

# **KENABECHA.COM**

**E-Commerce website**

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY  
DHAKA, BANGLADESH  
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# **KENABECHA.COM**

## **E-Commerce website**

A Project Report

Submitted in partial fulfillment of the requirements for the degree of  
**Bachelor of Science in Computer Science and Engineering**

By

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# DECLARATION

We, hereby, declare that the work presented in this report is the outcome of the investigation performed by us under the supervision of Mr.Md.Khairul Hasan, Assistant Professor Department of Computer Science and Engineering, Ahsanullah University of Science and Technology, Dhaka, Bangladesh. The work was spread over two final year courses, CSE400: Project & Thesis I and CSE450: Project & Thesis II, in accordance with the course curriculum of the Department for the Bachelor of Science in Computer Science and Engineering program.

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# **ABSTRACT**

Electronic Commerce is process of doing business through computer networks. A person sitting on his chair in front of a computer can access all the facilities of the Internet to buy or sell the products.

Unlike traditional commerce that is carried out physically with effort of a person to go & get products, ecommerce has made it easier for human to reduce physical work and to save time. E-Commerce which was started in early 1990's has taken a great leap in the world of computers, but the fact that has hindered the growth of e-commerce is security. Security is the challenge facing e-commerce today & there is still a lot of advancement made in the field of security.

The main advantage of e-commerce over traditional commerce is the user can browse online shops, compare prices and order merchandise sitting at home on their PC.

For increasing the use of e-commerce in developing countries the B2B e-commerce is implemented for improving access to global markets for firms in developing countries. For a developing country advancement in the field of e-commerce is essential. The research strategy shows the importance of the e-commerce in developing countries for business applications.

# Introduction

Electronic commerce or ecommerce is a term for any type of business, or commercial transaction, that involves the transfer of information across the Internet. It covers a range of different types of businesses, from consumer based retail sites, through auction or music sites, to business exchanges trading goods and services between corporations. It is currently one of the most important aspects of the Internet to emerge.

The consumer moves through the internet to the merchant's web site. From there, he decides that he wants to purchase something, so he is moved to the online transaction server, where all of the information he gives is encrypted. Once he has placed his order, the information moves through a private gateway to a Processing Network, where the issuing and acquiring banks complete or deny the transaction. This generally takes place in no more than 5-7seconds.

There are many different payment systems available to accommodate the varied processing needs of merchants, from those who have a few orders a day to those who process thousands of transactions daily. With the addition of Secure Layer Technology-Commerce is also a very safe way to complete transactions.

## Objectives

- ⦿ An ecommerce marketplace, allows third party sellers to sell their wares.
- ⦿ Users can buy and sale goods, properties etc.
- ⦿ Making transaction easier and safe by using PayPal.
- ⦿ To reach out larger population for the virtual marketplace.
- ⦿ Using filter based searching system for user so that they find anything easily.
- ⦿ Geo-location based searching will be enabled. *Geo Search* is a way to filter and sort results by distance or around certain radius and sort around the user's location based on his IP address.
- ⦿ The classification search page is used to locate classification schedule and table records using one or more of the following access points:
  1. Caption
  2. Keyword
  3. Index term
  4. Caption or index term
  5. Classification number



# Motivation

## **3.1: E-Commerce has a great demand in today's world**

E-Commerce refers to the buying and selling of products and services over electronic systems like the internet and other computer networks. This system depends on technologies like electronic funds transfer, supply chain management, internet marketing, online transactions, electronic data interchange and automated data collection systems. E-commerce is divided into three major categories which include; Consumer to consumer: electronic commerce which involves consumers selling directly to consumers.

## **3.2: This is a real life project**

Nowadays people are very busy doing professional work they don't get much time to go outside buying their stuff, they prefer online marketplace. This is a real life project that will help us to understand real life problems and how to solve them with a software.

## **3.3: Through this project we will learn PHP and framework**

By doing the project we will know about how to do web application development using PHP, Laravel, Bootstrap etc.

## **3.4: It will help us in our job**

It will help us to make our portfolio better. This will help us in the job market to get ahead of others

# Purpose

- ⦿ General people will buy their necessary things through this online shopping.
- ⦿ Businessmen will be able to deal with dealers.
- ⦿ Organizations can be benefitted by ordering goods.
- ⦿ Entrepreneurs and small business people will be greatly benefitted through this.

# Features

## **5.1: User Account**

User login register system. A user can log in the website by completing registration form.

## **5.2: Sellers dashboard**

A dashboard to keep track of seller's activity throughout the website.

## **5.3: Email verifications**

Check if given email already existed.

## **5.4: Review and rating for Sellers and buyers**

Buyer can give rating to sellers and seller can do the same. Buyer can also make review about any products or sellers.

## **5.5: Advertisement for goods and properties**

Sellers can make advertisement to sell their goods and properties.

## **5.6: This is a real life project**

Nowadays people are very busy doing professional work they don't get much time to go outside buying their staff, they prefer online marketplace.

This is a real life project that will help us to understand real life problems how to solve them with a software.

## **5.7: Face book integration**

Using Face book Account to Log in the website.

### **5.8:Geo-location based search**

A way to filter and sort results by distance or around certain radius and sort around the user's location based on his IP address.

### **5.9: User defined search**

User can customize their search, as they want.

### **5.10: Suggestions for similar products**

Automatically get notified by similar product or search.

### **5.11: User search based suggestions**

Get suggested by similar product based on their search.

### **5.12:Online transaction**

Using PayPal or similar transaction system for payment.

### **5.13: What is trending?**

Get notified by recently popular product.

### **5.14: Price based search**

Make a search based on given price range.

### **5.14: Top sellers charts according to ratings and selling**

Keep track of top selling and rated products.

## Action plan

- ⦿ **Information Gathering :**

We gathered many information by studying bikroy.com.

- ⦿ **Efficient Database Create**

- ⦿ **Layout Design**

- ⦿ **Coding**

- ⦿ **Testing**

- ⦿ **Deployment**

## Background studies

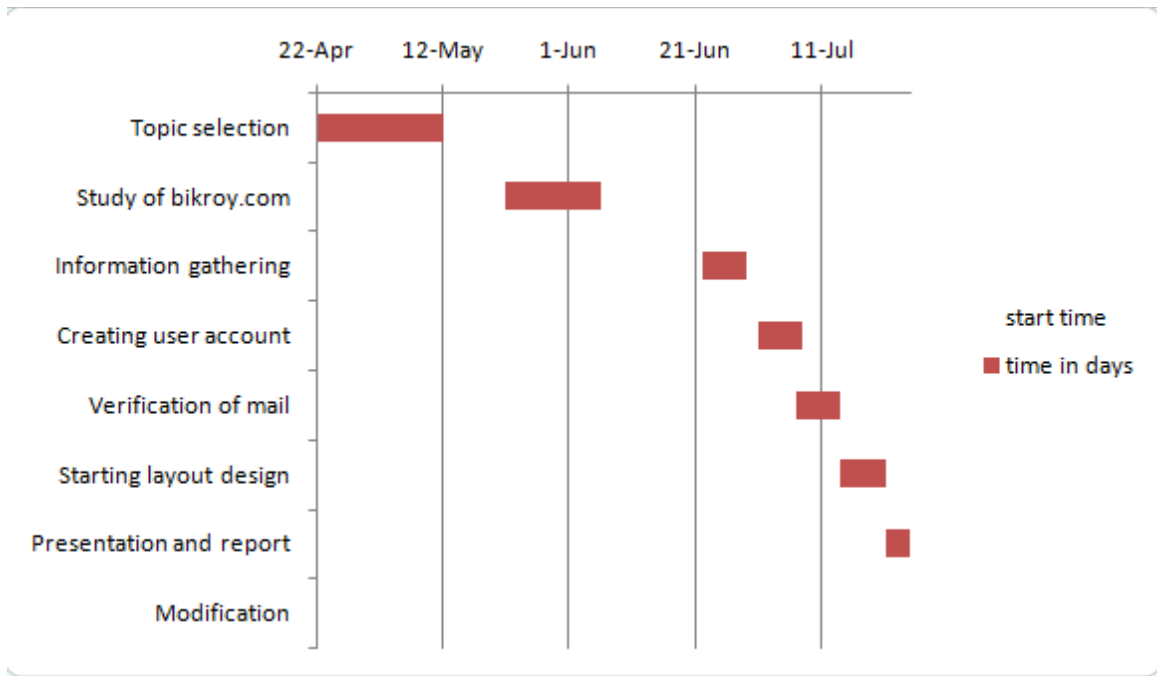
### 7.1:Bikroy.com

- ⦿ Online marketplaces
- ⦿ How the marketplace works
- ⦿ How the ratings work
- ⦿ How the suggestions works
- ⦿ Study of marketplace policies
- ⦿ How the transactions will be secured
- ⦿ How to reach more people
- ⦿ How the marketing of the site is done

## Platforms

- ⦿ PHP
- ⦿ Bootstrap Framework
- ⦿ Larval framework
- ⦿ SQL database

## Gantt chart



## Challenges

- ⦿ User dashboard
- ⦿ Rating based chart
- ⦿ Efficient Database
- ⦿ User friendly website
- ⦿ Suggestions for buyers
- ⦿ Marketing of the site

## **Future Plan**

This report contains the objectives, features, action plan, challenges regarding this project. Keeping all these points in mind, we hope to move forward to implement the project.

## **Conclusion**

In general, today's businesses must always strive to create the next best thing that consumers will want because consumers continue to desire their products, services etc. to continuously be better, faster, and cheaper.

In this world of new technology, businesses need to accommodate to the new types of consumer needs and trends because it will prove to be vital to their business' success and survival. E-commerce is continuously progressing and is becoming more and more important to businesses as technology continues to advance and is something that should be taken advantage of and implemented.

There are several factors and variables that need to be considered and decided upon when starting an e-commerce business. Some of these include: types of e-commerce, marketing strategies, and countless more. If the correct methods and practices are followed, a business will prosper in an e-commerce setting with much success and profitability.