

Ahsanullah University of Science Technology

Department of Computer Science & Engineering



[My Shop]

CSE 3200

Software Development V

Submitted By:

Rimon Datta 16.02.04.013
Saimom Islam 16.02.04.011

●Introduction

The name of our project is “My Shop” which is an Online Shopping System project will provide an Online shopping platform and thereby leverage the tedious offline shopping activity for a customer. Through this project it is tried to make this thing easy by selling and buying the things while sitting at their own places and getting the contacts of the shopkeeper through the site.

●Objective

The main objectives of Online Shopping System include the following:

- ✓ The design an Online Shopping System that is secured against fraud and ensures easy and effective transactions.
- ✓ To develop a good customer oriented system that provides customers with quality services.

●Problem Analysis

Most shops are experienced some draw back in their operation due to the current shopping system (manual shopping) which are:

- ❖ Lack of accuracy in customer's record.
- ❖ Slow in processing customer's record.
- ❖ Lack of proper accountability,
- ❖ It does not give a customer the incredible convenience to shop at any time of the day due to the limited working hours.
- ❖ Description of the product limited.
- ❖ Not in reach of distant users.

There is a need to change from manual way of shopping to a computerized way, where customers can browse through the Internet and the system administrator

to approve requests shoppers can buy products anywhere and a database that will maintain the products detail information.

●**Design/ Development of Solutions:**

- The main features of this project is high accuracy, design flexibility and easy availability.
- It is basically a very instant processing System by which customers can get the product in the right time.
- It's basically build in the platform of .Net & Html which makes the application quite flexible and easy to be operated.
- User can login and choose from different types of categories.
- Users can compare multiple items at a time in this application.
- There will be ADMIN PANEL.
- Minimize manual data entry.
- Ensure data accuracy.
- No third party involvement
- Easy to manage

●**Modern tool usage:**

Web Technologies: ASP.NET

Language: C#, HTML, CSS

Database: SQL SERVER

Operating System: WINDOWS 10

●Project Management and Finance:

Our system is easy to use and it does not require training to use the website

- Anyone who can use a web browser can use this system so users should have the necessary skills required to use this system.
- Smooth transition between pages
- Page loading time not more than 5 second

Maintenance: - Backup for the Database

Security: Only authorized users can access the system using username and password

- Only designated users can update and access to database
- All necessary steps will be taken to ensure the security of all personal data of the user
- Password of users will be encrypted

Our website does not require a huge amount of money as the cost depends on the number of man hours required. It is economically feasible as the only cost involved is having a computer with the minimum requirement mentioned earlier. Moreover C#, HTML, CSS, MySQL and DOT NET are open source so no cost is associated with it. Also it is free of cost when registering, the only cost is in getting access to the internet.

- A team of 2 members is required to complete the task
- 10-12 weeks is needed to finish this project
- The only extra costs are internet bill and phone bill to contact team members.

● Investigation:

This online shopping system allows users to shop from anywhere and anytime. This system provides users to find more variety of products with fewer expenses. This

application saves lot of time and users can avoid crowd for shopping. Customer who wants to buy laptops and mobiles have to visit the site to see the laptops and mobiles which is quite a cumbersome task. Through this project it is tried to make this thing easy by selling and buying the laptops and mobiles while sitting at their own places and getting the contacts of the shopkeeper through the site.

● **Environment and Sustainability:**

With the explosion of online retail, consumers are choosing click and mortar retail over traditional brick and mortar stores. Online retail presents a unique opportunity to have a positive impact on the environment and prevent climate change. Online consumer's behaviors are more efficient and sustainable than a traditional consumer. Maintaining a website as opposed to a physical store is one obvious way to decrease carbon footprint. However, less evident but still very dramatic benefits in sustainability comes from logistics of delivery.

This project planned to come across requirements of an online shopping system. It has been technologically progressive in ASP .NET and database has been built in SQL. We have started our project by taking opinions from users what they want in our system.

The environmental, social, and economic aspects are significant to the e-commerce sector, on both the retailer and consumer sides. It cannot be over-emphasized how important the sustainability of e-commerce in all three dimensions is. Our Online Shop will allow consumers to shop online easily, at any hour of the day, using secure payment systems; furthermore, trust in retailers' websites is of paramount importance to consumers. This calls our attention to the gap in previous studies, and consequently, the purpose of this study is to fill the gap, to ensure sustainable e-commerce in three dimensions; environmental, social, and economic.

Our System is user-friendly. Anyone having a little knowledge of computer can easily buy their goods from our website. We have plans to upgrade our software with new ideas and new features. We can ensure that, our project will take place a huge market with great income. This project will be sustainable in the market with a huge demand.

