

**Internship on Ecommerce Website Development
(Foraegecomputer.com)**

BY

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This Report Presented in Partial Fulfillment of the Requirements for
the Degree of Bachelor of Science Computer Science and Engineering

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DAFFODIL INTERNATIONAL UNIVERSITY DHAKA,

BANGLADESH 10th DECEMBER 2019

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APPROVAL

This Project titled “ Internship on Ecommerce Website Development (Foraegecomputer.com)”, submitted by Asaduzzaman Asif ID No: 161-15-910 to the Department of Computer Science and Engineering, Daffodil International University, has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 10/12/2019

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DECLARATION

We hereby declare that, this Internship has been done by us under the supervision of **Ohidujjaman, Senior Lecturer, Department of CSE** Daffodil International University. We also declare that neither this Internship nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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ACKNOWLEDGEMENT

I have completed my internship in Zafi Digital at House #28, Road #4,Block #D, Banasree from September 11th November 2018 to 10th November 2019 My internship report won't be possible without contribution of few people.

At first I desire to express our deepest sense of gratitude of almighty **Allah**.

I would like to express my sincere gratitude to our supervisor **Mr. Ohidujjaman**, Senior Lecturer of Department of Computer Science & Engineering, Daffodil International University for his incredible support and guidelines during the entire internship project execution.

Next I would like to **Mohammad Khorshed Alam** , chief operating officer, Zafi Digital , House #28, Road #4,Block #D, Banasree . He has been extremely supportive to me. I cannot thank enough to all the personnel of zafi digital. They have explained everything I asked for in details. Throughout time they were never impatience. They did not allow me to feel uncomfortable for even a single moment. I am really grateful to all for their supportive and friendly behavior.

ABSTRACT

The Internship Report gives a clear overview of the company in Zafi Digital Ltd, where I am doing my internship. It also mentioned details of the company's working field, work environment, services and many other technologies. The report actually highlights the skills and technologies I learned, knowledge I acquired, the projects I was assigned to the working sector. My internship activity includes the graphical interphase & frontend developers Tools and so on. I had totally involved in the activity of Coding and graphical view. The internship program is an integral component of the Bachelor of Science in the Final year project/internship course of Computer Science & Engineering, Daffodil International University. The principal cause behind this program is to provide students with valuable insights into the industry-oriented side of web-engineering. In my case, I think, the goal is successfully achieved.

TABLE OF CONTENTS

CONTESNTS	PAGE
Approval Page	ii
Declaration	iii
Acknowledgement	iv
Abstract	v
CHAPTER	
CHAPTER 1: INTRODUCTION	1
1.1 About the Project	1
1.2 The Problem Statement	1
1.3 The Purpose	1
CHAPTER 2: WORKS and BACKGROUND	2
STUDIES	
2.1 Developing the Site	2
CHAPTER 3: REQUIREMENT ANALYSIS	18
3.1 Requirement Analysis	18
3.2 Functional Requirement	18
3.3 Use Case Diagram for E-COMMERCE System	18
CHAPTER 4: DESIGN AND IMPLEMENT	20-21
4.1 Development Methodology	20
4.2 Language Technique	20
4.3 DFD Diagram	21
CHAPTER 5: TESTING AND EVALUATION	22-23
5.1 Testing	22
5.2 Testing List	22
5.2.1 Functionality Testing	22

5.2.3 Interface Testing	23
CHAPTER 6: CONCLUSION	24
Conclusion	25
Reference	26

LIST OF FIGURE

FIGURE	PAGE
Figure 2.1.1 Login	2
Figure 2.1.2 Dashboard	3
Figure 2.1.3 Dashboard Admin	3
Figure 2.1.4 Product at Admin	4
Figure 2.1.5 Profile	5
Figure 2.1.6 Customer Sign	6
Figure 2.1.7 Customer Login	7
Figure 2.1.8 Customer Order	8
Figure 2.1.2 Dashboard	
Figure 2.1.9 Customer Choose Another Order	9
Figure 2.1.10 All Product Show	10
Figure 2.1.11 Admin Show The Product Which Customer Choose	11
Figure 2.1.12 Admin Choose Pending The Order	12
Figure 2.1.13 Cash Memo	12
Figure 2.2.1 Login Page	13
Figure 2.2.2 Graphical View of Admin Dashboard	13
Figure 2.2.3 Graphical View of Admin Setting	14
Figure 2.2.4 Customer Login Registration psd	15
Figure 2.2.5 Admin at Product psd	15
Figure 2.2.6 Customer Profile psd	16

Figure 2.2.7	Homepage psd	16
Figure 2.2.8	Page List psd	17

CHAPTER 1 INTRODUCTION

1.1 About the Project

The E-Commerce site is an online-based website application for e-commerce business site. The main objective of our system is to efficiently serve the people through a fully automated system that not only saves a lot of time but also makes life easy. Reduce the cost and working procedure. This can be applied to any working field. For ordering items, giving the location of the users is mandatory. It's online-based, that's why we could order from anywhere or anytime. There is no restriction and works without hassle. Just take your order and check everything then pay your bills.

1.2 The Problem Statement

Now-a-days, our life is so busy and the important thing is that we are going to smarter day by day. So, to reduce the cost of the work, and with saving the time, the online system is most powerful nowadays to do any actions, to order any items, from anywhere. There is no need to wait for anything. You have every access of your choice. It's flexible. Go to the website, if you wish then create an account or otherwise there is no need to create an account, just select your choice, find your items, mark them, select the quantity, enter your address and wait a little bit, your ordered items are waiting in front of your door.

1.3 The Purpose

The main purpose of e-commerce sites is to save time, works without hassle. A customer can save his/her time of shopping and invest the time in another work. Our project is fully automated and not only saves time but also gives customer satisfaction. works without any kind of hassles.

CHAPTER 2 WORKS and BACKGROUND STUDIES

2.1 Developing the Site

We visit many websites but all of that could not perfectly be running in the online market or online system. we got the main idea that what kinds of lacking of the other sites and we will provide those kinds of services and we have successfully done it. Mainly in the project of the technology, I have used for designing purpose are html5, css3 and JavaScript code. Different plugins kinds of plugins uaed to enrich the design and interface.

Given some screenshot and a graphical view of those interfaces:

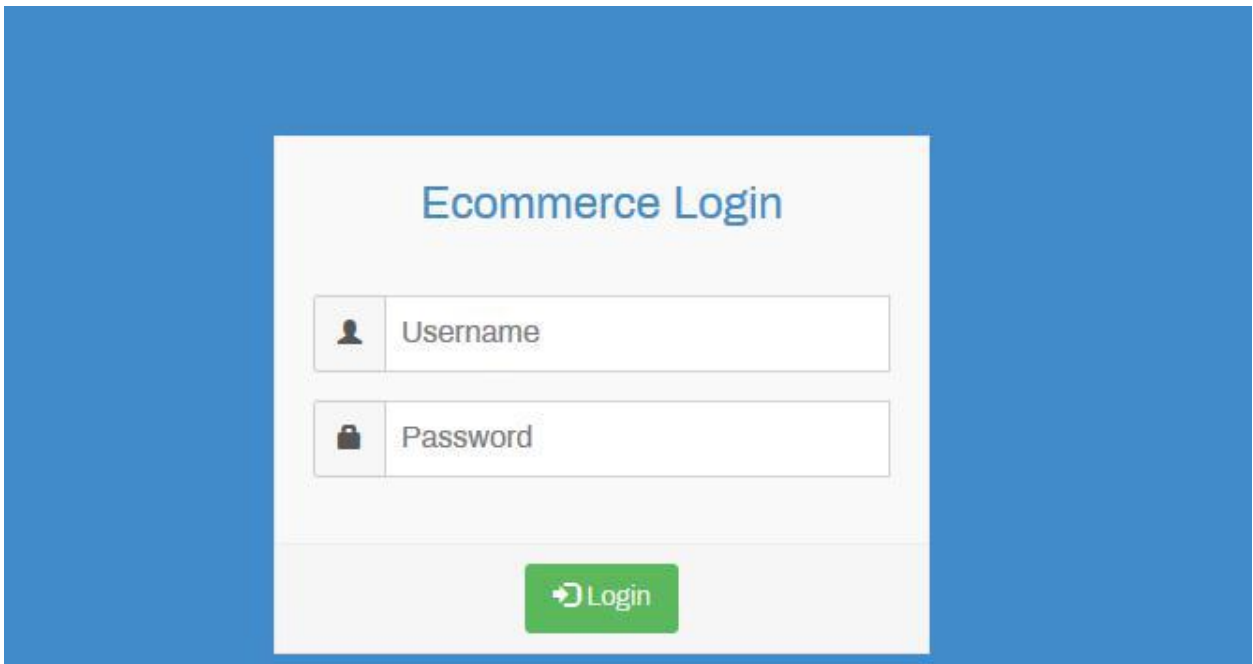


Figure:2.1.1 login

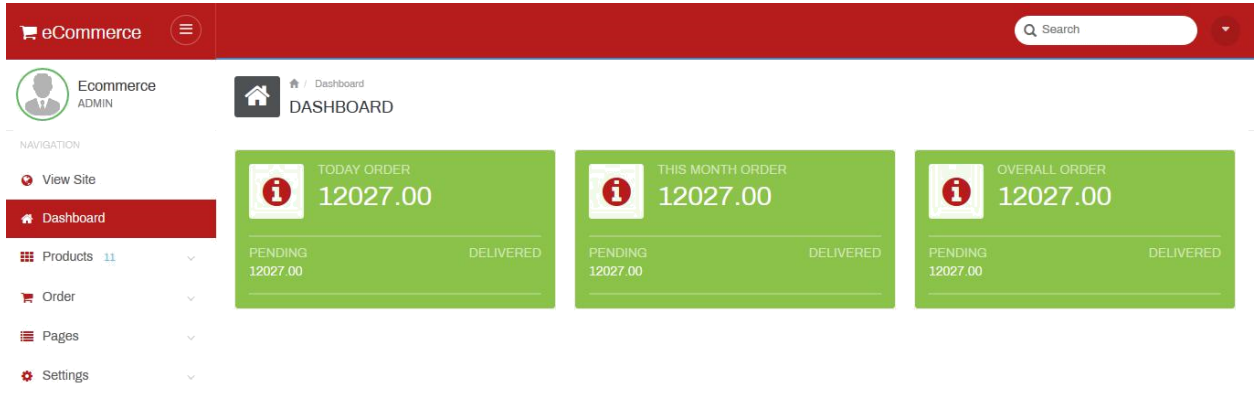


Figure:2.1.2 Dashboard

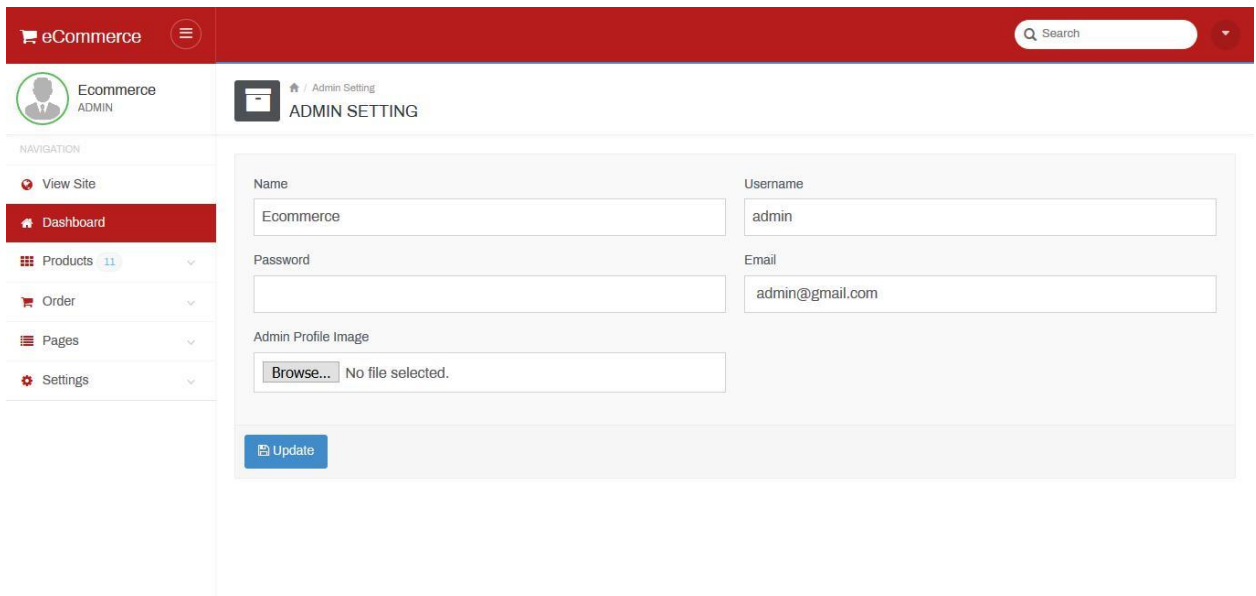


Figure:2.1.3 Dashboard Admin

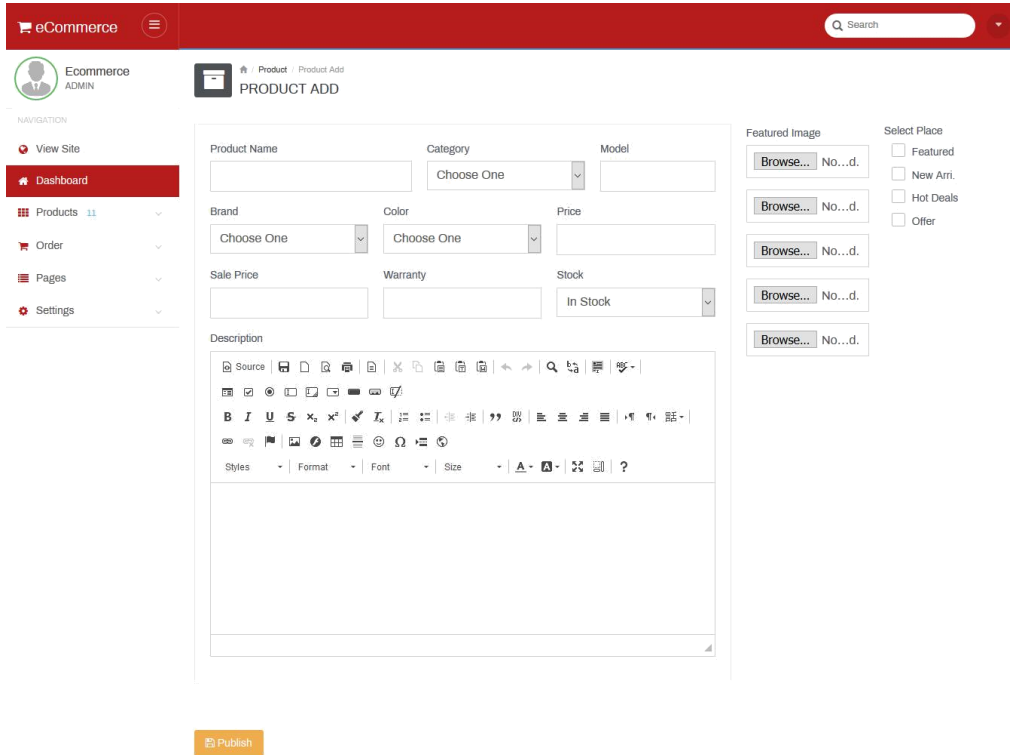


Figure:2.1.4 product Add Admin

The product add admin

The first step in designing interfaces with which to work is appealing, intuitive and simple is to get the right management model. Choose an e-commerce panel model with elements (charts, tables, templates, etc.) and user / product / category pages in the layout of e-commerce applications.

The screenshot shows an e-commerce admin interface. At the top, there's a red header with 'eCommerce' and a search bar. Below the header, a navigation menu on the left includes 'View Site', 'Dashboard' (highlighted), 'Products', 'Order', 'Pages', and 'Settings'. The main content area is titled 'SITE PROFILE' and contains a form with the following fields:

- Site Name:** Online Computer Shop
- Address:** Farmview Super Market 4th Floor 1215
- Mobile:** 01515607286
- Email:** admin@zafidigital.com
- Fb Link:** https://www.facebook.com/
- Youtube Link:** https://www.youtube.com
- Twitter Link:** (empty)
- Instagram Link:** (empty)
- Logo:** Browse... No file selected.
- Mobile1:** 01515607286
- Mobile2:** 01515607286
- Mobile3:** 01515607286
- Mobile4:** 01515607286
- Contact Number for Contact:** 01515607286

An 'Update' button is located at the bottom left of the form area.

Figure:2.1.5 :Profile

The dashboard

It is crucial that e-commerce companies prosper in their perception of their customers ' buying patterns as that directly affects customer acquisition strategy. At a high level, developers need to balance revenue, marketing costs and a smooth user experience.

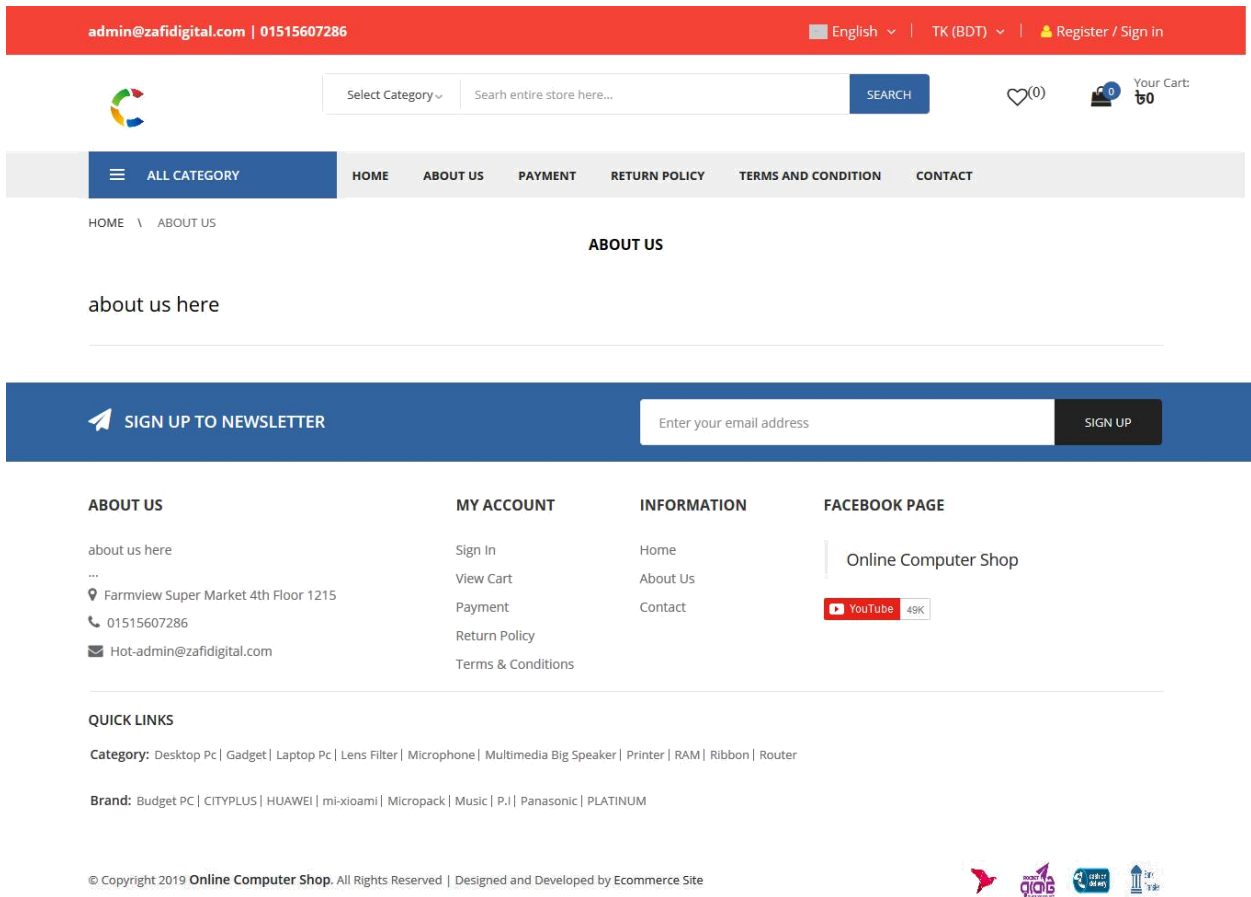


Figure:2.1.6 Customer sign

The customer sign

It helps the consumer to create meaningful relationships. Registered accounts allow clients to leave reviews and engage more closely with the brand group. This connection is crucial for the delivery of items, changed payments and promotions to the customer.

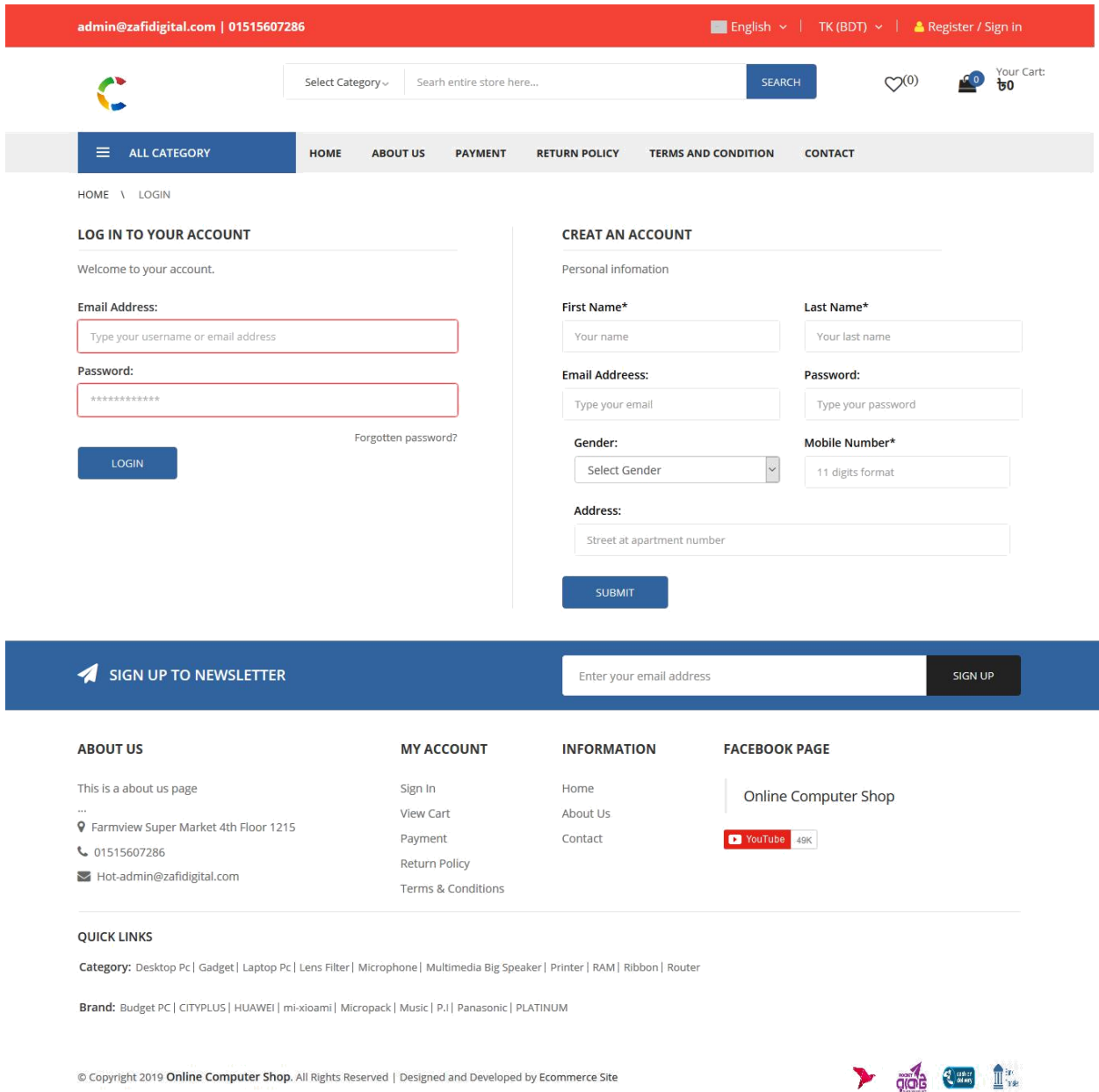


Figure:2.1.7 customer Login

The customer login

customer has added products to your list, clicked on them to check out the following page, so what should they see Nevertheless, the customer's E-mail address has to be collected to validate the order as well as the name and address for the shipmen

admin@zafidigital.com | 01515607286 English TK (BDT) Asif Ahmed Logout

Select Category Search entire store here... SEARCH Your Cart: ₳950

HOME ABOUT US PAYMENT RETURN POLICY TERMS AND CONDITION ORDER(1) CONTACT

HOME \ PROFILE







Customer Name: Asif Ahmed
 Gender: Male
 Email: asif@gmail.com
 Mobile: 01345682936
 Address: Dhaka

ORDER SUMMARY

Pending Order:	1
Delivered Order:	0
Total:	₳12027.00

Change Profile Change Password

YOU MAY BE ALSO INTERESTED

 <p>Portable Party Speaker ₳4500.00 ₳5000.00</p>	 <p>TS COMPUTER GLASSES ₳1677.00 ₳2200.00</p>	 <p>Portable Party Speaker ₳4800.00 ₳5200.00</p>	 <p>HUAWEI MOBILE WIFI ₳4500.00 ₳5000.00</p>	 <p>Cityplus ₳350.00 ₳400.00</p>	 <p>OFFER PC-2 ₳10000.00 ₳15000.00</p>
---	--	---	--	---	---

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ABOUT US
 about us here
 Farmview Super Market 4th Floor 1215
 01515607286
 Hot-admin@zafidigital.com

MY ACCOUNT
 Sign In
 View Cart
 Payment
 Return Policy
 Terms & Conditions

INFORMATION
 Home
 About Us
 Contact

FACEBOOK PAGE
 Online Computer Shop
 YouTube 49K

QUICK LINKS
 Category: Desktop Pc | Gadget | Laptop Pc | Lens Filter | Microphone | Multimedia Big Speaker | Printer | RAM | Ribbon | Router
 Brand: Budget PC | CITYPLUS | HUAWEI | mi-xiaomi | Micropack | Music | P.I | Panasonic | PLATINUM

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Figure:2.1.8 customer Order

Your Cart: **₳950**

ALL CATEGORY
HOME
ABOUT US
PAYMENT
RETURN POLICY
TERMS AND CONDITION
ORDER(1)
CONTACT

Product Name	Unit Price	Qty	SubTotal	
EARPHONE	450	1 + -	₳450	✕
CITYPLUS	500	1 + -	₳500	✕

ORDER SUMMARY

Subtotal: **₳950**
 Shipping: **Free Shipping**

Total: ₳950

CHECK OUT

YOU MAY BE ALSO INTERESTED

Portable Party Speaker
₳4,500 ₳5,000

Cityplus
₳350 ₳400

CITYPLUS
₳500 ₳250

EARPHONE
₳450 ₳500

HUAWEI MOBILE WIFI
₳4,500 ₳5,000

Electronic Calculator
₳500 ₳250

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 ...
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 01515607286
 Hot-admin@zafidigital.com

MY ACCOUNT

Sign In
 View Cart
 Payment
 Return Policy
 Terms & Conditions

INFORMATION

Home
 About Us
 Contact

FACEBOOK PAGE

Online Computer Shop



QUICK LINKS

Category: Desktop Pc | Gadget | Laptop Pc | Lens Filter | Microphone | Multimedia Big Speaker | Printer | RAM | Ribbon | Router

Brand: Budget PC | CITYPLUS | HUAWEI | mi-xiaomi | Micropack | Music | P.J | Panasonic | PLATINUM




Figure:2.1.9 Customer Choose another order


admin@hudaigital.com | 01515607286 English TK (BDT) Register / Sign in

Select Category Search product name here...

[ALL CATEGORY](#) [HOME](#) [ABOUT US](#) [PAYMENT](#) [RETURN POLICY](#) [TERMS AND CONDITION](#) [CONTACT](#)





TURN POLICY
[SHOP NOW](#)





Desktop 1
[SHOP NOW](#)


TOP CATEGORIES


ROUTER



DESKTOP PC


SPEAKER


LAPTOP PC













LENS FILTER


<http://localhost:ecommerce2/>



PRODUCTS [Featured Products](#) [Hot Deals](#) [Recommended Products](#)







NEW ARRIVAL

 TS COMPUTER GLASSES \$1,677 \$3,000 Budget <input type="button" value="ADD TO CART"/>	 Portable Party Speaker \$4,000 \$6,000 Budget Multimedia Big Speaker <input type="button" value="ADD TO CART"/>	 Portable Party Speaker \$4,000 \$6,000 Budget Multimedia Big Speaker <input type="button" value="ADD TO CART"/>	
 Portable Party Speaker \$4,000 \$6,000 Budget Multimedia Big Speaker <input type="button" value="ADD TO CART"/>	 SMARTPHONE \$450 \$600 Budget Smartphone <input type="button" value="ADD TO CART"/>	 HUAWEI MOBILE WiFi \$450 \$600 Budget Router <input type="button" value="ADD TO CART"/>	
 DESKTOP PC \$10,000 \$15,000 Budget Desktop PC <input type="button" value="ADD TO CART"/>	 Portable Party Speaker \$4,500 \$6,500 Budget Multimedia Big Speaker <input type="button" value="ADD TO CART"/>	 Electronic Calculator \$500 \$700 Budget <input type="button" value="ADD TO CART"/>	
 CITIZENUS \$500 \$700 Budget <input type="button" value="ADD TO CART"/>	 CITIZENUS \$350 \$500 Budget <input type="button" value="ADD TO CART"/>		




[SHOP NOW](#)

OFFER

SIGN UP TO NEWSLETTER

<p>ABOUT US</p> <p>about us here:</p> <p>📍 Farmview Super Market 5th Floor 5215</p> <p>☎ 01515607286</p> <p>✉ info-admin@hudaigital.com</p>	<p>MY ACCOUNT</p> <p>Sign in</p> <p>View Cart</p> <p>Payment</p> <p>Return Policy</p> <p>Terms & Conditions</p>	<p>INFORMATION</p> <p>Home</p> <p>ABOUT US</p> <p>Contact</p>	<p>FACEBOOK PAGE</p> <p>Online Computer Shop</p> <p> Like</p>
---	--	--	---

QUICK LINKS

Category: [desktop PC](#) | [Budget](#) | [Laptop PC](#) | [Lens Filter](#) | [Microphone](#) | [Multimedia Big Speaker](#) | [Printer](#) | [RAM](#) | [Monitor](#) | [Router](#)

Brand: [budget PC](#) | [CITIZENUS](#) | [HUAWEI](#) | [msi](#) | [asus](#) | [microsoft](#) | [music](#) | [msi](#) | [sonasemic](#) | [MULTIMEDIA](#)

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Figure:2.1.10 all product show

eCommerce ☰ Q Search

 Ecommerce ADMIN

 Page Archive
PAGE ARCHIVE

NAVIGATION

-  View Site
-  Dashboard**
-  Products 11
-  Order
-  Pages
-  Settings




























#	PAGE TITLE	TYPE	DECRPTION	IMAGE	ACTION
1	About Us	page			
2	Ad1	page	sdf		
3	Ad2 Canon Ink Tank All in One Printer	page	Canon Ink T...		
4	Ad3	slider	sdfsdf		 
5	Ad4	page	sdfsdf		
6	Ad5	page	sdfsdf		
7	Contact Us	page	...		
8	CONTACT US1	page	RONY016101...		
9	Offer Laptop	slider	20000/-<...		 
10	Payment	page			
11	Return Policy	slider			 
12	Terms and Condition	page			

Figure:2.1.11 Admin show the product which customer choose

The customer login

Harness technology and merge two unheard-of goods. Search for online forums in niche to discover and resolve the greatest grip within a certain group. Another way to look at an old problem through fresh eyes is by using past experience in an environment to develop a new way to approach one of its pain points.

eCommerce ☰ Q Search

Ecommerce ADMIN

Order Pending
ORDER PENDING

NAVIGATION

- View Site
- Dashboard**
- Products 11
- Order
- Pages
- Settings

#	CUSTOMER ID	CUSTOMER NAME	QUANTITY	TOTAL AMOUNT	STATUS	ACTION
1	000001	Asif Ahmed	3	12027.00	Pending	View Change Delete

Figure:2.1.12 admin choose pending the order

Online Computer Shop
Farmview Super Market 4th Floor 1215

Order Confirmation

Order Details

Order ID : 000001 Order Date : 10:56:55AM; 24-11-2019
 Customer Name : Asaduzzaman Asif Payment Method : Bkash
 Transaction Mobile : 016565465445 Transaction No : 3456789456789
 Order_billingaddress : Dhaka Order Status : Pending

SL	Product ID	Product Name	Price	Quantity	Total	Status
1	642	TS COMPUTER GLASSES	1677.00	1	1677.00	Pending
2	629	Portable Party Speaker	4500.00	2	9000.00	Pending
3	638	EARPHONE	450.00	3	1350.00	Pending

Thanks For Your Order

Powered By: Online Computer Shop | 01515607285

Figure:2.1.13 cash memo

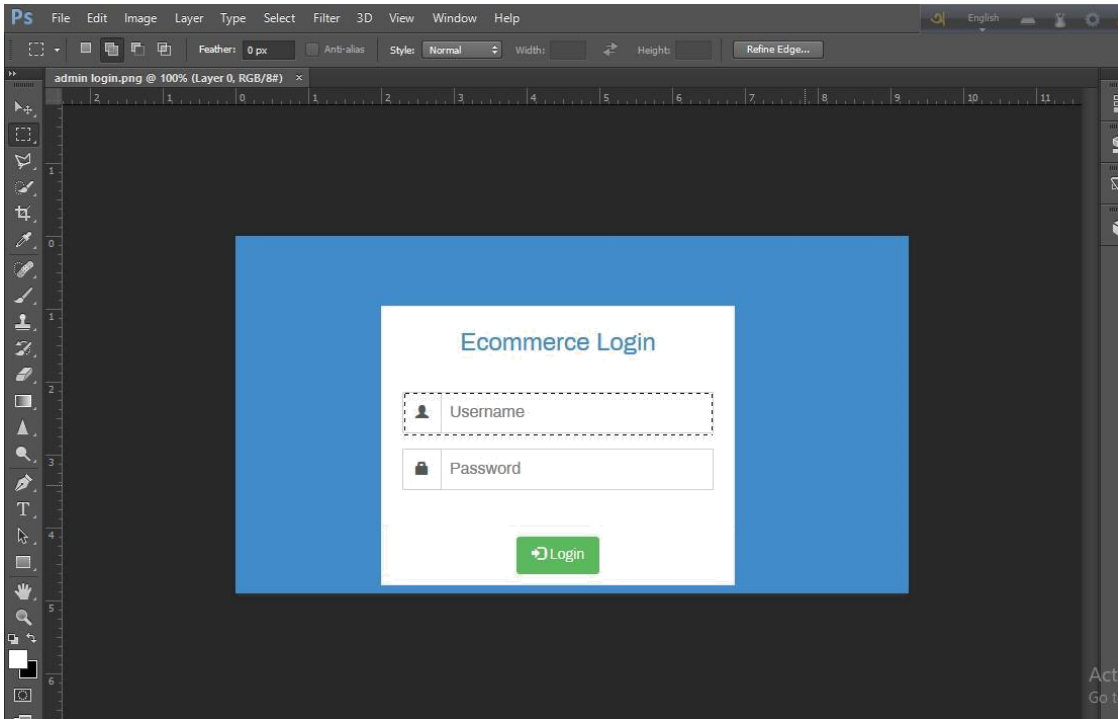


Figure 2.2.1 login page

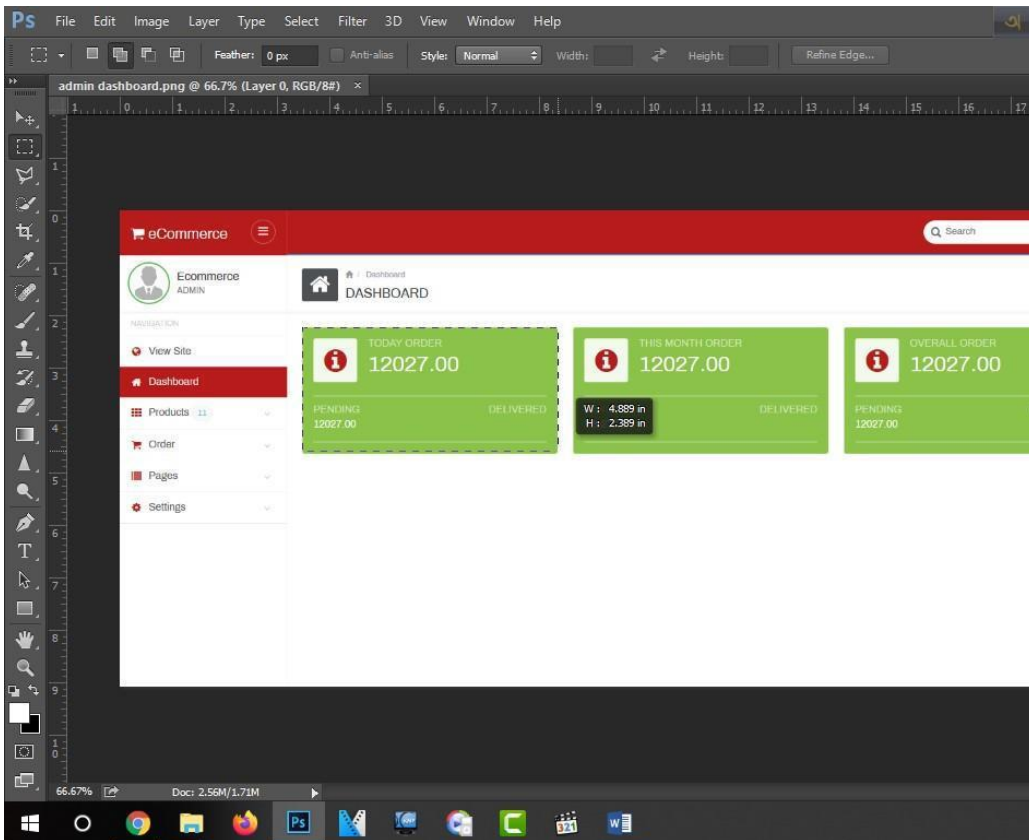
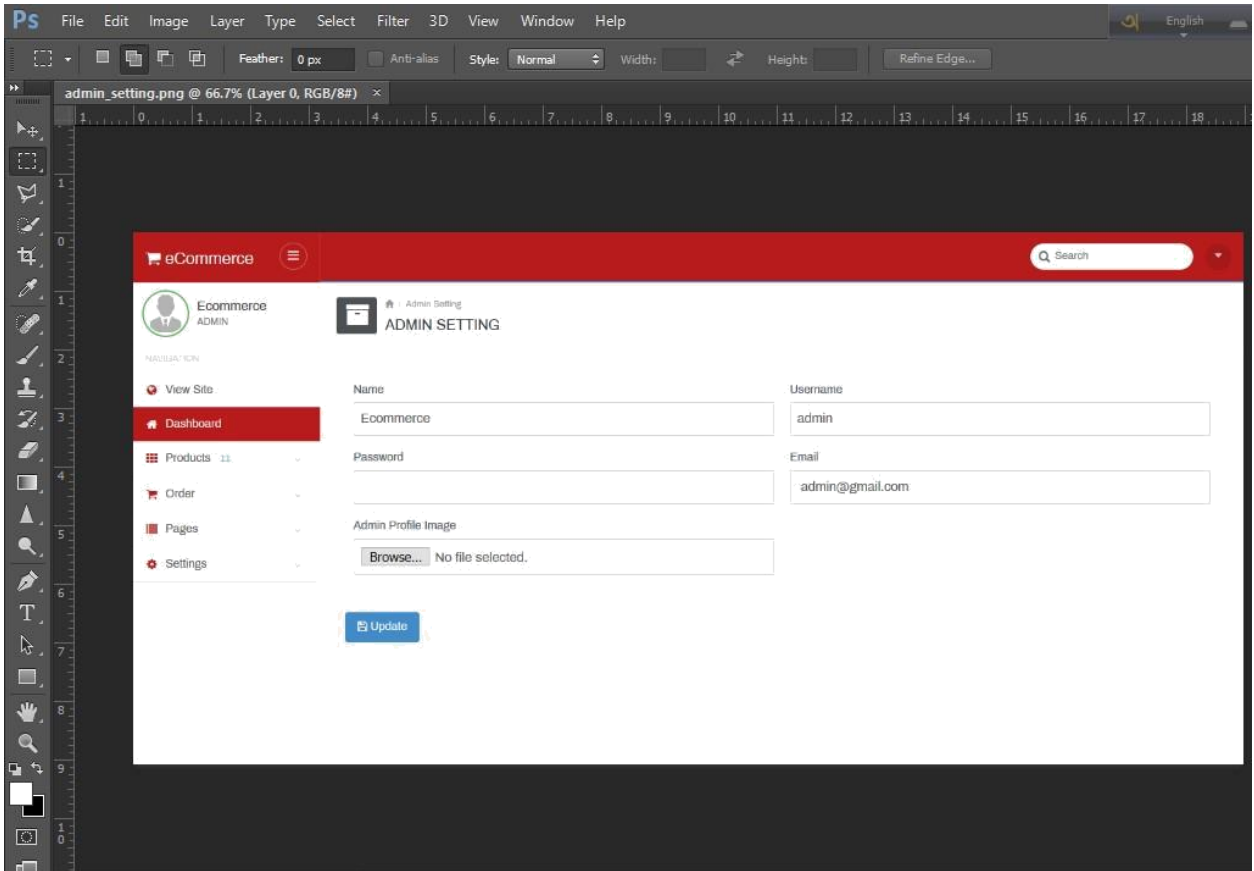


Figure 2.2.2: graphical view of admin Dashboard



Figuer 2.2.3: Graphical view of admin setting

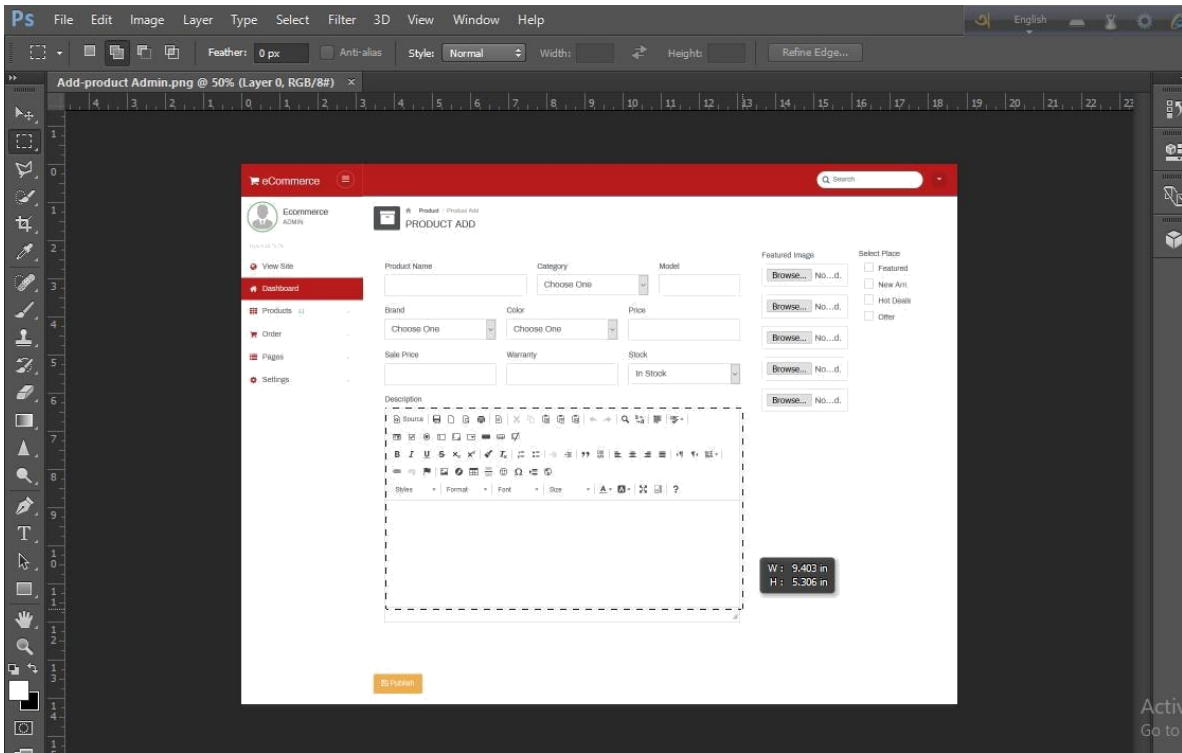


Figure 2.2.4: customer login- registration psd

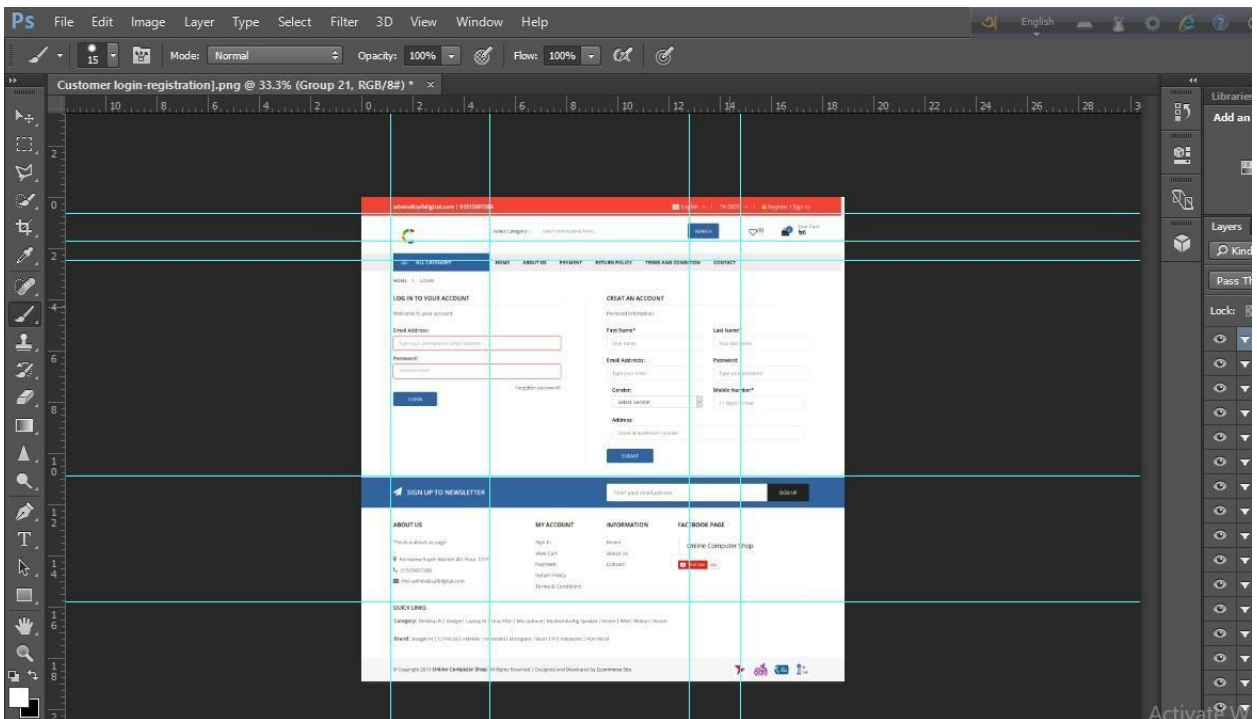


Figure 2.2.5: admin add product psd

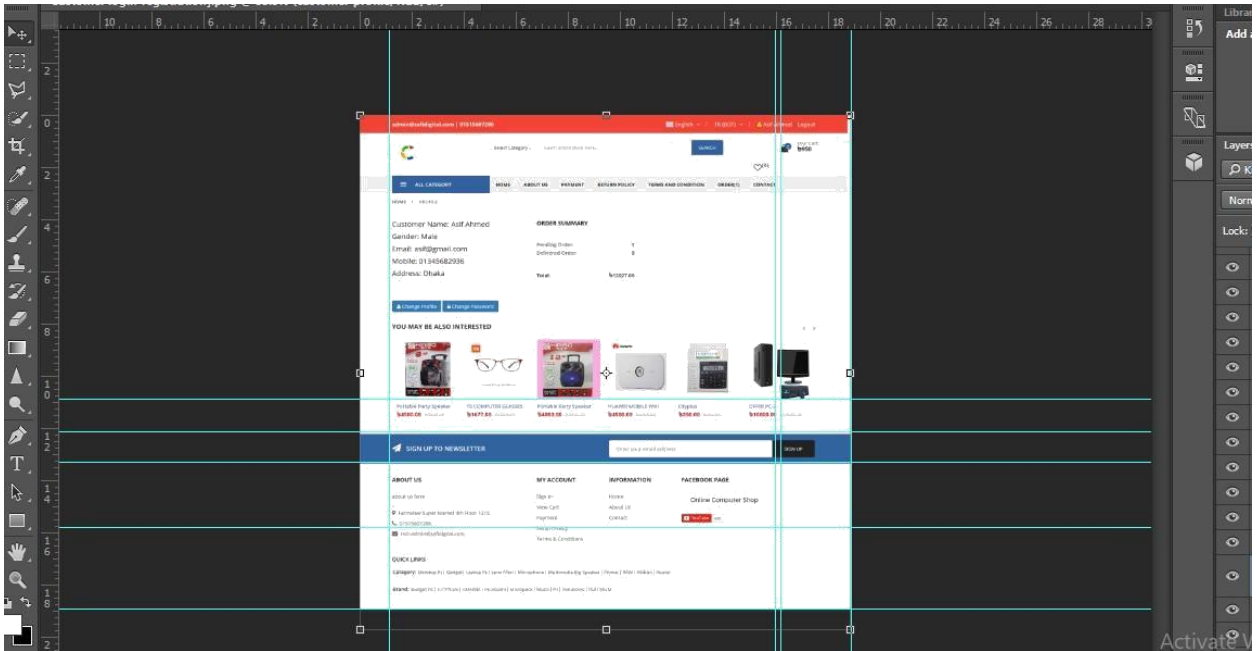


Figure 2.2.6: customer profile psd

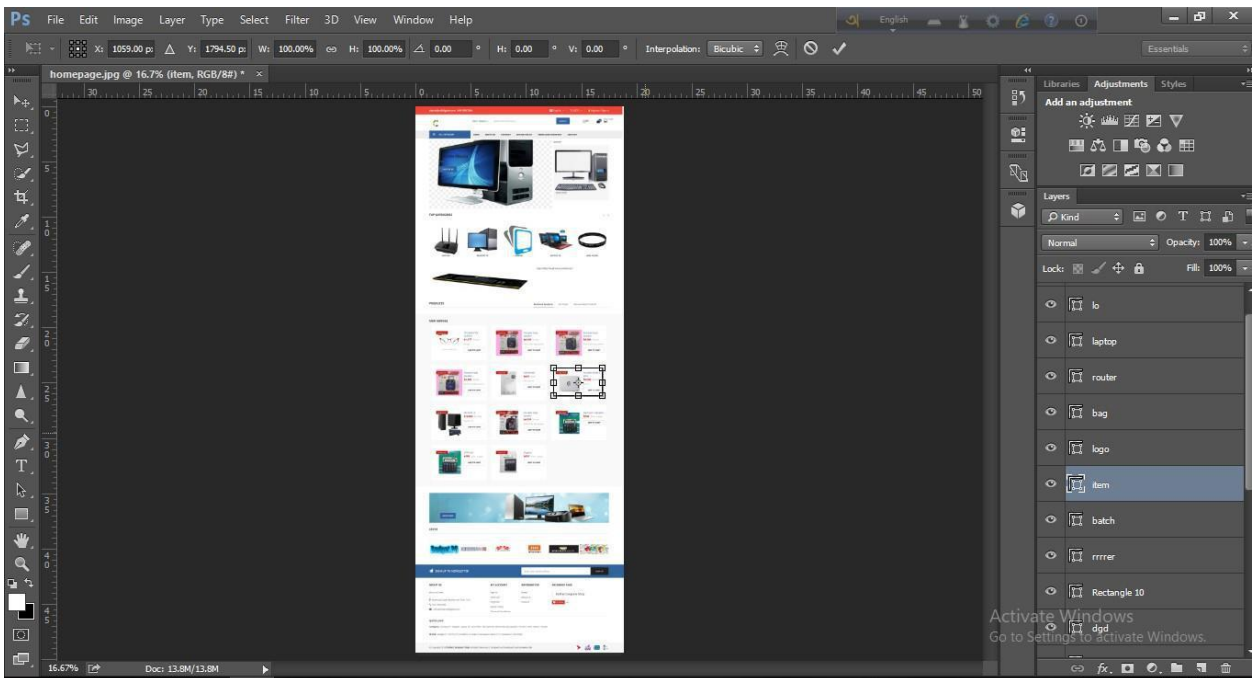


Figure 2.2.7: homepage psd

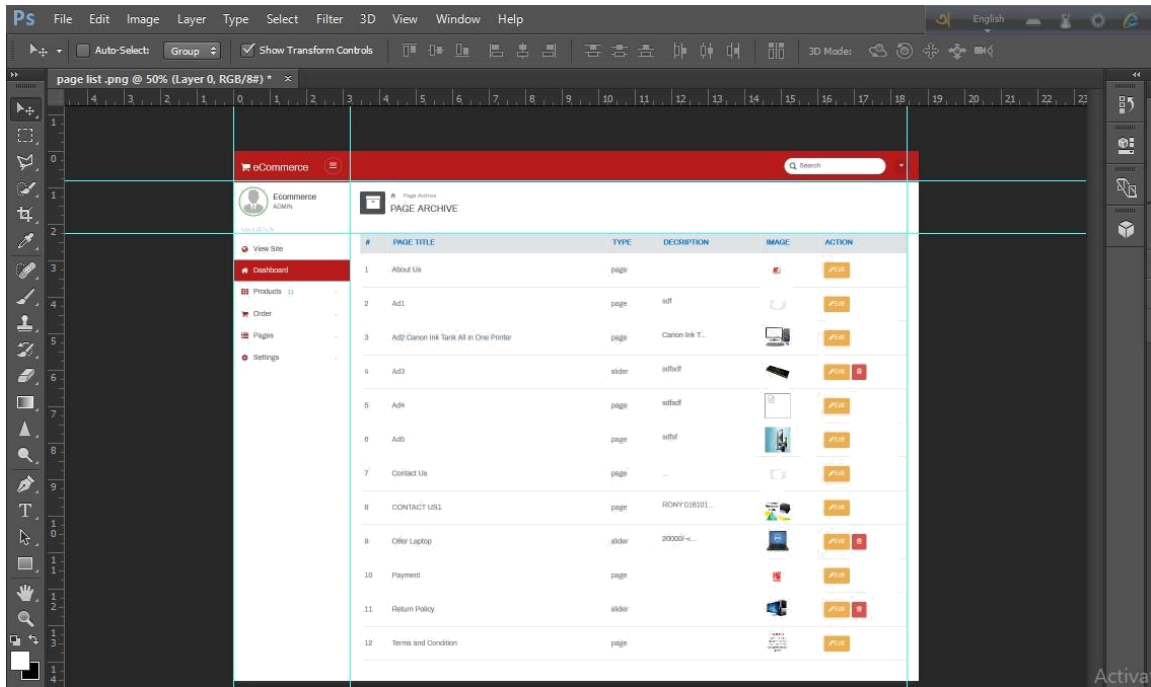


Figure 2.2.8: page list psd

CHAPTER 3 REQUIREMENT ANALYSIS

3.1 Requirement Analysis

Requirement analysis is a very essential process for any kind of front end development project. It can be architectural & graphical interphase. The project has to need some requirements to make the project run.

3.2 Functional Requirement

- 1.Registration page and login option
2. Automatic selected the item price
- 3.Authorize the user & works friendly
- 4.Security for both side clients

3.3 Use case diagram for E-COMMERCE system

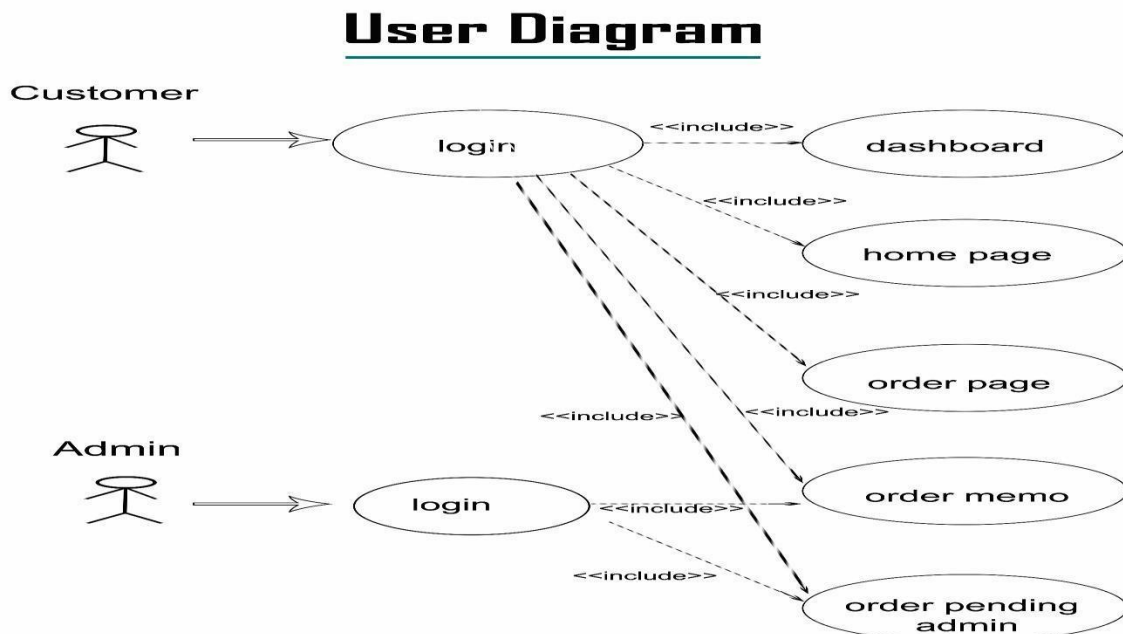


Figure 3.3.1: Use Case Diagram of E-Commerce Website

Description

The limit of the system which determines the scope of the system in accordance with its real world.

Case actors of use are system involvement individuals or users. The functions and actions of each actor in the process are different.

Use cases shall set out the situations or potential results that actors in the process will conduct. The relationships between the actors and the uses reflect possible scenarios and outcomes, demonstrating how the system works in accordance with various scenarios and actors

List of the all use cases are:

- Registration
- Login
- Add to Cart
- List the Items
- Order Item
- Order page
- Order memo

Registration Use Case

Use Case Name	Registration
Primary Actor	customer
Description	Registration the System
Precondition	Users fill up all required field
Post condition	Users are Registered

Login Use Case

Use Case Name	Login
Primary Actor	Admin
Description	Login into the System
Precondition	All authorized, the user name and password and verified
Post condition	System accepts the User

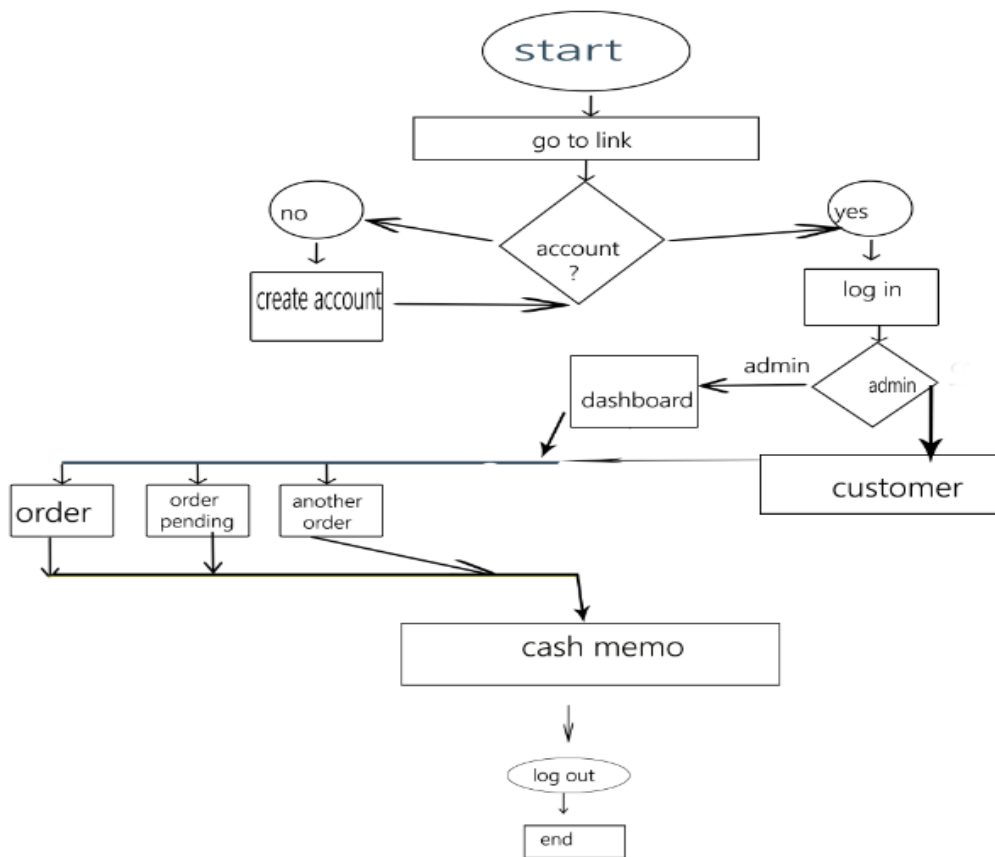


Figure 3.3.2: Flow Diagram of E-Commerce Website

Flow description

Consumer places an order in your eCommerce system. Details are removed from the eCommerce system and the order is put into your warehouse to be processed. If a client places an order in your eCommerce network, it must collect and place the specifics of the order in your company code. The handling of information in a purchase order will hinder the intended objectives of companies. Data entry errors can surface, employee efficiency is reduced and order processing costs increase

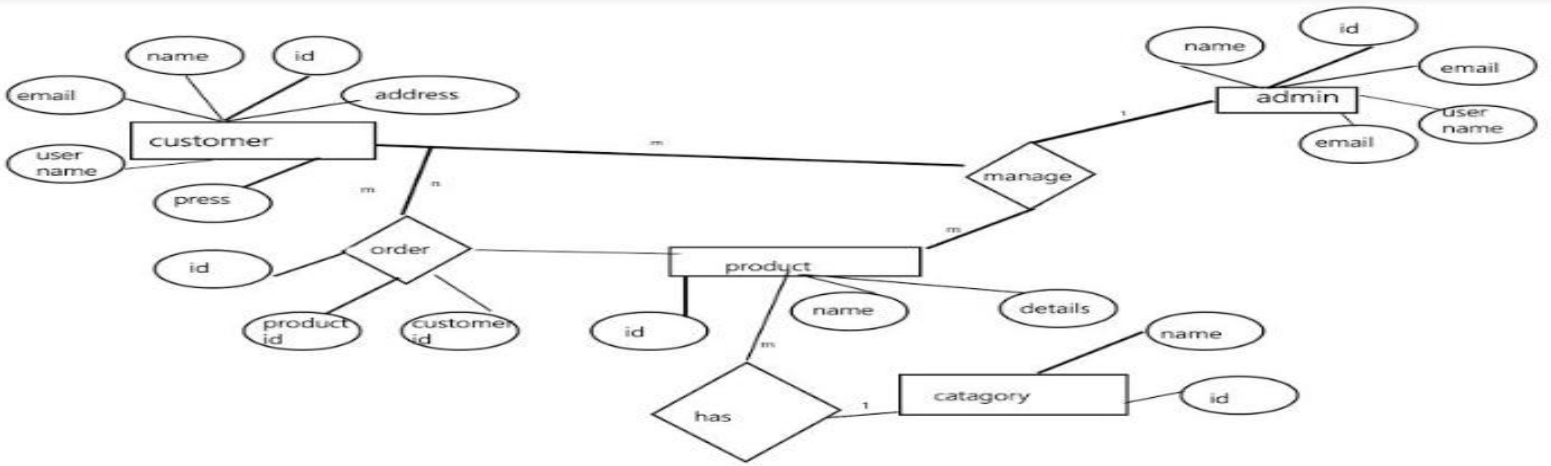


Figure 3.3.3: ER Diagram of E-Commerce Website

ER Diagram description

It is now easy to design the device physically after completing the system design stage so that it is workable according to the specification in the functional environment.

Admin –Product (One-Many-Relationship)

Product–Sales (One-Many-Related)

Customer –Sales (One - to-One)

Sale–Delivery (One-to - One Relationships).

CHAPTER 4

DESIGN AND IMPLEMENT

4.1 Development Methodology

The development methodology is a discipline of planning to achieve the goal. For the development of this application, I used in the agile method.

There are some stages for our project development. These are given below:

- ✓ Planning and Design
- ✓ Execution and Construction
- ✓ Monitoring and Controlling System

4.2 Language and Technique

Tools that have been used in developing our application are listed below:

Software Tools

1. Local Server
2. Database Server
3. IDE

Languages

- HTML5
- CSS3
- and Bootstrap
- PHP

4.3 DFD Diagram

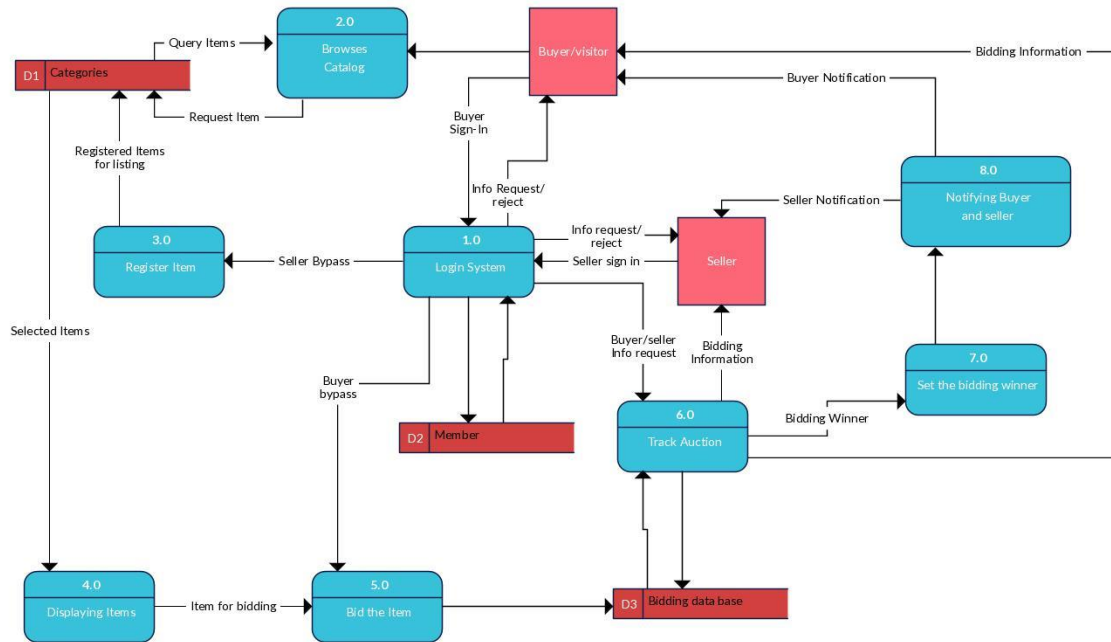


Figure 4.3.1: Use Case Diagram

DFD Description

Data Flow Diagram is a computational and graphical analysis technique designed to identify the sources outside of the system, data recipients, logical processes, data flows, and accessible data storage systems. Its allow for the identification of relationships between the various components of the system and are useful in the analysis of business and information systems. They are useful for high-level system modeling of details to show how data are converted via functional transformations to output results.

CHAPTER 5

TESTING AND EVALUATION

5.1 Testing

The method a simple term to check web applications for finding the bugs. After finding bugs we usually apply some testing methods to solve the bugs. In my project follow some testing rules.

5.2 Testing List

1. User Interface Testing
2. Database Testing
3. Compatibility Testing
4. Interface Testing
5. Performance Testing
6. Functionality testing

5.2.1 Functionality Testing

Functionality testing is used for checking all of the links of the following web pages, from testing, cookie testing, and database connection.

Test Forms are working as probable. That will include-

- ✓ Populated default values are being checked.
- ✓ It will check if a user submitted its information into the database.

Test Cookies are working as expected. All of the small file that keeps data from active user that's why you don't need to log frequently.

- ✓ When store cache is deleted cookies are also deleted from the browser.

Test HTML and CSS

1. To Check the syntax error
2. Read all of the Colorful Schemas

3. Checking the standard compliance such as W3C, OASIS.

5.2.3 Interface Testing

Interface testing check the proper interaction with user input values and database server.

This method confirms that it doesn't show any kind of error message.

There are three types of interface testing:

- ✓ **Application:** If the request is sent properly to the database server then the user gets the proper result. We do not want to get a proper result if we sent the wrong information.
- ✓ **Web Server:** Manage all application requests short of any service rejection.
- ✓ **Database server:** Queries are requested to the database and then show the exact output.

Chapter 6

FUTURE EXPECTATION ABOUT THE E-COMMERCE

The retail world is experiencing extreme changes, with technological development and new trends most of the driving features. The new business model which affects business activities, consumer behavior as well as changing consumer expectations should also be taken into account by a successful retailer. This article would really help any effective retailer to gain great knowledge and evolving consumer expectations with important consequences for both retailers and customers.

The Internet is crushing shops

Today, it is important to have an online presence for all retailers. Nonetheless, even today a fruitful, best retail outlet without online proximity is difficult to locate. It is predicted that in future years people will ask your reality if you have no online entry, the online retail is reliant on winning customers to consider. Nonetheless, most of the offline businesses offer customers the most options and products online. The creation of an online gateway for the two buyers and vendors is much less demanding, less complex, gradually beneficial. In future decades, the online age is likely to be

Messaging e-commerce

While information e-commerce is one of the incredible devices that lead to impressive deals including people who are inclined towards products to be increasingly opened and humane, information is a critical tool for e-commerce. A seller will individually send a message about sales, special offers, a number of personal products based on customer preferences and older purchases. This is one of the effective ways in which this method is applied to and becomes as private as possible for your company.

Conclusion

The completely prioritize their families all over because they know how important family member is. So we will make sure that your family is with you and we will care of your every need. When you order online and visit us in online, your time & money will save everything. Our application will generate more employment, physical work will greatly reduce for you, no need to forget about anything or any product, will save time. I developed the application. Because many other problems which we have tried to solve with one of ours.

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