"AN E-COMMERCE SYSTEM FOR SUPER SHOP MANAGEMENT"

BY

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

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DAFFODIL INTERNATIONAL UNIVERSITY

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APPROVAL

This Project/internship titled **"An E-commerce System for Super Shop Management"**, submitted **by Md Sadiqur Rahman , ID No : 191-15-2770** and **Progga Parmita Karmokar , ID No : 191-15-2550** 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 01 February 2023.

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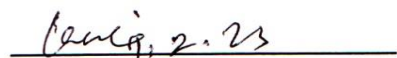
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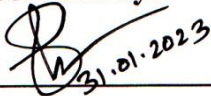Jahangirnagar University

DECLARATION

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

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Finally, we must acknowledge with due respect the constant support and patients of our parents.

ABSTRACT

The World Wide Web was first used in 1990, and this caused a huge explosion in the development of web applications. The development of static HTML pages into dynamic, sophisticated business applications. The Internet has created a new paradigm for communication and commerce, especially electronic commerce (web based business). Web-based business refers to the use of the Internet for the promotion, establishment, installation, and delivery of goods and businesses.There is no shortage of top-down research showing us how enormous, rapidly growing, and seemingly unstoppable the e-commerce market is. Ecommerce is the primary trillion-dollar business growing at a twofold digit clip each year, according to publications like "e Marketer." Furthermore, there is still a lot of room for growth for e-commerce because, according to the US Census Bureau, only 7% of retail transactions are completed online.In this project, we used a contemporary web development framework to design a dynamic e-commerce website and also set it up on a live server for potential future testing and development. This can enable us to manage the inventory system, sophisticated shopping cart system, user administration system, purchase various products using an online payment gateway, and many other dynamic functionalities. We did a lot of study on existing Ecommerce web applications and businesses while developing this project. This enable us to create and put into practice a dynamic web application for supershop management system and its commercial components developme.

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CHAPTER 1

INTRODUCTION

1.1 Background

There are so many different points in our lives where the Internet has entered. Fact is one of the most important areas of daily life where it has a big impact. The intersection of business and information technology is taking place in online business. It is a strategy or part of a larger strategy that gives a business or person the ability to run their business over an electronic system, usually the internet.

A relevant online business procedure is the path to long-term survival for any business in this virtual age. Shopping isn't the only thing that can now be done online in this day and age. No longer is having a business website a way to gain an advantage. Given that so many customers are now doing business online, this is an essential business fundamental. [5]

As a widely accepted and utilized business model, internet-based businesses are rapidly expanding. More business owners are incorporating online exchange and web-based business functionality into their websites. Therefore, it is not difficult to assert that in a few years, the web will become the standard for purchasing any product or service.

We have already developed a number of multimedia-based projects, including games, graphics design, and 3D animation, as a student in the multimedia and creative technology department. Multimedia includes also web development.

Expanding a modern, dynamic e-commerce internet software as an online or digital store on the internet is the objective of this project. Unique product varieties can now be sold from the comfort of your own home via the internet.

1.1 Motivation

A little more than 15% of the population has some kind of disability. If we develop applications or websites that adhere to web standards, everyone can be a part of the advanced world.

According to a current report from User Study and Experience Research Hub (Userhub), there isn't a single business website in Bangladesh that adheres to widely accepted web standards. The group of experts who led the examination, which focused on HTML and CSS approval as well as the prevalence of Accessibility Errors, Accessibility Alerts, and Contrast Errors. The web-based business Association of Bangladesh (e-CAB) has recorded 174 dynamic internet business destinations for this test. The experts used W3C-approved tools and randomly selected three pages from each website to test for the aforementioned issues.

The findings of the investigation demonstrated that there were no single online business locations in Bangladesh that were free of errors and alerts. Openness errors were 60.57 percent common, HTML errors were 49.52 percent common, and CSS errors were 27.16 percent common. [8] We were motivated to take the initiative by related news of this kind.

A web-based business website must adhere to the W3C's web gauges, which guarantee the nature of a website or application's code, in order to provide a user-friendly experience.

In Bangladesh, many owners of small and medium-sized businesses are unaware of e-commerce websites. This may assist them in expanding their business. Additionally, it requires upkeep, security updates, and numerous additional functions. Our goal is to develop an e-commerce platform or application that is safe, simple to set up, and free of errors so that business owners can easily sell their products online.

1.2 Objectives

The objectives of the project are to:

- o Develop and testing a dynamic e-commerce web application with more user friendly functionality.
- o This could assist to shop for, sell products or items online the usage of internet connection. Enables consumers to shop or do other transactions 24 hours a day, all year round from almost any location.
- o This could assist to shop for, sell products or items online the usage of internet connection. Enables consumers to shop or do other transactions 24 hours a day, all year round from almost any location.
- o Research and analysis of existing ecommerce applications and business models to develop a better ecommerce solution.

1.3 Expected Outcome

The primary goal of this project is to alter the conventional definition of shopping. It is most likely that this project will have a positive impact on our busy lives by saving us time and energy.

You can get exact information about the product's details and price from anywhere, including your office or home. You can buy and sell anything from anywhere in the world. Anytime, even during a holiday, you can buy and sell products. Take advantage of the reduced cost to sell the product. Utilize search to quickly locate the necessary products. The buyer and seller can use the online payment system to pay and receive their bills. There is no need to gather in person to sell or buy products.

CHAPTER 2
BACKGROUND

2.1 Introduction

The Day to day Internet shopping is PHP based application the application empowers to purchase any item at anyplace. Here you can purchase the item for your need. This is a summary of Daily Online Shopping; there are numerous features that are not currently included. The Daily Online Shopping, like Amazon and eBay, will soon be available. The modern online life makes it simpler and more dependable for consumers to shop online.

2.2 History of Ecommerce

The history of online business began 40 years ago and continues to evolve with new technological advancements, innovations, and the influx of new businesses into the online market each year. In the 1970s, mail-order shopping and electronic data interchange prepared the way for the modern internet business store. The historical context of the web and online business are almost inextricably linked. When the internet was made available to the general public in 1991, it was only then that online shopping became a possibility.

Michael Aldrich invented and pioneered online shopping in 1979 in the United Kingdom. Through a phone line, he connected a modified local TV to an ongoing multi-client exchange management PC. The business-to-business frameworks offered by the framework were primarily sold in the UK, Ireland, and Spain beginning in 1980. Book Stacks Unlimited, an online book store founded by Charles M. Stack in 1992, was one of the most punctual customer shopping experiences. Two years before Jeff Bezos founded Amazon, Stack's store began as a dial-up release board. Book Stacks Unlimited became Books.com in 1994 and was eventually purchased by Barnes & Noble.

According to a few reports, marijuana was the most important online transaction in 1972, when students at Stanford sold it to students at MIT using the Arpanet account in their artificial

intelligence lab. In any case, exactly 22 years later, the Internet's first online shopping exchange took place. The deal between two Sting CD companions was documented in the August 12, 1994, issue of the New York Times in the feature titled "The Internet is Open." According to The Times, "The team of young cyberspace entrepreneurs celebrated what appeared to be the first online retail transaction using a readily available version of powerful data encryption software designed to guarantee privacy." [4]

As one of the first online businesses to implement a partner marketing strategy, Amazon now receives approximately 40% of its sales from associates and outside vendors who list and sell products on the site. With twentieth Century Fox, Amazon entered the film in 2008 and is currently supporting "The Stolen Child." [1]

According to a 2008 study, Amazon.com consistently attracted approximately 615 million customers. The audit framework, which allows visitors to present their reviews and rate any item on a scale of one to five stars, is the site's most well-known feature. Additionally, Amazon.com's advanced search facility, which enables visitors to search for keywords throughout the entirety of the database's numerous books, is outstanding.

2.3 Different types of E-commerce

E-trade transactions take place between two sides of the same exchange. This transaction may involve a customer, a company, an internal party, or the administration. B2C e-commerce refers to business-to-business transactions, while B2B e-commerce refers to business-to-business transactions. E-commerce between businesses and government is referred to as B2G and C2C, respectively, for the same reason. [11]

The following table is a quick demonstration of different types of existed E-commerce/E-businesses.
- o Not easy to classify
- o Many real models fall into multiple categories

TABLE 2.1: EXAMPLE OF DIFFERENT TYPE OF THE E-COMMERCE

B2B	**B2C**

Business to Business
   o PayPal (and B2C, B2B2C)
   o Optize (and B2C)
   o Alibaba Group
	Business to consumer
	   o Amazon
	   o FreshDirect
	   o Zynga (and C2C)

C2B	**C2C**

Consumer to Business
   o ZonZoo
   o Fotolia
   o Google Adsense
	Consumer to Consumer
	   o Prosper (P2P)
	   o eBay
	   o Facebook

G2B	**G2G**

Government to Business
   o E-Government
   o AEPM
   o Certificado Digital
	Government to Government
	   o Government Gateway
	   o Schengen Information System

2.4 Related Works

Electronic commerce is similar to e-commerce in that it can be ordered remotely. This has no bearing on how well the product on the website is selling. Facebook is like e-commerce because we see that the majority of people buy their products through Facebook, VK, and other social media. Online business idea is electronic trade there are such countless characterizations we will think about it underneath depiction

2.5 Comparative Studies

Electronic business, joined with portable trade, is presumably going to turn into a
serious business improvement across the world inside the near future. The Asian nation and others are currently experiencing a m- and e-commerce revolution. [3]

The amendment has received a significant boost from the internet. The ways people communicate have changed, and now people interact with businesses through websites.

Consequently, the web is driving the development of recent channels, such as m-commerce and e-commerce, that span the full scope of commerce. Manufacturers, retailers, wholesalers, and suppliers can now communicate with one another more effectively, more quickly, and at a lower cost across a wide range of markets thanks to the internet. Customers benefit from the Scepter's 24/7 availability and increased selection of goods and services. Without a doubt, each ecommerce and m-commerce are at an emerging stage in an Asian country, however, these have immense growth prospects within the country

2.6 Scope of the Problem

There are a variety of issues with e-commerce websites. First, in order to view a product and place an order for an electronic device like a smartphone, laptop, or other device, you must have an active internet connection. It sometimes brings up issues like product delivery and location tracking. The websites are difficult to maintain.

2.7 Challenges

The Internet has provided the economy with new opportunities in today's globalized world. The execution of the financial movement, because of the most recent data innovation, makes it more productive and beneficial. The fact that ecommerce, one of the components of the "new economy," has emerged as a new sector in the global economy and is gaining more and more practical significance is what gives this topic its relevance. When compared to the traditional market, the electronic market does not have the same level of strength; [2]

There are a number of reasons why its potential is not realized in the end:

o There is no development of the regulatory and legislative framework, which leads to the problem of protection of intellectual property rights for goods or services that are realized in the framework of electronic commerce, as well as financial and contractual problems. As a result, there is a lack of confidence on the part of investors, potential buyers, and the pace of development is declining;

o There are problems that are associated with the global concept of e-commerce. These include: the lack of confidence that in other parts of the world the partner company and the product or service that it offers are actually existing; differences in traditions and rules for doing business in these companies.

CHAPTER 3

WEB APPLICATION DEVELOPMENT PROCESS

3.1 Introduction

The project determines not only the final E-commerce development but also carefully considered research and analysis for the application's development. For the purpose of creating a cutting-edge e-commerce web application, there are a plethora of resources and tools available. For the development process, we have chosen a specific technology and framework. We have described the application's development process, from planning to detail, in this chapter. In addition, it displays the number of modules and figures used in this project.

3.2 Technology, framework and tools

For this particular project we have selected specific technologies and framework for better workflow. Some technologies included in this project are:

- o HTML
- o CSS
- o Bootstrap
- o JavaScript
- o Jquery and
- o PHP

For database design I have used relational database management system (RDBMS) as MySQL. Used XAMPP for local host development and github for version control system [7] . For framework I have used the latest advanced PHP framework Laravel (Version 8) [6] and VS as a code editor.

3.3 Number of modules of e-commerce application

This E-commerce project is divided into 9 modules:

1.Registration Module

2. Category Module

2. Products Browse Module

3. Products Search Module

4. Shopping cart Module

5. Checkout Module

6. Payment Module

7. Admin User Management Module

9. Admin Order Management Module

3.4 Activity Figure of E-commerce web application
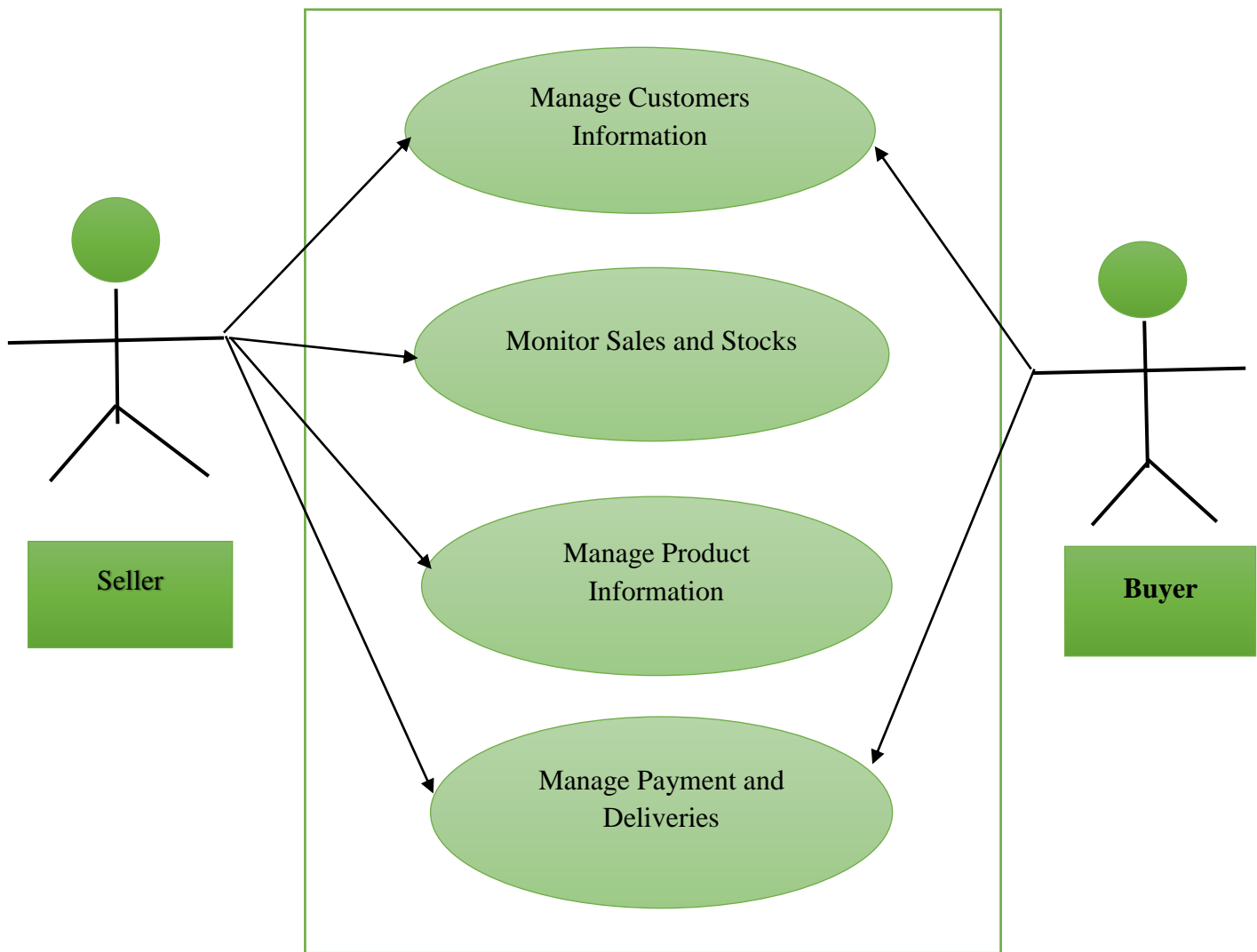
Figure 3.1 : General Use Case Diagram

Use Case Diagram Description :

The typical use case for the e-commerce website demonstrates the typical operations or features that the website might offer. The actions taken on the website provide the basis for these processes. The illustration used was based on the fundamental idea of the project in question.

Once it was constructed, it was anticipated to contain it. All you have to do to bring your project up to date is to reinvent the central concept or add extra functionality.

Price Quantity

Figure 3.2 : ER Diagram for E-commerce

ER Diagram for E commerce Description :

I have divided this into 7 sections:

1. User Upload
2. Category
3. Custom_Product
4. Cart
5. Product Customization
6. Product Options
7. Orders

Because,The database design is represented by the relationships between the entities in the ER diagram for the e-commerce website. The logical organization of the system's database or data storage is also described using this term. You must be familiar with the system's entities, characteristics, and relationships in order to generate an ER diagram.

Information about clients' purchases is saved when they shop. Additionally, it serves as the admin's foundation for the customer's order.

Customer: This feature collects crucial data about the users. The customer's orders and transactions were then ascertained using the information acquired.

Shopping: Information about clients' purchases is saved when they shop. Additionally, it serves as the admin's foundation for the customer's order.

Manage Transactions: This feature enables the administrator to keep track of customer transactions. It records all completed transactions as well as shopping-related data.

Transactions and Reports: This feature keeps track of consumer transactions. Additionally, it contains the details and records of each transaction.

[Enter User Name and Password]

Get Details

[Submit]

Error

Validate Data

No

Yes

Rejected

Accepted
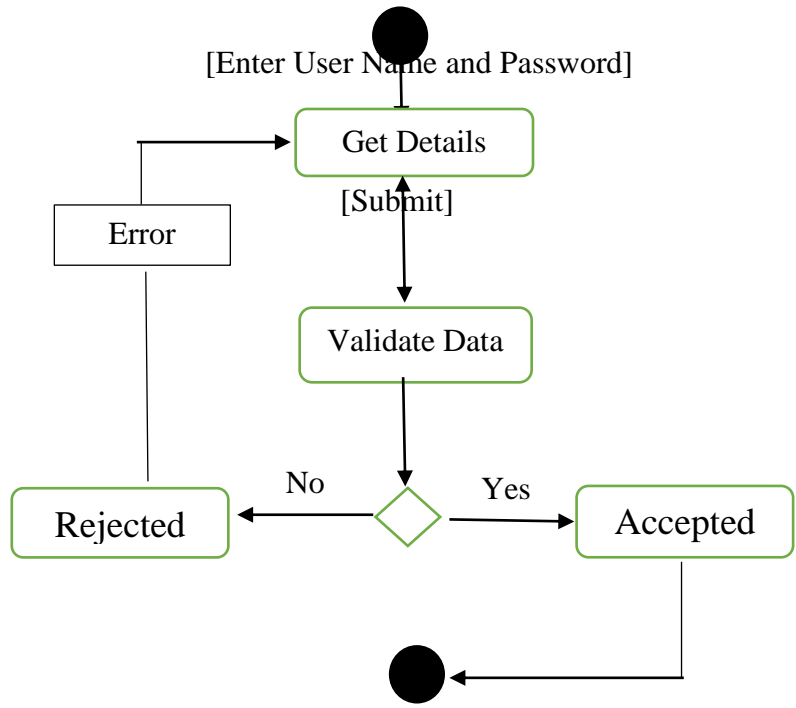
Figure 3.3 : Login Activity

Login Activity Description :

are employed to produce the login activities that were displayed here. Before creating the activity diagram, you must become familiar with their symbols and applications.

Get Details - m website that enables users to purchase and sell tangible items, services, and digital products online rather than in person. A company can process orders, receive payments, handle shipping and logistics, and offer customer care through an e-commerce website.

Validate data - Working with the massive amounts of information generated within the eCommerce sector requires data validation, which is a key step. It guarantees that product information, customer feedback, and contact information are true and validated. Each piece of data goes through a number of checks during the validation process.

Error -When creating an online store, it's typical practice to leave problems and error messages to the last minute. Sometimes they are even completely overlooked.

[Enter Registration Details]

Get the Details

Validate Details

No → Rejected

Yes

Accepted

[Success Fully Registered]
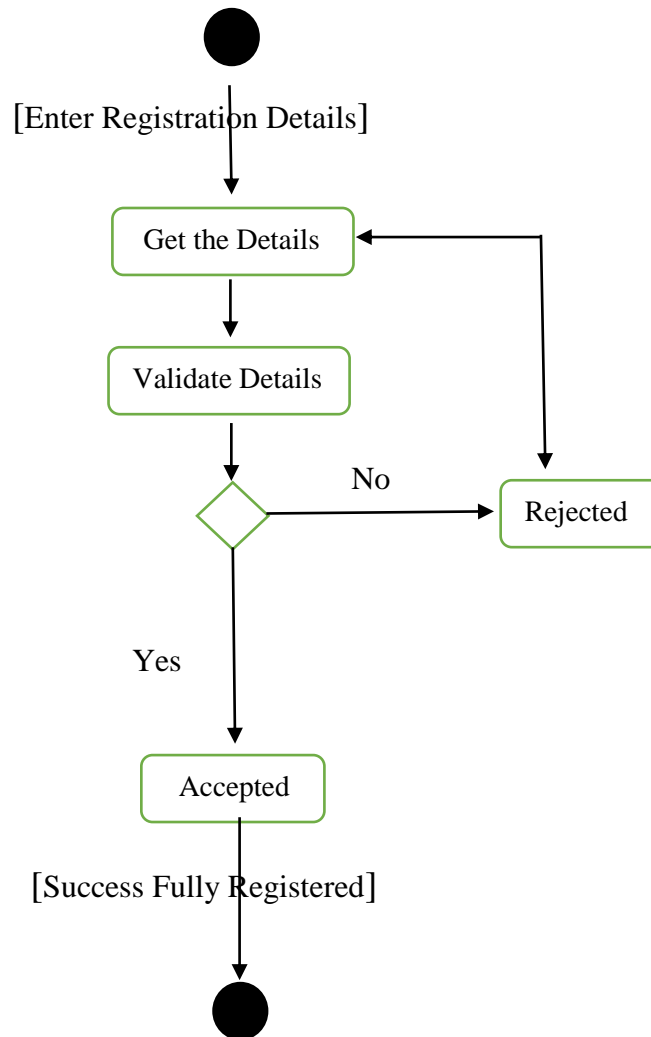
Figure 3.4 : Registration Activity

Registration Activity Description :

To make it easier to run our business and ensure that we always have clients registered on our website, a straightforward new customer registration form has been developed.

Online stores employ an eCommerce registration form to track consumer information and handle payments. One of the most important forms for your upcoming online store is our free eCommerce registration form. so that we may talk to our customers very effortlessly.

[Enter User Name and Password]

Get the Data

[Submit]

Validate

[NO]

Manage Products

[Manage Order]

Generate Products

Get the Data

Get the Data

Get the Data

Action State 1

[Submit]

[Submit]

Validate

Validate

[NO]

[NO]

Yes

[NO]

Yes

[Data Processing]

[Yes]

Get the Data

[Submit]

Validate Data

[Yes]
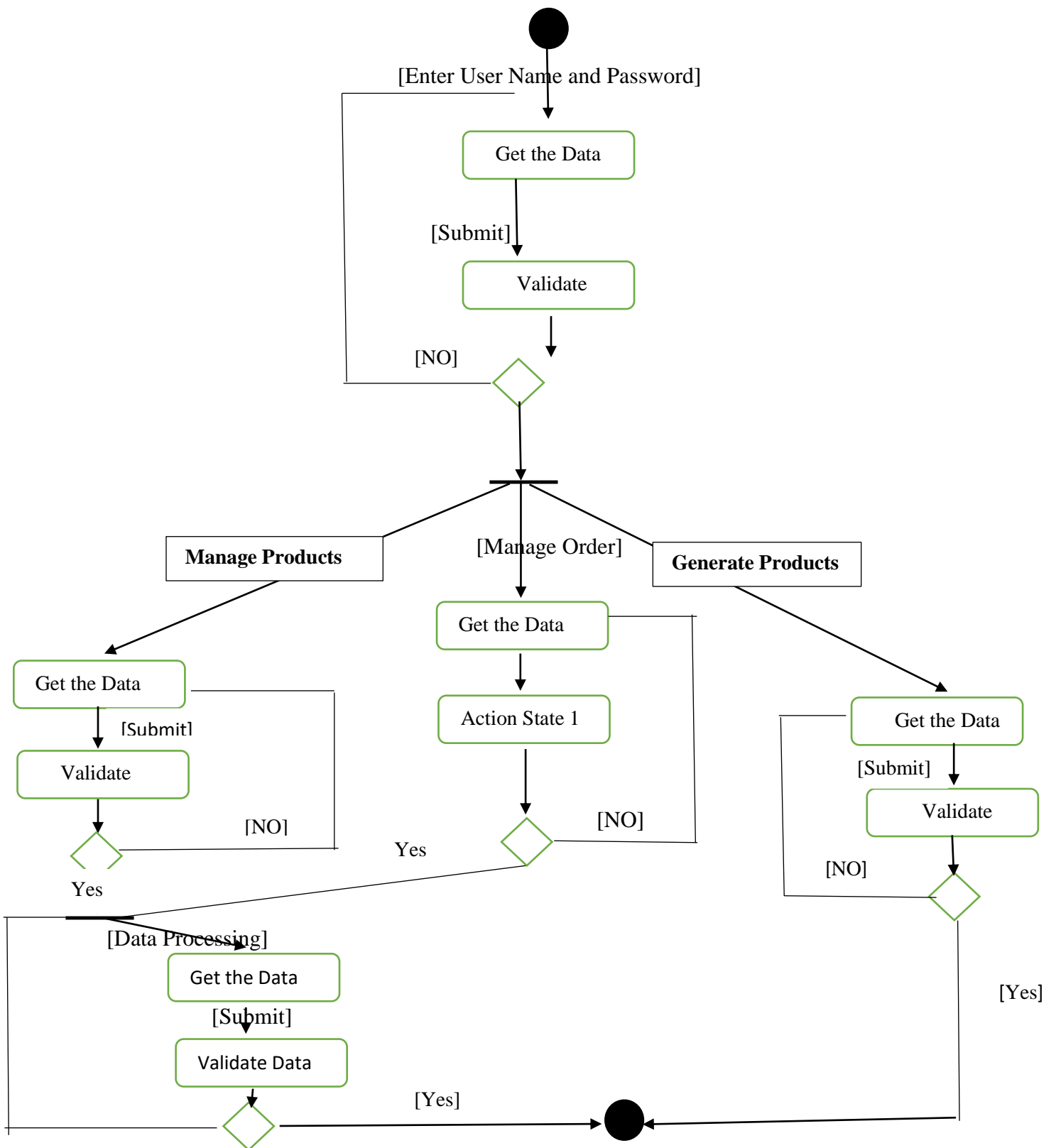
Figure 3.5 : Admin Activity

Admin Activity Description :

the online market In order to increase sales, admin will be in charge of all parts of e-commerce as well as general onsite and Healthy Options app maintenance for all published products. This includes making sure that all categories are appropriately represented across all channels and are kept up to date. The elements of the admin activity depicted in this diagram are:
1.Admin Login
2. Add/Update/Delete/Active/Deactive Categories
Step by step
3. Add, Update, Delete, Active, and Deactivate Products
Make an online store
4. User Registration
5. Leads Listing Contact Us Form

Enter User Name and Password

Get the Data

[Submit]

Validate Data

NO

[Yes]

Get the Data

[Submit]

Validate

NO

[Yes]

Get the Data

[Submit]

Validate

NO

[Yes]
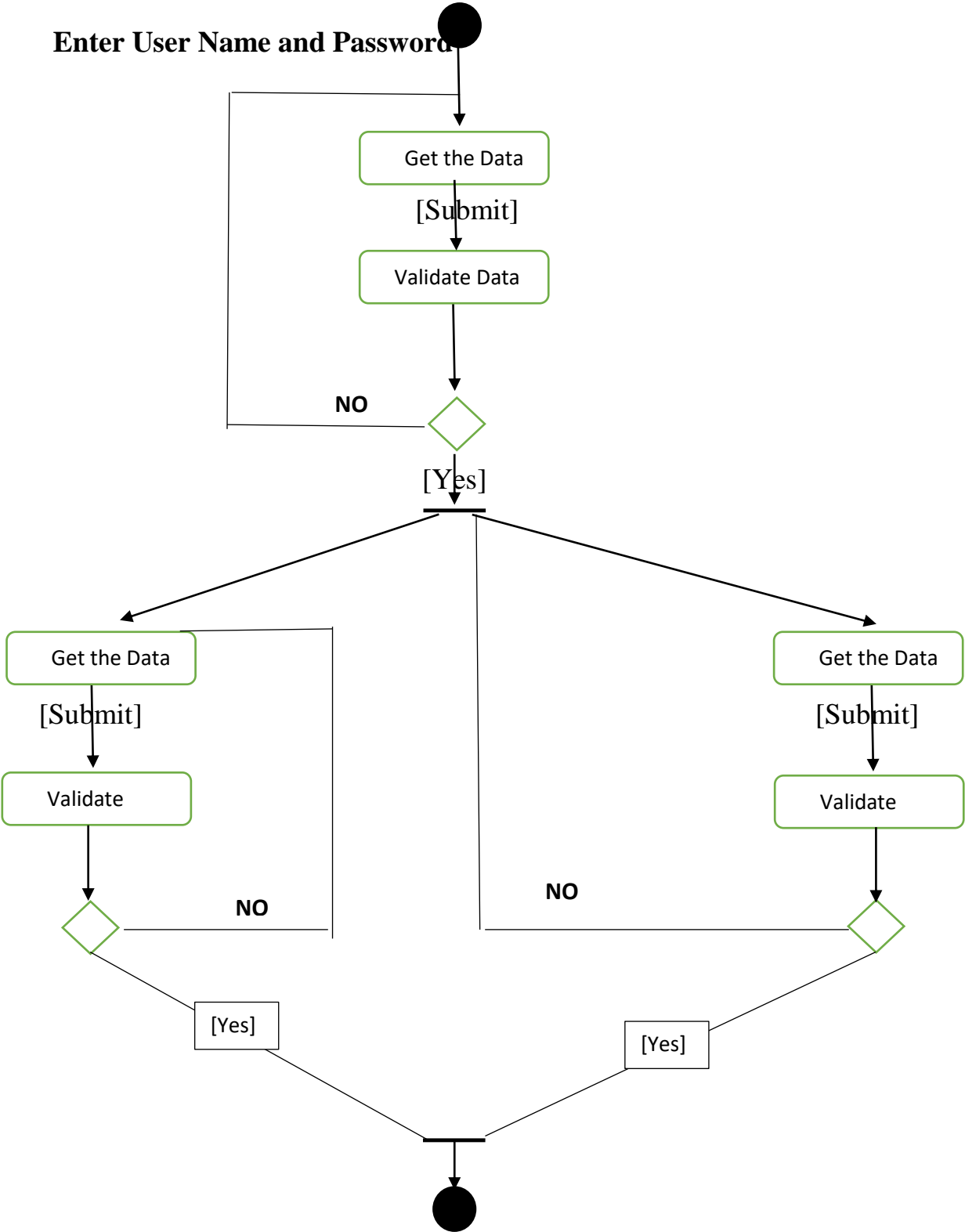
Figure 3.6 : User Activity

User Activity Description:

In user activity section user can order product and view product after proper validation. To submit this criteria, first of all users upload their all kinds of essential data into data field. This data would be User name, Email, Password and other things. To submit all kinds of data then validation started. To validate this all data, first of all check it to the previous recorded. If answer is "Yes" then go to access and If answer is "No" then the system redirect to first step. Then this criteria will continue like a loop. In every step, the data will be check in previous method. If answer is "No" then redirect to previous first step. On the other hand if the answer is "Yes" then go to the access to continue the work.

CHAPTER 4

DEPLOY ON DISTRIBUTED NETWORK

4.1 Introduction

Because this is a project for web development, the project must be set up on a live web server for proper testing and demonstration. We have set up the entire project on a live server for these reasons, making it easy to access via the internet from anywhere in the world.

The development of an e-commerce web application requires consideration of virtually all web application development functionality, making it an enormous undertaking. For this kind of huge project, setup and hosting of live servers are also a problem.

4.2 Live Demonstration

Depending on the hosting service provider and the size of the application data, the connection between the domain and the hosting server may take several minutes or hours. Before that, we edited all of my application's necessary files. Presently the application can be access from anyplace on the planet through web. [13]

Here are a few examples of the snapshots we took from our live web application:
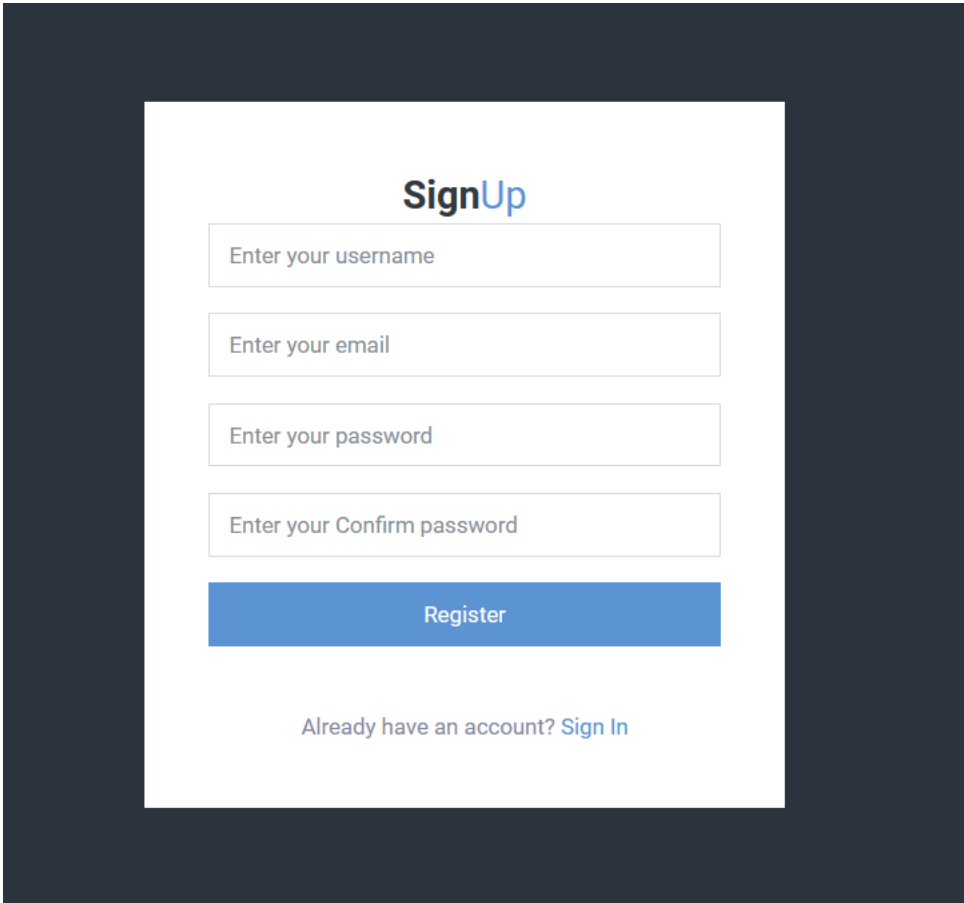
Figure 4.1: Admin Register Page
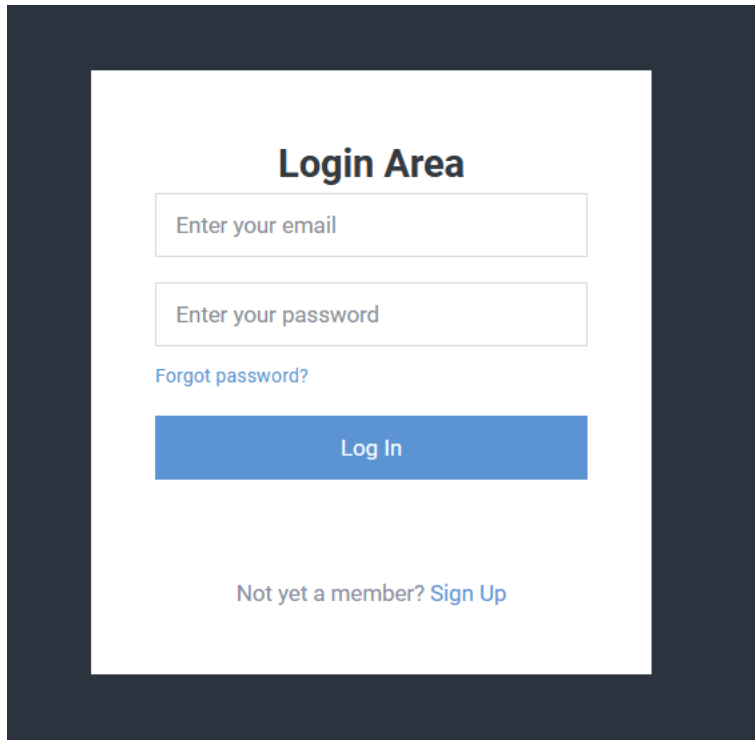
Figure 4.2: Admin Login Page
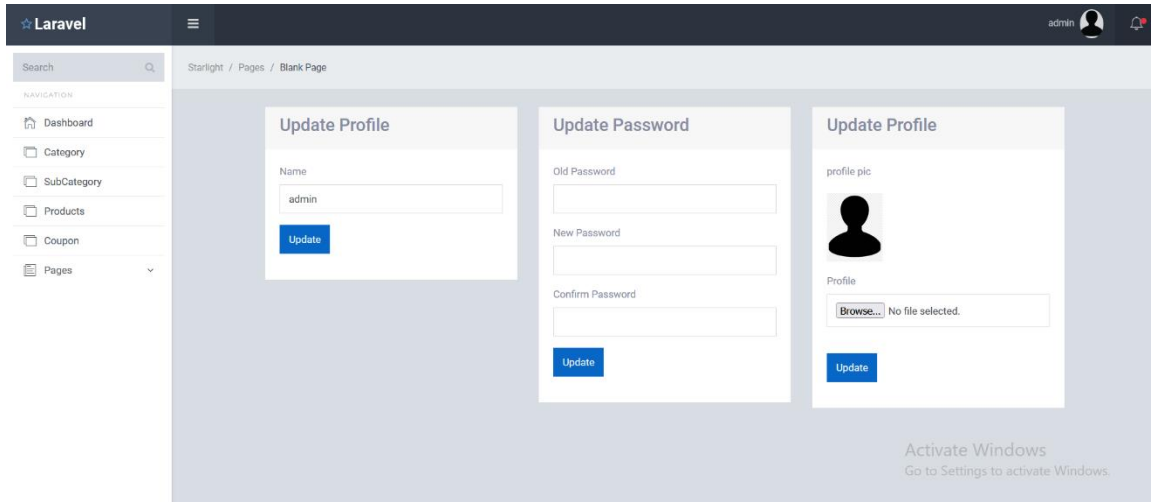
Figure 4.3: Admin Profile Page
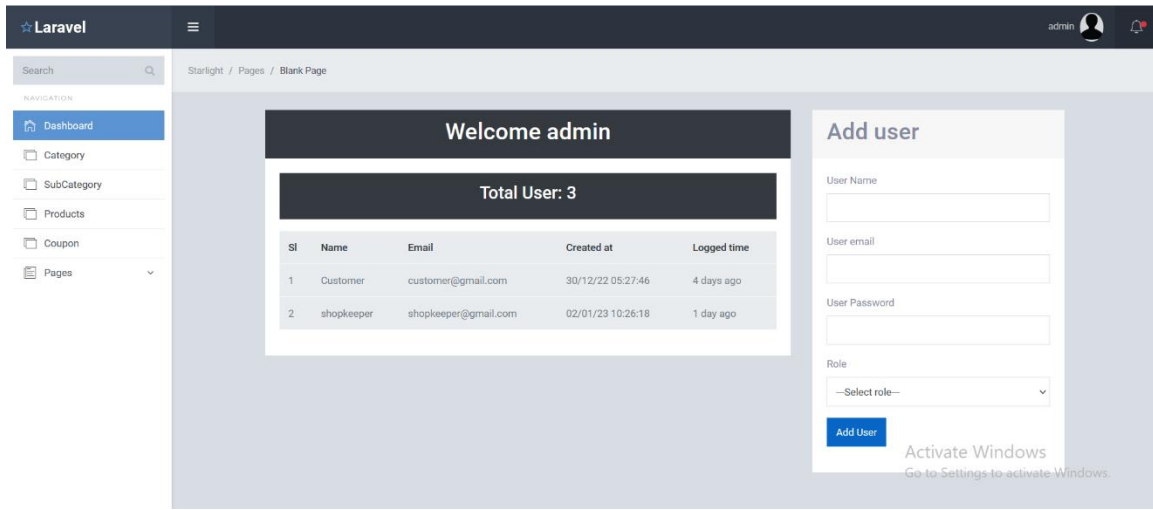
Figure 4.4: Admin Dashboard Page
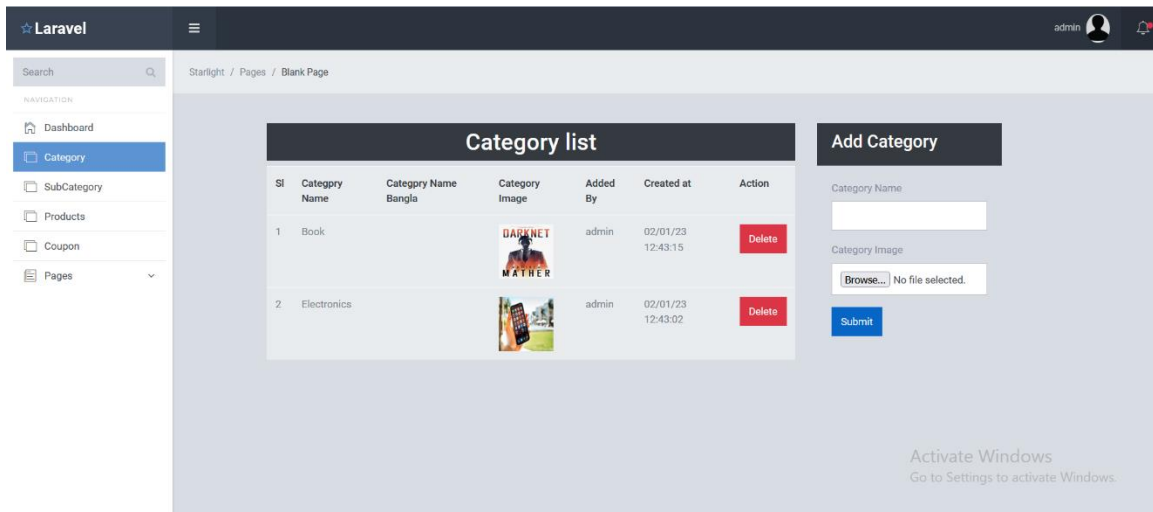
Figure 4.5: Admin Product Category Page
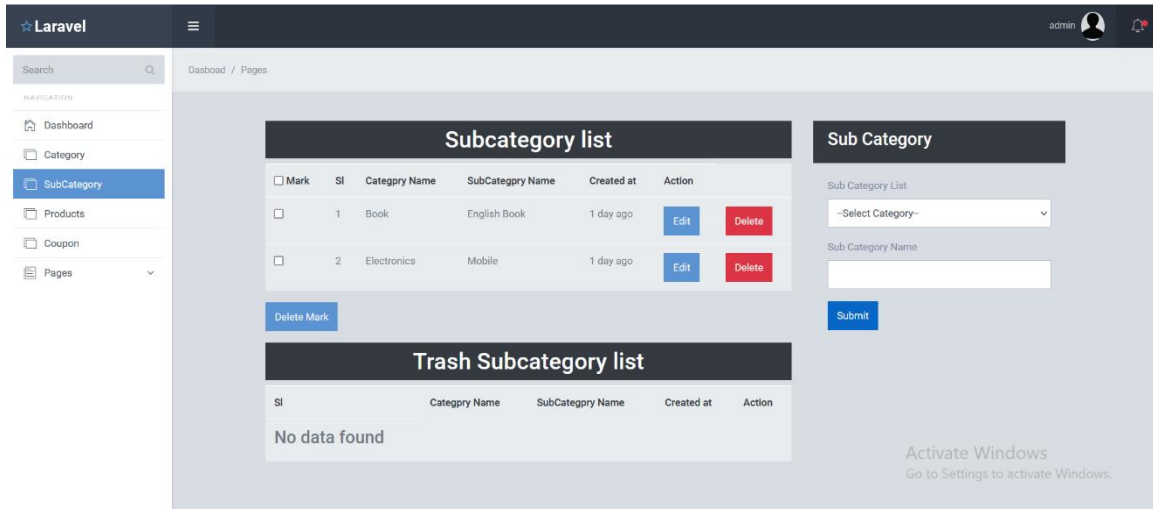
Figure 4.6: Admin Subcategory Page
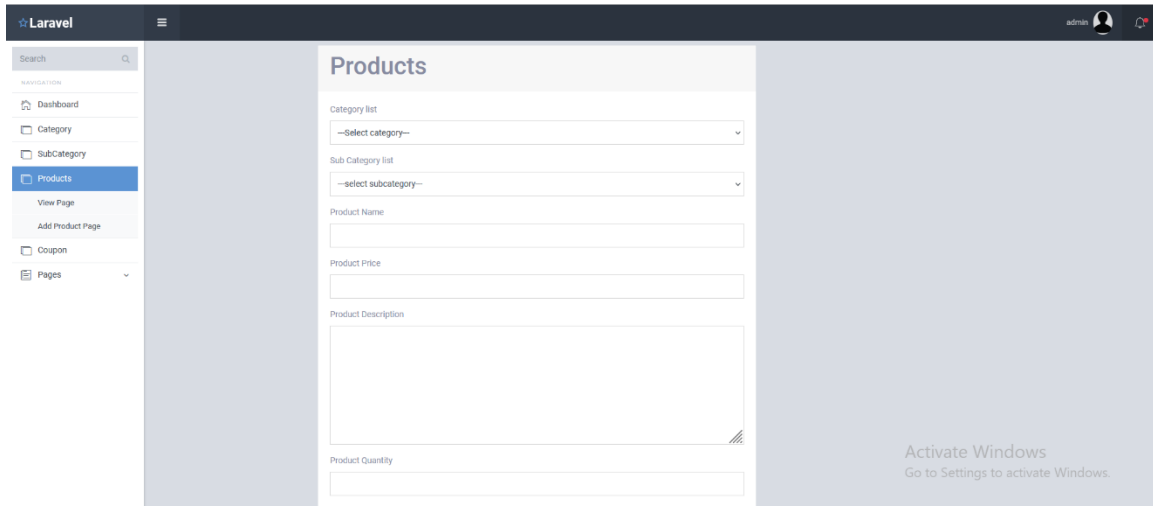
Figure 4.7: Admin Add Product Page
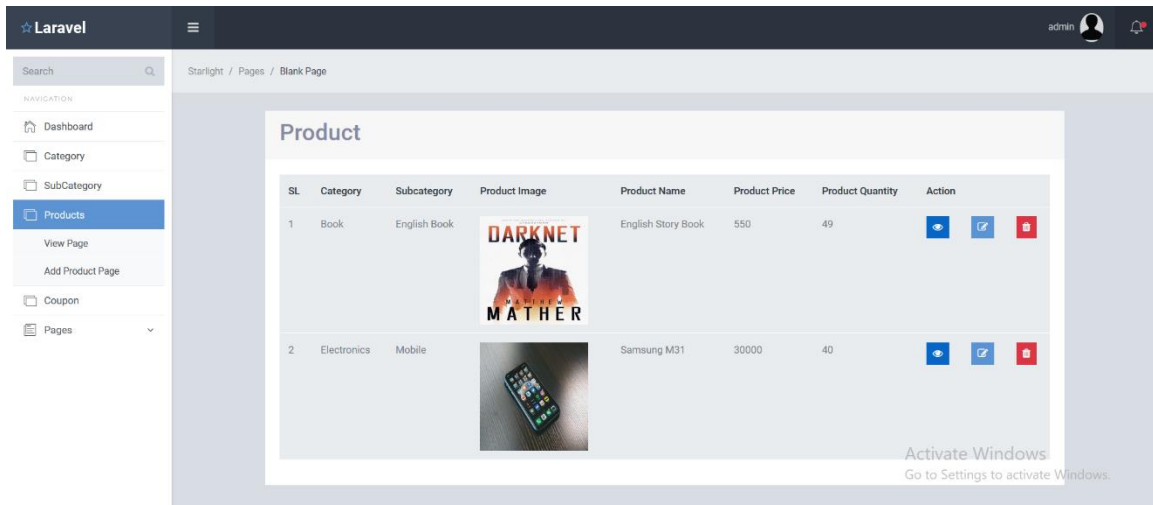
Figure 4.8: Admin View Product Page

After this section we will see our frontend or main web application page for users. Where user can login/register into our application. They can easily search, select specific product and buy from home through this application.

Home Page:
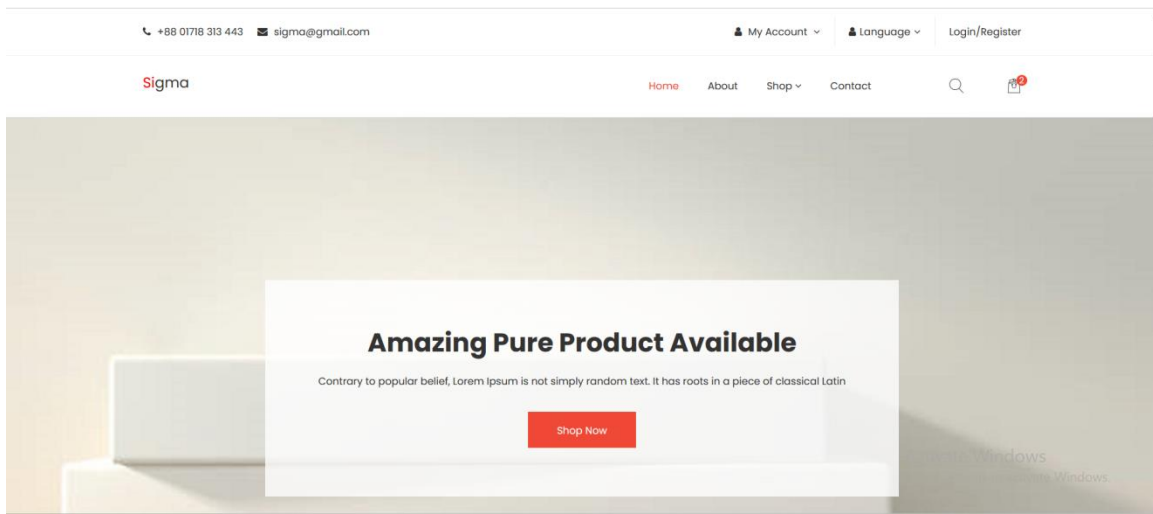
Our Latest Product

| Samsung M31 | English Story Book | White TShart | HP Pavilion 10 |
| BDT 30000 | BDT 550 | BDT 500 | BDT 70000 |
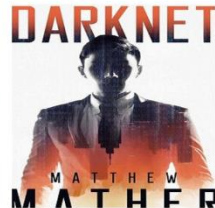
Load More

About Section:
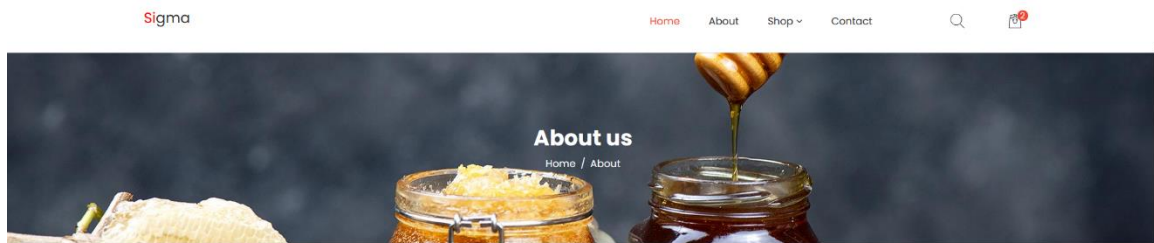
WELCOME OUR STORE!

Though a few days ago, People thinks about the shopping is going to market physically and buy the necessary products or service by the exchange of money in a specific time. But nowadays, The act of purchasing products or services over the Internet. Online shopping has grown in popularity over the years, mainly because people find it convenient and easy to bargain shop from the comfort of their home or office. And we give this service with this website.

The goal of 'Supershop Management System' is to make the shopping system easier by making it easier for customers to order products and for sellers to manage their business and pay bills using online devices like computers, smartphones, and tablets.

Shop Section:

Shoping Cart Section:

Checkout Section:

Contact Section:

Search Section:

CHAPTER 5

IMPACT ON SOCIETY, ENVIRONMENT AND SUSTAINABILITY

5.1 Impact on Society

The marketplace is widened by electronic commerce to include both domestic and foreign markets. The cost of producing, processing, disseminating, and retrieving paper-based information is reduced. E-commerce is extremely important since it lowers transaction costs. Having lower transaction costs empowers the consumer. In conclusion, e-commerce is significantly altering both marketing and commerce. The process of purchasing and selling, or exchanging, goods, services, and information using computer networks, particularly the internet, is known as e-commerce. It is the use of technology to automate job flows and business transactions. It is the transmission of data, goods, or money via phone lines, computer networks, or other electronic channels. It is a technology that responds to the demand of businesses, customers, and management to reduce service costs while enhancing service delivery speed. Electronic commerce, or e-commerce, is still a developing and ever-evolving field of business administration and information technology. E-commerce has received a lot of media attention and is still a hot topic of conversation.

5.2 Impact on Environment

As e-commerce expands, its detrimental effects on the environment also grow. There are apparent environmental effects (such a cardboard box to recycle or plastic wrapping to trash) and an invisible environmental impact for every shipment transported. The International Panel on Climate Change says that in order to reduce global warming, greenhouse gas emissions must almost be cut in half by 2030. To accomplish this goal, the e-commerce sector must first acknowledge its environmental impact and take revolutionary, sector-wide action. Change is achievable, but moving purposefully in the same direction will require extensive communication and collaboration among shipping providers, businesses, and customers.

5.3 Ethical Aspects

Understanding what is good and wrong is only one aspect of ethics. It has to do with the principles we uphold and follow.Both you and your clients are aware of this.And you can be sure to provide a positive client experience when you stick to your values and traditions.You can win your consumers' trust and loyalty by providing great customer service.Here are several ways that can really help your brand.

1. Online Piracy : This is a significant issue that online firms face. Imitation of Logos Your branding strategy must include your logo. It is intended to portray your company to your intended market. Others duplicate an existing design to save money.

2. Exposure-prone Data Lakes: A data lake is a place where a lot of raw data is kept.It might appear to be a good thing. But don't fall for it! Data lakes are similar to storing data subjects in the hopes that they will one day be valuable.

3. Web monitoring : Online businesses use log files to follow people's online activities. The information will be used to install software that can extract pertinent data from internal files. The saved tracking history of your consumer can be monitored by the monitoring software and the unique files known as cookies.

4. Online trespassing : In order to sell an existing domain name for a higher price, this refers to registering it. Cyber squatters are those who carry out such activities. They typically aim for well-known companies.

5. Web Spoofing : This digital trick involves an attacker setting up a false website. To trick users into providing their credit card information, they will make it appear to be the original website.

6. Spamming emails : Spamming is the practice of sending users a fake email that is infected with malware or viruses. On your computer, stealthy malicious apps can steal information. Additionally, it can contain clickable links that trick them.

7. Products that are fake : You make every effort to provide your consumers with the highest-quality products. You may run this danger if you operate an online store or work with other vendors.

8. Dependable Customer Support : Contrarily, unethical businesses act in the opposite way. They could choose not to respond to emails or other messages.

5.4 Sustainability Plan

The most environmentally responsible choice for any brand or seller is to use more eco-friendly packaging for shipments by avoiding plastic, containers with a variety of materials that are challenging to separate and recycle, and -especially- by reducing the amount of filler material and the excessive size of packaging.Another crucial step in this process is transportation. If a product is not readily available at the same time as the others, it is best to combine all shipments to the same customer rather than splitting their order into multiple shipments for transportation purposes. Many delivery services, including UPS and FedEx, already provide green shipping initiatives to reduce or even eliminate the carbon footprint of their trucks and stop roadside pollution. So keeping these things in mind, we will move our website forward.

CHAPTER 6

DISCUSSION

6.1 Introduction

We have discussed a number of e-commerce web application and business model issues in this chapter. Based on that, some web applications have already resolved their issues, and others continue to attempt to do so. Additionally, they improved the user experience by altering their logistical supports and business model.

6.2 Limitations and Issues

Limited stock is one of the biggest problems in the e-commerce industry. That is already overcome by some applications for e-commerce. However, the majority of them have a terrible time with it. where consumers place inadequate orders for stock products that e-commerce cannot adequately supply.

E-commerce's problem with language and demographics is another issue. The majority of e-commerce web applications are in English. However, it is not particularly user-friendly or helpful in some parts of the world. Therefore, the design and implementation of e-commerce web applications must also consider demographic culture.

Supports for logistics are another major issue in the e-commerce industry. Numerous major e-commerce businesses expanded their logistics support in major global cities. However, in rural areas, it is still shockingly unexpected. Additionally, there are some rural areas of the world without internet access or with slow internet speeds. which impedes the e-commerce sector.

Another problem with e-commerce is online payment methods. Nevertheless, cash on delivery is preferred. However, it is the primary consideration for a fully optimized e-commerce application. Still now we are confronting security strings for online installment.

Last but not least, the e-commerce industry's biggest loss is bad products or services. Likewise return and discount strategy should be obvious to purchasers for any internet business industry.

6.3 Discussion

In a highly competitive market, there are a lot of e-commerce businesses. Where the newcomers face the greatest difficulties are the large fish. because those big companies have taken most of the customers and market share. As a result, new customers are entering the market each day. They must comprehend ecommerce business facts, customer satisfaction, and other unavoidable factors if they are to survive in the long run.

We have conducted extensive research regarding the business model of ecommerce web development. It is abundantly clear that any e-commerce sector can experience undesirable facts. Even so, it still has a long way to go.

CHAPTER 7

CONCLUSION AND FUTURE WORK

7.1 Conclusion

Web-based businesses are consistently on the list of effective organizations. This is straightforward to explain: we are residing in a virtual period, where essentially every single undertaking is being performed on the web. In digital marketing, the term "web-based business" has become increasingly popular.

The positive aspect of the web-based business industry is that many entrepreneurs are turning it into a career. However, many business owners overlook the significance of website optimization and planning for online businesses.

A web-based business website is not the same as a standard website in terms of optimization. Since web-based business has grown into a huge and very competitive industry, front-line training is necessary to stay focused. As a result, it's critical that your business website be upgraded appropriately.

Our most precious resources—time and money—could be saved through e-commerce. Additionally, it has opened a new door for international trade.

This project helps me gain a deeper comprehension of the modern dynamic ecommerce web application development process and implementation technologies. The project's design, which includes a data model and a procedure with real-world examples. I gained a better understanding of the e-commerce business sector and precise knowledge of the most recent technology, such as "Laravel," through the project's construction.

7.2 Future Work

The e-commerce sector is enormous. So it makes sense that consumers are constantly curious about the future of e-commerce. Ecommerce is a more and more lucrative choice for enterprises, with worldwide ecommerce sales predicted to reach $5.7 trillion in 2022. The good news is that while this is significant, it is by no means a recent development. The e-commerce sector is a dynamic one. Everywhere in the world, trends are evolving in an effort to influence how people make purchases. This makes the potential of online shopping fascinating.

In the ecommerce business, a lot of significant things are anticipated to alter in the upcoming years. As a result of this move, we will also upgrade our online store.

We'll continue to add new futures. Our objective is to gain all users' trust and become widely known on the international market.

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Project Report