had to go to the shop then select the item and then purchase it the main problem of transport is also been handled now consumer at home can do the shopping by this system. This system is user friendly system as well as very safe and secure for the shopping the entire password goes in the encrypted form so that no one can access it in unauthorized manner.

The purpose of the *“Shopping Hub - An Online Store”* is basically of saving the time and money and the consumer should get the valuable thing of its cost. Online shopping provides the vast description of the computer hardware and that to the in deep. It becomes very handy for the consumer to choose an item from a large number of items which is not possible in the single shop.

Project Category

The proposed project falls under Web Application category in which sets of technologies are used. Server side technology for creating dynamic web pages. ASP.NET is only one of a set of Internet Technology (ASP.NET) ASP.NET is a powerful and flexible server-technologies that comprise the .NET Framework. It helps to create faster, more reliable, dynamic web pages with any of the programming languages supported by .NET Framework. ASP.NET allows using a far greater selection of full programming languages and fully utilizing the rich potential of the .NET Framework.

Tools and Platform used

Software Requirement

Platform/Environment used : Microsoft Windows 7 Ultimate

Web Server : MS IIS 7

.NET Frame Work 3.5

IDE : MS Visual Studio.NET 2010

Browser : Google Chrome

Front End : ASP.Net using C#.net

Back End : MS SQL Server 2008 R2

Designing Tools : Adobe Photoshop,

Adobe Flash

Hardware Requirement

* Intel Dual Core Processor
* 2.0 GHz with 2MB of L2 Cache memory
* 2GB RAM with 666MHz of FSB
* Monitor that supports 1024 x 768 resolution
* 40 GB Hard disk
* 20 GB External Backup Device

SOFTWARE ENGINEERING MODEL USED

The spiral model is a software development process combining elements of both design and prototyping-in-stages, in an effort to combine advantages of top-down and bottom-up concepts. Also known as spiral life cycle model, it is a system development method (SDM) used in information technology (IT). This model of development combines the features of the prototyping model and the waterfall model. The spiral model is intended for Large, expensive and complicated projects. The spiral model, also known as the spiral life cycle model, is a systems development method (SDM) used in information technology (IT). This model of developments combines the features of prototyping model and the waterfall model. The spiral model is intended for large, expensive, and complicated projects.

The steps in the spiral model can be generalized as follows:

The new system requirements are defined in as much detail as possible. This usually involves interviewing a numbers of users representing all the external or internal users and other aspect of the existing system.

A preliminary design is created for the new system.

A first prototype of the new system is constructed from the preliminary design. This is usually a scaled-down system, and represents an approximation of the characteristics of the final products.

* A second prototype is evolved by a fourfold procedure:
* Evaluating the first prototype in term of its strengths, weaknesses, and risks;
* Defining the requirements of the second prototype;
* Constructing and testing the second prototype
* At the customer’s option, the entire project can be aborted if the risk is deemed too great. Risk factors might involve development costs overruns, operating-cost miscalculation, are any other factor that could, in the customer’s judgment; result in a less than satisfactory final product.
* The existing prototype is evaluated in the same manner as was the previous prototype, and, if necessary, another prototype is developed from it according to the fourfold procedure outlined above.
* The preceding steps are iterated until the customer is satisfied that the refined prototype represents the final product desired.
* The final system is constructed, based on the refined prototype.
* The final system is thoroughly evaluated and tested. Routine maintenance is carried out on a continuing the basis to prevent a large-scale Failures and to minimize down-time.

Applications

* For a typical Shrink-wrap application, the spiral model might mean that you have a rough-cut of user elements (without the polished/pretty graphics) as an operable application, add feature in phases, and, at some point, add the final graphics.
* The spiral model is used most often in large projects. For smaller projects the concepts of agile of software development is becoming a viable alternative. The US military has adopted the spiral model for its future combat systems program.

Advantages

* Estimates (i.e. budget, schedule, etc,) become more realistic as work progresses because important issues are discovered earlier.
* It is more able to cope with the (nearly inevitable) changes that software development generally entails.
* Software engineers (who can get restless with protracted design processes) can get their hands in and starts working on project earlier.

PROBLEM DEFINITION

Today, when computerization is essential in each and every aspect of human life to keep pace with the technological changes in the world, the process and activities carried out in various business organizations also need to be refined and automate. Until now, each process and different activities of the Business organization are carried out manually or managed manually which need to keep records, which cause many errors and bundles of paper work. This process may result wastage of lot of time and money, labor and it may not result accurately.

Due to all these above mentioned and many other reasons this project “*Shopping Hub – An Online Store*” is developed. This project aims to develop a complete fully functional independent system with the intention of improving the productivity of the operations of the concerned organization through speedy and accurate processing and efficient storage and retrieval of data. By using this software system the concerned organization do not need to maintain the records manually and which avoid the bundles of paper work. So the basic motives behind developing this project is to Provide a complete solution to manage showroom and to evaluate the effectiveness and efficiency of various processes needed to run the business smoothly. Maintain a database, which facilitates easy and efficient access to the records and information. To eliminate the errors and bundles of paperwork, involve and parallel to increase the accuracy and consistency of information. In addition, save on time efforts and money.

This system provides various reports, which help the administrator in decision-making regarding products details, product stock and even sales and purchases.

This system also helps to gain knowledge of the position and status of the organization. This software system helps concerned organization to analyze, control, consequently improve, and rectify the process in order to make this concerned a profitable venture.

The Great interest of management of organization in computerization to keep pace with industry is also a main reason of developing this software system.

The major problems routinely experienced in organization during the analysis may be summarized as lack of coordination between various divisions of the organization, lack of information on the status of resources, lack of information scheduling required resources lack of sale, purchase, production and consumption information are major reasons behind developing this software system.

REQUIREMENT SPECIFICATIONS

Requirements engineering is difficult. It’s not just a simple matter of writing down what the customer says he wants. A fundamental problem in business is that requirements are inherently dynamic; they will change over time as our understanding of the problem we are trying to solve changes. The importance of good requirements and the underlying dynamic nature of the process mean that we must be as accurate as possible, and yet be flexible. Ineffective requirements practices are an industry wide problem. A more disciplined approach to requirements development and management is needed in order to improve project success rates. A *requirement* is a necessary attribute in a *system*, a statement that identifies a capability, characteristic, or quality factor of a system in order for it to have value and utility to a *customer or user*. Requirements are important because they provide the basis for all of the development work that follows. Once the requirements are set, developers initiate the other technical work: system design, development, testing, implementation, and operation.

Requirements Types:-

Hardware Requirements:-

Performance requirement:- How will user interact with the system, How many users will be using system at a time, what type of user will interact

Interface requirement:- how will the GUI work

Specialty engineering requirement:- check for the o/s requirement or any additional software needed

Environmental requirement:- Infrastructural need like Power supply, HDD space etc.

Software Requirements:-

Functional requirement:- identify the number of function system would perform

Nonfunctional requirement: - how system will generate error messages when a query fails to run to completion or a legacy system is not responding within the allotted time. Or unauthorized access occurs in our system.

How to proceed:-

Customer Needs and Expectations:- (Requirements Analysis Input)

Business requirements:- Managers need access to timely and accurate data on personnel in order to meet operational needs.

User requirements:- The user needs the capability to search on personnel across the entire company by predefined skill sets.

Product requirements :- Data formats shall be translated across legacy system boundaries into the format supported by the local user’s system.

Environmental requirements :- There shall be no operational impact on any user other than the impact on information retrieval caused by having a larger

System Requirements Specifications*(Requirements Analysis Output)*

High-level (or system-level) requirements:- the system shall maintain cross-references for information types contained in the legacy systems.

Functional requirements:- The local user shall be able to search all legacy systems in a predefined local, regional, or national geographical area for personnel meeting a specified skill set.

Nonfunctional requirements:- The system shall make use of the public switched network (PSN) and not require dedicated lines of communication.

Derived (or design) requirements:- Design constraints The system shall use public key infrastructure (PKI) communications security.

Performance requirements:- The system shall support up to 20 simultaneous users without any noticeable degradation of service. The system shall return all available skill sets to the user within 1 minute of initiating a search.

Interface requirements:- The system shall present a look and feel consistent with each local office’s legacy system.

PROJECT SCHEDULING

GANTT CHART

A grant chart or bar chart is the simplest form of formal project management. The Gantt chart is used almost exclusively for scheduling purpose and therefore controls only the time dimension.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 10jan  2013 | 13jan  2013 | 15jan  2013 | 23jan  2013 | 4feb  2013 | 8feb  2013 |
| Start | Information Gathering |  |  |  |  |  |
|  |  | Problem Identification |  |  |  |  |
|  |  |  | Requirement  Analysis |  |  |  |
|  |  |  |  | Risk Analysis |  |  |
|  |  |  |  |  | Cost Analysis |  |
|  |  |  |  |  |  | Prototype  Designing |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 15feb  2013 | 19feb  2013 | 25feb  2013 | 5mar  2013 | 10mar  2013 | 14mar  2013 | 15mar  2013 |
| Deployment  &validation |  |  |  |  |  |  |
|  | Modules |  |  |  |  |  |
|  |  | System  Integration |  |  |  |  |
|  |  |  | Testing |  |  |  |
|  |  |  |  | Deployment |  |  |
|  |  |  |  |  | Documentation | Finish |

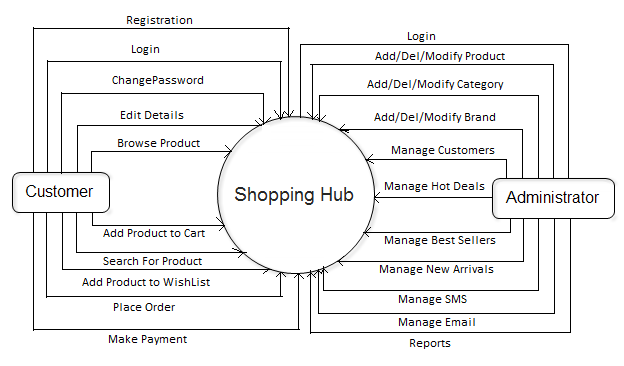
SCOPE OF THE SOLUTION

Modern technology has been developed to the extent that even shopping made possible over the internet. The scope of shopping will remain till the end of this world as without shopping the living is not possible and now a day’s computer is playing a very vital role in each and everybody life. We know shopping is possible through the computer so the scope of this system will increase day by day.

The system “*Shopping Hub- An Online Store*” will serve the computer world and people very much .Computer field is a field where changes occurs in each and every second which the common people are unaware about it so this system brings every product in front of the people which they even don’t know.

DATA FLOW DIAGRAMS

LEVEL 0 (CONTEXT LEVEL)



LEVEL 1 (CUSTOMER)

tbl\_UserAccount

Browse

Or

Search

tbl\_Product

Registration

tbl\_UserAccount

Add

Login

Customer

tbl\_ShoppingCart

Add

tbl\_WishList

Updates

Makes

Payment

tbl\_Order

tbl\_UserProfile

LEVEL 1 (ADMINISTRATOR)

tbl\_HotDeal

tbl\_Brands

tbl\_UserAccount

tbl\_Products

tbl\_Category

tbl\_BestSeller

Administrator

tbl\_NewArrival

tbl\_Stock

tbl\_Admin

tbl\_Suppliers

tbl\_SMS

tbl\_Email

LEVEL 2 (CUSTOMER)

Registartion

tbl\_UserAccount

Details Added

Add Details

User Registered

Enter User Details

Authentication

tbl\_UserAccount

Email &

Password

Verified

Login Succeed

Login Details

Forgot Password

tbl\_UserAccount

Password Reset

Email,

Security Question

& Answer

Password Reset Request

Information

Search/Browse Product

tbl\_Product

Customer

tbl\_Category

tbl\_Brand

Add Product to Cart

Customer

tbl\_ShoppingCart

tbl\_UserAccount

Add Product to Wish List

Customer

tbl\_WishList

tbl\_UserAccount

Place Order & Make Payment

View Selected Item

Add Item

Delete Item

Modify Item

Card Detail

tbl\_Order

Bank Detail

LEVEL 2 (ADMINISTRATOR)

Admin Login

tbl\_Admin\_

UserName

&

Password

Verified

Login Details

Login Succeed

Manage Product/Brand/Category

tbl\_Product

tbl\_Brand

tbl\_Category

tbl\_Product

tbl\_Brand

tbl\_Category

tbl\_Product

tbl\_Brand

tbl\_Category

tbl\_Product

tbl\_Brand

tbl\_Category

Manage Hot Deals/Bestseller/New Arrival

tbl\_HotDeals

tbl\_Bestseller

tbl\_NewArrival

tbl\_HotDeals

tbl\_Bestseller

tbl\_NewArrival

tbl\_HotDeals

tbl\_Bestseller

tbl\_NewArrival

tbl\_HotDeals

tbl\_Bestseller

tbl\_NewArrival

Manage Inventory

tbl\_Sales

tbl\_Stock

tbl\_Purchase

Manage SMS/E-Mail

tbl\_SMS

tbl\_Email

Reports Generation

tbl\_Purchase

tbl\_Purchase

tbl\_Purchase

ER DIAGRAM

has

buys

manage

CUSTOMER

PRODUCT

has

added to

makes

made

for

CART

PAYMENT

CATEGORY

1

M

M

M

BRAND

1

ADMINISTRATOR

1

PURCHASE

manage

SALES

maintains

STOCK

M

DATABASE DESIGN

tbl\_Category (PK:Cat\_ID)

|  |  |
| --- | --- |
| Column Name | Data Type |
| Cat\_id | Integer |
| Name | Nvarchar(25) |
| Description | Nvarchar(100) |
| Image | Varbinary |
| Active | Nvarchar(5) |

tbl\_product (PK:Prod\_id FK:Cat\_id Brand\_id)

|  |  |
| --- | --- |
| Column Name | Data Type |
| Prod\_id | Integer |
| Name | Nvarchar(25) |
| Purchase\_price | Integer |
| Sale\_price | Integer |
| Brand\_id | Integer |
| Cat\_id | Integer |
| Description | Nvarchar(100) |
| Image | Varbinary |
| Rating | Integer |
| Active | Nvarchar(5) |

tbl\_brand (PK:Brand\_id)

|  |  |
| --- | --- |
| Column Name | Data Type |
| Brand\_id | Integer |
| Name | Nvarchar(25) |
| Logo | Varbinary |
| Description | Nvarchar(100) |
| Active | Nvarchar(5) |

tbl\_wishlist (PK:Wl\_id FK:Cust\_id,Prod\_id)

|  |  |
| --- | --- |
| Column Name | Data Type |
| Wl\_id | Integer |
| Cust\_id | Integer |
| Name | Nvarchar(25) |
| Prod\_id | Integer |
| Insert\_date | Datetime |

tbl\_Admin (PK:Login\_name)

|  |  |
| --- | --- |
| Column Name | Data Type |
| Login\_name | Nvarchar(30) |
| Password | Nvarchar(30) |

tbl\_Order (PK:Order\_id FK:Cust\_id )

|  |  |
| --- | --- |
| Column Name | Data Type |
| Order\_id | Integer |
| Cust\_id | Integer |
| Order\_date | Datetime |
| Order\_amt | Integer |
| Discount | Integer |
| Shipping\_amt | Integer |
| Tax\_amt | Integer |
| Net\_amt | Integer |
| Shipping\_date | Datetime |
| Shipping\_address | Nvarchar(150) |
| Billing\_address | Nvarchar(150) |
| Status | Nvarchar(15) |

tbl\_ShoppingCart (PK:Cart\_id FK:Cust\_id FK:Product\_id)

|  |  |
| --- | --- |
| Column Name | Data Type |
| Cart\_id | Integer |
| Cust\_id | Integer |
| Session\_id | Integer |
| Product\_id | Integer |
| Quantity | Integer |
| Price | Integer |

tbl\_UserAccount (PK:Uid)

|  |  |
| --- | --- |
| Column Name | Data Type |
| Uid | Integer |
| Username | Nvarchar(25) |
| Password | Nvarchar(25) |
| Hint\_Question | Nvarchar(50) |
| Answer | Nvarchar(30) |
| Status | Nvarchar(5) |

tbl\_UserProfile (PK:Uid)

|  |  |
| --- | --- |
| Column Name | Data Type |
| Uid | Integer |
| Fname | Nvarchar(25) |
| Lname | Nvarchar(25) |
| Dob | Datetime |
| Mobile\_no | Nvarchar(10) |
| Gender | Nvarchar(6) |
| Email | Nvarchar(50) |
| City | Nvarchar(15) |
| State | Nvarchar(15) |
| Country | Nvarchar(15) |
| Aboutme | Nvarchar(100) |
| Pincode | Nvarchar(6) |

tbl\_HotDeals (PK:Hd\_id FK:Prod\_id)

|  |  |
| --- | --- |
| Column Name | Data Type |
| Hd\_id | Integer |
| Prod\_id | Integer |
| Offer\_Price | Integer |
| Description | Nvarchar(100) |
| Active | Nvarchar(5) |
| Image | Varbinary |
| Start\_date | Datetime |
| End\_date | Datetime |

tbl\_NewArrival (PK:Na\_id FK:Prod\_id)

|  |  |
| --- | --- |
| Column Name | Data Type |
| Na\_id | Integer |
| Prod\_id | Integer |
| Price | Integer |
| Active | Nvarchar(5) |
| Start\_date | Datetime |
| End\_date | Datetime |

tbl\_BestSeller (PK:Bs\_id FK:Prod\_id)

|  |  |
| --- | --- |
| Column Name | Data Type |
| Bs\_id | Integer |
| Prod\_id | Integer |
| Price | Integer |
| Active | Nvarchar(5) |
| Start\_date | Datetime |
| End\_date | Datetime |

tbl\_Sms (PK:Sms\_id)

|  |  |
| --- | --- |
| Column Name | Data Type |
| Sms\_id | Integer |
| Type | Nvarchar(10) |
| Mobile\_no | Nvarchar(10) |
| Text | Nvarchar(160) |
| Sendtime | datetime |

tbl\_Email (PK:E\_id)

|  |  |
| --- | --- |
| Column Name | Data Type |
| E\_id | Integer |
| Type | Nvarchar(10) |
| Email\_id | Nvarchar(50) |
| Subject | Nvarchar(25) |
| Message | Nvarchar(250) |
| Send\_time | datetime |

tbl\_Stock (PK:Stock\_id FK:Prod\_id Brand\_id)

|  |  |
| --- | --- |
| Column Name | Data Type |
| Stock\_id | Integer |
| Prod\_id | Integer |
| Brand\_id | Integer |
| Prod\_name | Nvarchar(25) |
| Description | Nvarchar(150) |
| Quantity | Integer |
| Status | Nvarchar(5) |

tbl\_Supplier (PK:Supp\_id)

|  |  |
| --- | --- |
| Column Name | Data Type |
| Supp\_id | Integer |
| Supp\_name | Nvarchar(25) |
| Address | Nvarchar(60) |
| Prod\_sales | Nvarchar(20) |
| Email\_id | Nvarchar(50) |
| Mobile\_no | Nvarchar(10) |
| TIN\_no | Integer |

tbl\_Sales

|  |  |
| --- | --- |
| Column Name | Data Type |
| Sales\_id | Integer |
| Prod\_id | Integer |
| Cust\_id | Integer |
| Date\_sold | Datetime |
| Qty\_sold | Integer |

tbl\_Purchase (PK:Pur\_id FK:Supp\_id Prod\_id)

|  |  |
| --- | --- |
| Category | Datatype |
| Pur\_id | Integer |
| Supp\_id | Integer |
| Prod\_id | Integer |
| Quantity | Integer |
| Date | datetime |

MODULES USED IN PROJECT

The software will be designed according to the various modules required to fulfill all the requirements uncovered in our requirement analysis. The whole system can be divided into a number of modules. The following modules can be recognized in our project:

There are 7 modules in the project. They are as follows

1.LOGIN MODULE

Login module is the first and the most important module of the project “Shopping Hub – An Online Store”. It plays very important and vital role in the security. As only the authorized user can access it and can do the shopping according to it no other user can access it as it required a user name and password which is used to access the software.

2.ADMINISTRATOR MODULE

This module is used for administrative properties like add, delete, modify etc... Any changes to be made in the product list are done by the help of this module. This module is used by the administrator no one has right to access this module.

3.CUSTOMER MODULE

This module is used for the registration of the customer which holds each and every detail of the customer so that if any fraud case is done by the customer, customer can be easily traced. It keeps the details like name, address, phone number, e-mail address etc.

4.SEARCH MODULE

The very important module of the software as the basis of the software is searching, the product which the customer demands is been searched by the help of this module. This module displays all the items which are presently present for the sale to the customer.

5.ORDER MODULE

This module is used efficiently by the customer as well as by the administrator as customer places the order by the help of this module only and administrator checks the order to be delivered by the help of this module only.

6.PAYMENT MODULE

This module has its own role in the software it is used when the customer had selected the item which he/she has to purchase. This module access the credit card sections for the online payment of the purchase which in turn generate the payment slip which can be printed through the printer very easily.

7.CART MODULE

This is a crucial module which adds various items to the cart then it asks for a confirmation of added items, here the customer can add or delete the items according to his needs and then he is asked for the payment.

SECURITY IMPLEMENTATION

Computer security is an important topic. As e-commerce blossoms, and the Internet works its way into every nook and cranny of our lives, security and privacy come to play an essential role. Computer security is moving beyond the realm of the technical elite, and is beginning to have a real impact on our everyday lives.

It is no big surprise, then, that security seems to be popping up everywhere, from headline news to TV talk shows. Because the general public doesn't know very much about security, a majority of the words devoted to computer security cover basic technology issues such as what firewalls are, what cryptography is, or which antivirus product is best. Much of the rest of computer security coverage centres around the "hot topic of the day," usually involving an out-of-control virus or a malicious attack. Historically, the popular press pays much attention to viruses and denial-of-service attacks: Many people remember hearing about the Anna Kournikova worm, the "Love Bug," or the Melissa virus ad nauseam. These topics are important, to be sure. Nonetheless, the media generally manages not to get to the heart of the matter when reporting these subjects. Behind every computer security problem and malicious attack lies a common enemy—bad software.

## ***Technical Trends Affecting Software Security***

Complex systems, by their very nature, introduce multiple risks. And almost all systems that involve software are complex. One risk is that malicious functionality can be added to a system (either during creation or afterward) that extends it past its primary, intended design. As an unfortunate side effect, inherent complexity lets malicious and flawed subsystems remain invisible to unsuspecting users until it is too late. This is one of the root causes of the malicious code problem. Another risk more relevant to our purposes is that the complexity of a system makes it hard to understand, hard to analyze, and hard to secure. Security is difficult to get right even in simple systems; complex systems serve only to make security harder. Security risks can remain hidden in the jungle of complexity, not coming to light until it is too late.

Extensible systems, including computers, are particularly susceptible to complexity-driven hidden risk and malicious functionality problems. When extending a system is as easy as writing and installing a program, the risk of intentional introduction of malicious behaviour increases drastically—as does the risk of introducing unintentional vulnerabilities. Any computing system is susceptible to hidden risk. Rogue programmers can modify systems software that is initially installed on the machine. Unwitting programmers may introduce a security vulnerability when adding important features to a network-based application. Users may incorrectly install a program that introduces unacceptable risk or, worse yet, accidentally propagate a virus by installing new programs or software updates. In a multiuser system, a hostile user may install a Trojan horse to collect other users' passwords. These attack classes have been well-known since the dawn of computing, so why is software security a bigger problem now than in the past? We believe that a small number of trends have a large amount of influence on the software security problem.

FUTURE SCOPE

The Project “*Shopping Hub – An Online Store*” is generalized software and can be easily used in any online shopping website with little or no change. The changes in software can be easily accommodated. The addition and deletion of the modules in software can be easily adjusted. The software can be enhanced up to any legal extent depending upon user’s requirement. It will be able to serve the organization even if it increases its services. I have completed the project successfully and according to the developed project fully satisfied their needs except certain things because everything is not perfect in this materialistic world and due to certain factors, which directly or indirectly affect the project. We hope that this project will serve its purpose for which it is developed there by underlining success of our project.

Up till now all the activities of the organization are performed manually, it requires more human efforts to manage the each and every aspects of organization which is very costly process. To overcome all kind of problems being faced by organization our project “online-Shopping Computer Hardware” will provide efficient and cost effective solution and always have possibilities of enhancement up any legal extent to satisfy user requirement. This system provides a greater solution for those who are less interacted with the computer system because it provides the graphical user interface facility. This software will help to shopping with wasting your valuable time in crowded malls and large traffic jams.

Bibliography

Websites

|  |  |
| --- | --- |
| URL’s | .NET Resource Description |
| [www.gotdotnet.com](http://www.gotdotnet.com) | All about asp.net |
| [www.123aspx.com](http://www.123aspx.com) | Directory of .NET articles |
| [www.vbws.com](http://www.vbws.com) | Building XML web services with VB. Net |
| [www.soapwebservices.com](http://www.soapwebservices.com) | SOAP Web Services |
| [www.w3.org](http://www.w3.org) | HTML & XML Specification |
| [www.xmlws101.com](http://www.xmlws101.com) | XML web services for ASP.NET |
| [www.mindtools.com](http://www.mindtools.com) | For SAD & Software Engg tools |
| [www.xmlwebservices.com](http://www.xmlwebservices.com) <http://msdn.microsoft.com/> | XML Web Services |

Books

|  |  |
| --- | --- |
| Name of Book | Publication |
| Developing web applications with Vb.NET and ASP.NET | Wiley |
| .NET E-Commerce programming | Sybex |
| Mastering ASP.NET | BPB |
| Complete Rereference ASP.NET | TMH |
| Visual Studio.NET programming | Wiley |
| Visual Basic.Net Programming Black Book | Wiley Dreamtech |