

DEVELOPMENT OF EASYBAZAR:ONLINE SHOPPING MARKET.

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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**

APPROVAL

This Project titled “**Development of Easybazar:Online Shopping Market.**” submitted by Anisul Haque, ID No: 161-15-887 and Dwipesh Kumar Mondal, ID No: 161-15-832 Anik Saha, ID: 161-15-831 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 Bachelor of Science in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on December 10, 2019.

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We hereby declare that, this project has been done by us under the supervision of **Md. Mahfujur Rahman, Lecturer, Department of CSE and Co-Supervision of Saif Mahmud Parvez**, 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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ABSTRACT

The Meaning of online marketing is a simple method to purchase any item from any place without going in the market. It is extremely troublesome and hard to keep up our time in our everyday occupied lives. Now and again we neglect to purchase a required item or possibly it is earnest for the following office meeting and will be back home soon, at that point we have no oil in our mind that we can cook. Assume you need to purchase dress, however you can't purchase anything you need for office or obligation, you can utilize Easybazar to purchase closets from the market, and on the off chance that you need to sell an item, you don't need to go to the market and you Login to the item to publicize available to be purchased. It's excessively occupied So it is hard to keep up this sort of issue from one spot. Simple Market is a site that can assist individuals with taking care of every one of these issues, this site will assist individuals with sparing their significant time, cash, cash and make their lives so natural and wonderful. The client can make a record on this online framework or a client can utilize the framework without a record. Our prescribed framework is "Easybazar (Online Shopping Market)". This framework is utilized for online marketing and will be naturally checked for things requested on the framework and conveyed allowed to the client's location. This is a decent wellspring of collaboration among clients and purchasers. This project assists clients with profiting simpler by sparing. With appropriate use, the two clients and representatives will profit. After every one of the capacities is executed, the framework is tried on an alternate stage and it performs effectively as a model.

CHAPTER 1

INTRODUCTION

1.1 Introduction

Punching an e-commerce site based on an online web-based application for an online system or e-commerce business. The wise people and wise use of our valuable time is mostly an e-commerce site where customers and sellers come together and take advantage or services. This is basically Bright Life with E-Com, an automated site that you can get any item with home delivery that saves time and makes life easier. Reduce costs and limit the cost of working with an online system, with restrictions on huge items. Any association can use an online e-commerce system from anywhere. Simply purchase an item by selecting that item and placing a request with the user field. Once the delivery is done, just keep an eye out, check that item, and take care of your tabs.

1.1 Motivation

Keep up all work done simultaneously implies time-consuming, decrease working technique, continue reminding decision and points of confinement with next offers is the central motivation behind advancement online webpage. For client satisfaction, we offer cutoff points, decrease cost when requested various things consistently, home conveyance and the rule part is, shopping with family keeps you yet shopping while in the workplace isn't simple. Thusly, it is by and by conceivable to shop from the workplace and refreshment with family saving additional time.

1.2 Objective

- i. Get all products from home or office or from anyplace, just go the E-Commerce site and place order.
- ii. Add automatic location generator
- iii. To show the most selling products
- iv. Safe and secure payment options
- v. To make a responsive website

1.4 Expected Outcome:

- Services will be provided worldwide.
- 24 * 7 customer service will be available.
- A market play will be created with minimal cost and time.
- Create multiple vendor based websites.

CHAPTER 2

BACKGROUND STUDIES

2.1 Developing the Site

In the online marketplace, there are a lot of online marketers who just came out, created a Facebook page that he has some products, customers get into that page, find their beautiful pictures, order that item and do not get the original products as seen in that picture of that page. That's why, there is a lacking in the system, which we found and solved those problems. On our website, customers will get the original product we have shown on our site. This will make the relationship best between customers and sellers.

2.2 Related Work

2.2.1 daraz.com

Daraz.com is a very notable site where individuals can locate all their needs like a pack, sunglass, pants, belts, dress, iPhone, Electric thing, non-electric thing, and so forth. There is a condition that they spare clients' information. Class choice is one of the alternatives they have. The site shows top-notch pictures and portrayal, yet a survey from the client says a negative view.

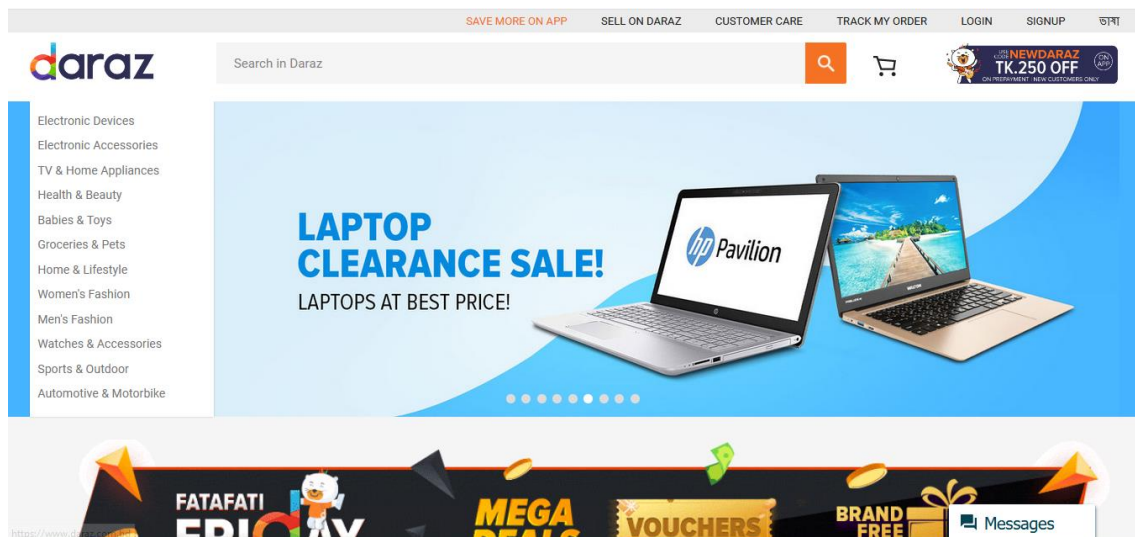


Figure 2.1: Home page of daraz.com

2.2.2 bikroy.com.bd

Bikroy.com is the place you can buy and sell almost everything. The best game plans are frequently completed with people who live in your own one of a kind city or in solitude street, so on Bikroy.com, it's definitely not hard to buy and sell locally. You ought to just pick your area.

Bikroy.com has the most loosened up decision of pervasive reused things all over Bangladesh, which makes it easy to find decisively what you are scanning for. So on the off chance that you're looking for a vehicle, PDA, house, computer or maybe a pet, you will find the best game plan on Bikroy.com.

Bikroy.com doesn't invest critical energy in a specific class - here you can buy and sell things more than 50 particular characterizations. We moreover carefully review all commercials that are being circulated, to guarantee the quality is up to our models.

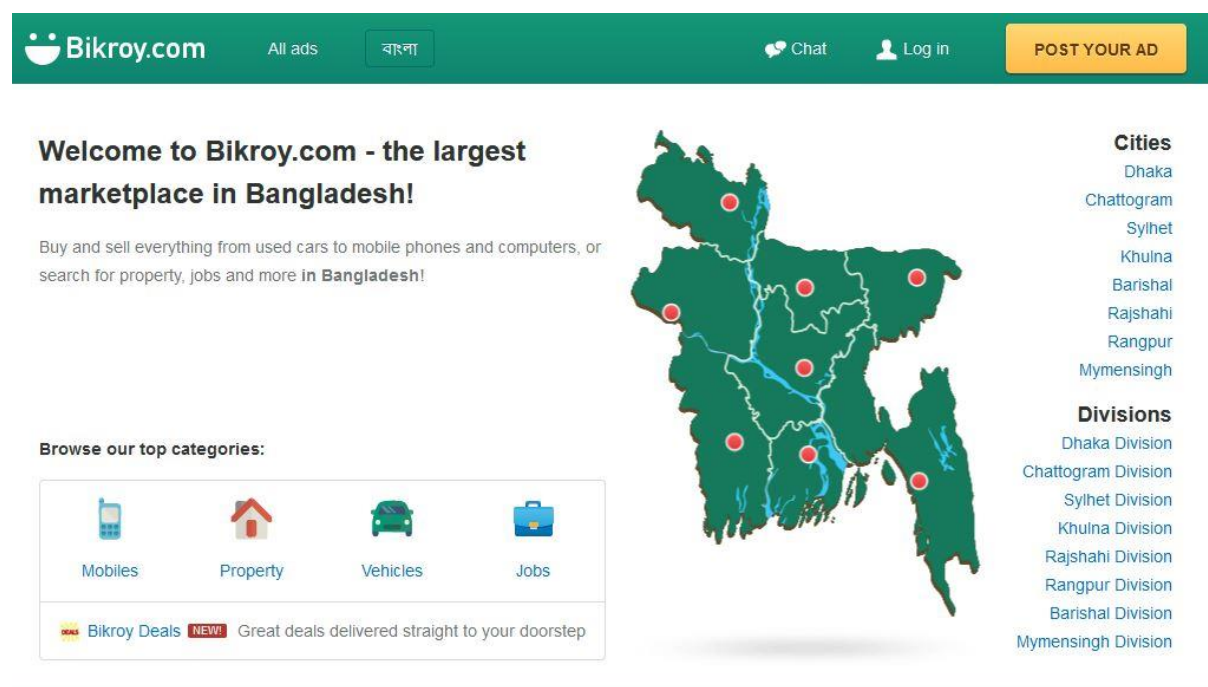


Figure 2.2: Home Page of Bikroy.com

2.2.3 picaboo.com.bd

Pickaboo.com is a Bangladeshi web-based business stage with its central command in Dhaka, Bangladesh. It is a brand offspring of Silver Water Technologies Bangladesh Limited. The business began on May 15, 2016, It is selling a wide scope of electronic and way of life items, for example, mobiles and tablets, work areas and workstations, home and kitchen machines, devices, attire, cosmetics, skincare, and embellishments. Pickaboo.com offers an assortment of items, for example, cell phones, tablets, computers, gadgets, home and kitchen apparatuses, attire, design and excellence items. Pickaboo.com has propelled two advertising efforts in 2016, one being the Online Mobile Fair and one is the Online TV Fair. Saint Bangladesh and Pickaboo have consented to an arrangement for restrictive online retail organizations in 2017.

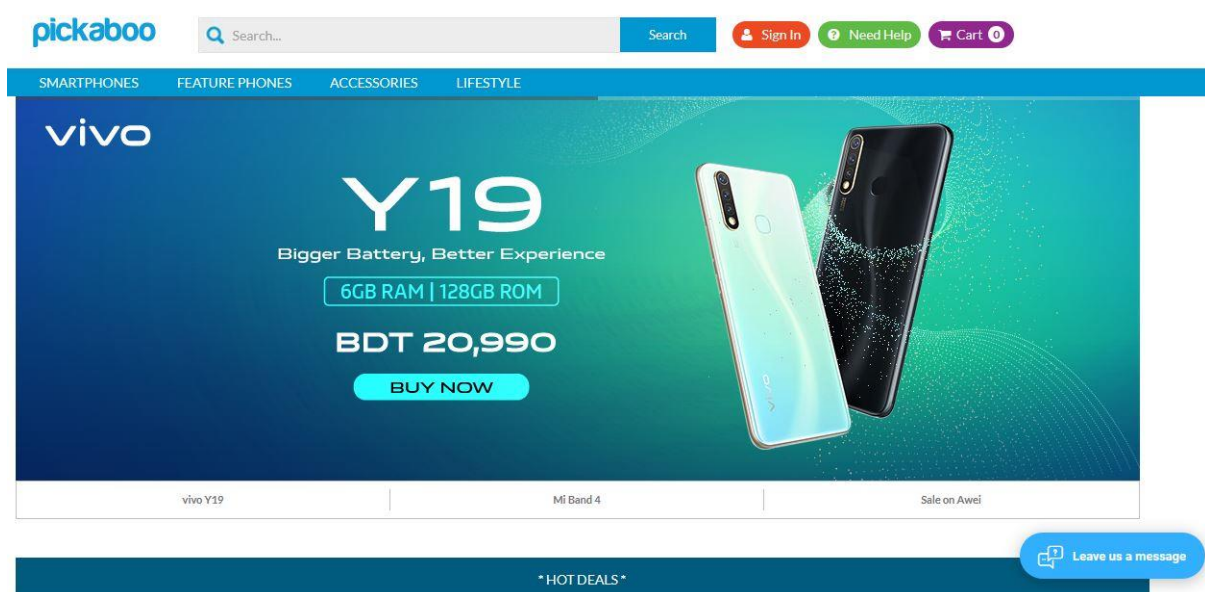


Figure 2.3: Home Page of Pikaboo.com

CHAPTER 3

REQUIREMENT ANALYSIS

3.1 Requirement Analysis

Requirement analysis is the important thing to develop any project. The details requirement analysis should be documented with every step; the analysis should be computable with positive test result. The requirements may be architectural or structural or functional and non-functional. Without any requirement the project will not run better. The project should cover up with minimum requirements of both software and hardware.

Requirement analysis has two phases:

- **Preliminary research:** required collection from various sources and surveys.
- **Secondary research:** Comparing it with other existing software.

3.2 Functional Requirement

- Registration page where registered user can log in
- Selected items will automatically have added into a cart
- Total items, quantity and price will be shown
- User Authentication Management.
- User can submit rating and review about the Product.
- Fast Responsiveness.
- User Can Sell their Unusual and Unnecessary Product.
- Security of both clients and users
- Rapidly page loading
- Provide Customer Reviews
- Easy checkout

CHAPTER 4

SYSTEM DESIGN

With the design of the system, we can determine the architecture, modules of a projector to meet user requirements. System design helps users choose hardware and software requirements for a specific project.

4.1 Development Methodology

The development process is essentially a plan, maintaining a process where motivation is needed to achieve the goals. Projects are always maintained to meet all requirements for a specific goal. In the development of our application, we have used a laravel method that is best suited to us. The stages for our project development are given bellow -

- ✓ Inception
- ✓ Arranging and Design
- ✓ Execution and Construction
- ✓ Checking and Controlling System

4.2 Used Language and Technique

In the development of our project we used some tools and techniques are below –

- ✓ **Software Tools**
 1. Local Server : XAMPP (version 7.3.1)
 2. Database Server : MySQL
 3. IDE : Sublime
- ✓ Languages
 - Laravel as backend
 - HTML5
 - CSS3
 - Bootstrap and JQuery (frontend framework)

4.3 Use case of Easybazar

E-COMMERCE WEBSITE

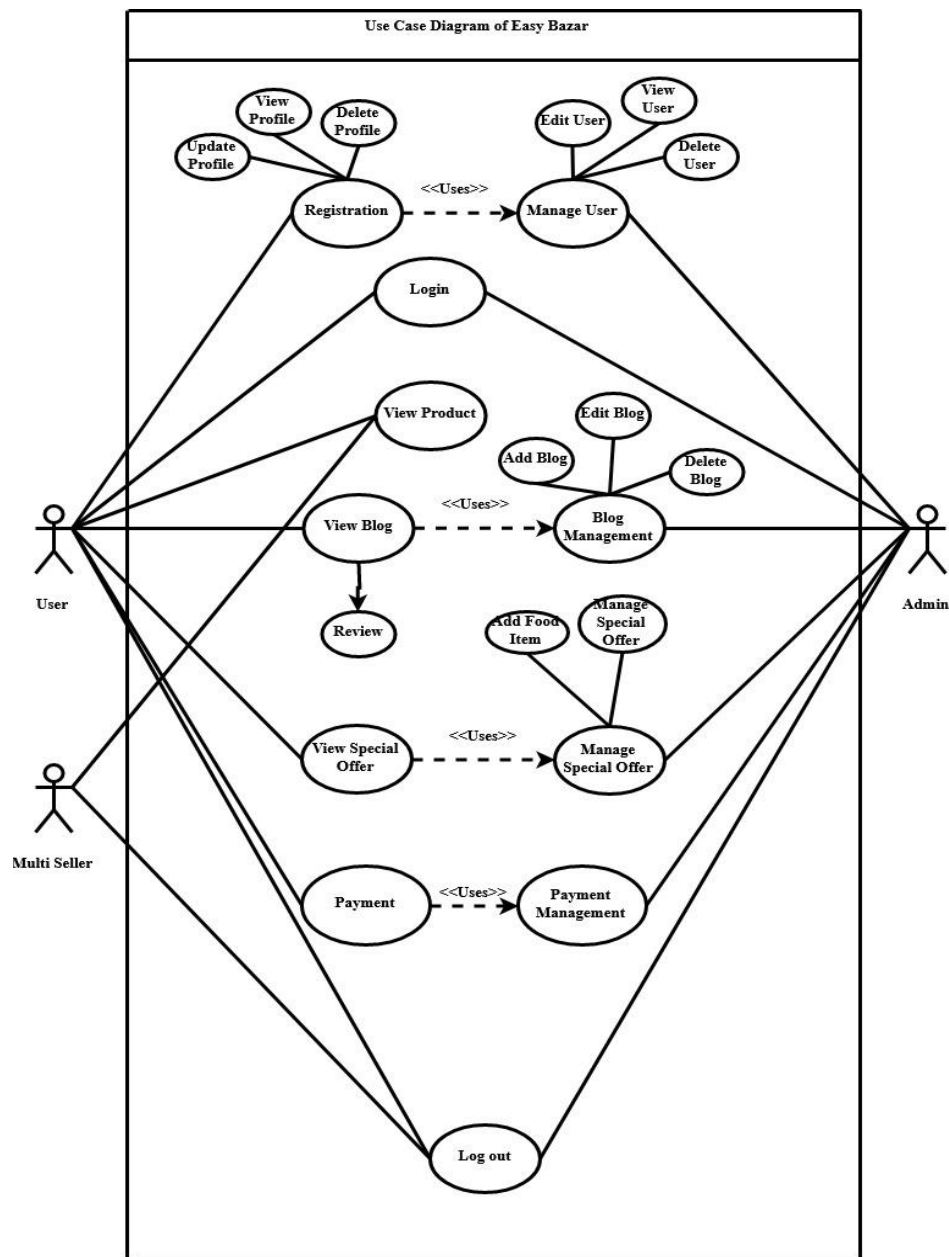


Figure 4.1: Use Case Diagram of Easybazar

4.4 Use Case Description

Use case depicts the interface. It causes the clients to comprehend the framework with no demo, it resembles the introduction of UI subtleties venture.

4.4 DFD Diagram of Easybazar

4.4.1 DFD Diagram0 Level of Easybazar

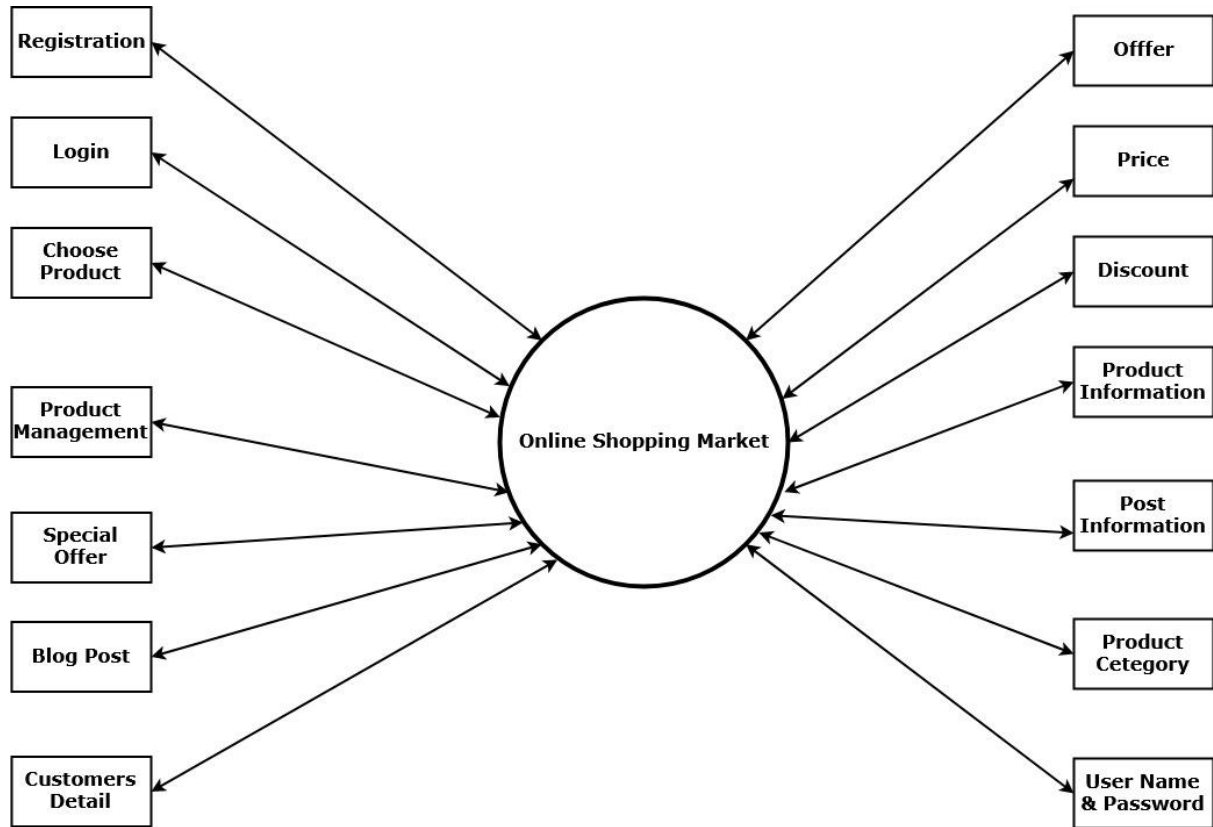


Figure 4.2: DFD 0 Level Diagram of Easybazar

4.4.2: DFD Diagram 1 Level of Easybazar

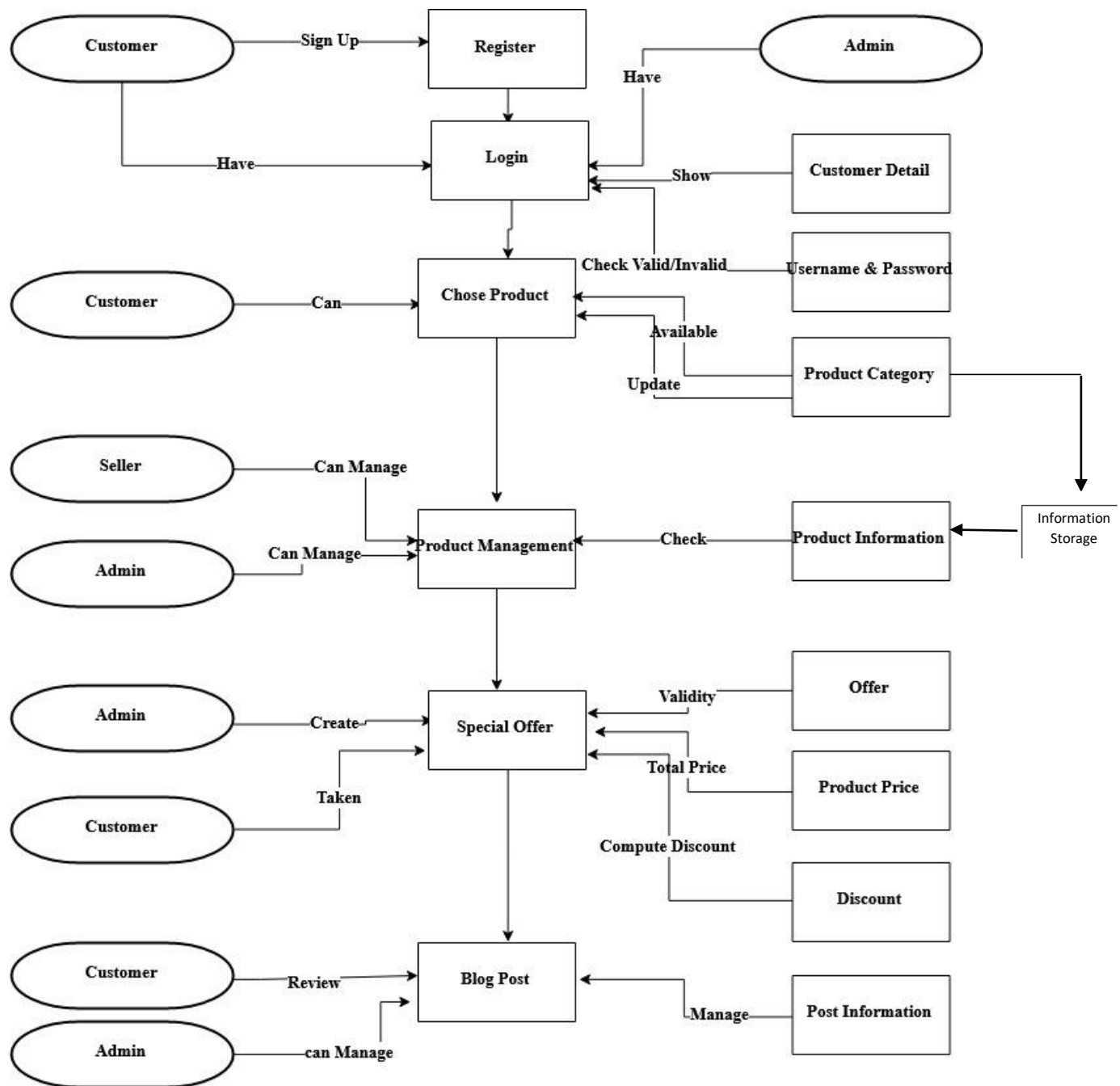


Figure 4.3: DFD 1 Level Diagram of Easybazar

4.5 Activity Diagram of Easybazar

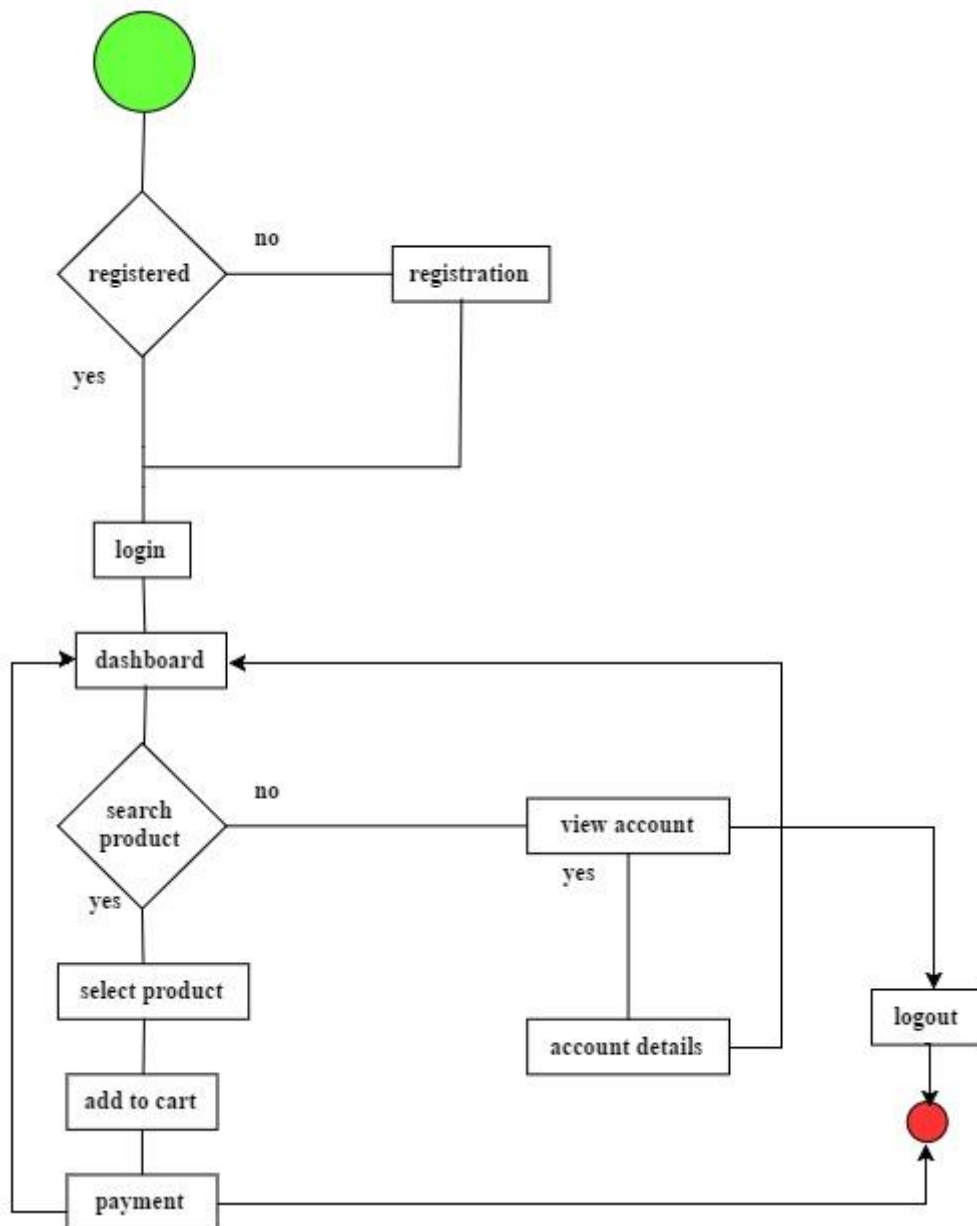


Figure 4.4: Activity Diagram of E Easybazar

4.6 Sequence Diagram of Easybazar

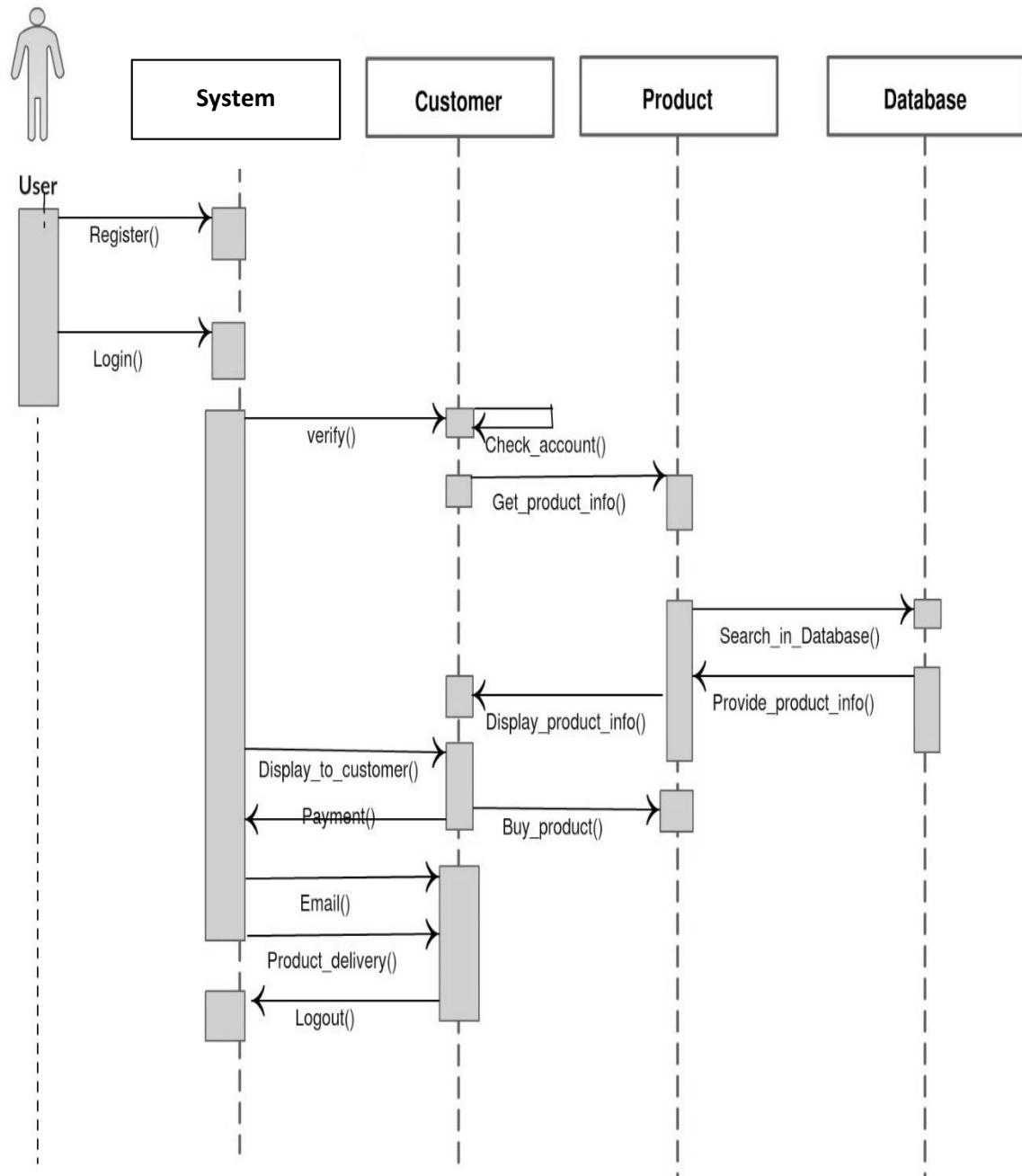


Figure 4.5: Sequence Diagram of Easybazar

4.7 Class Diagram of Easybazar

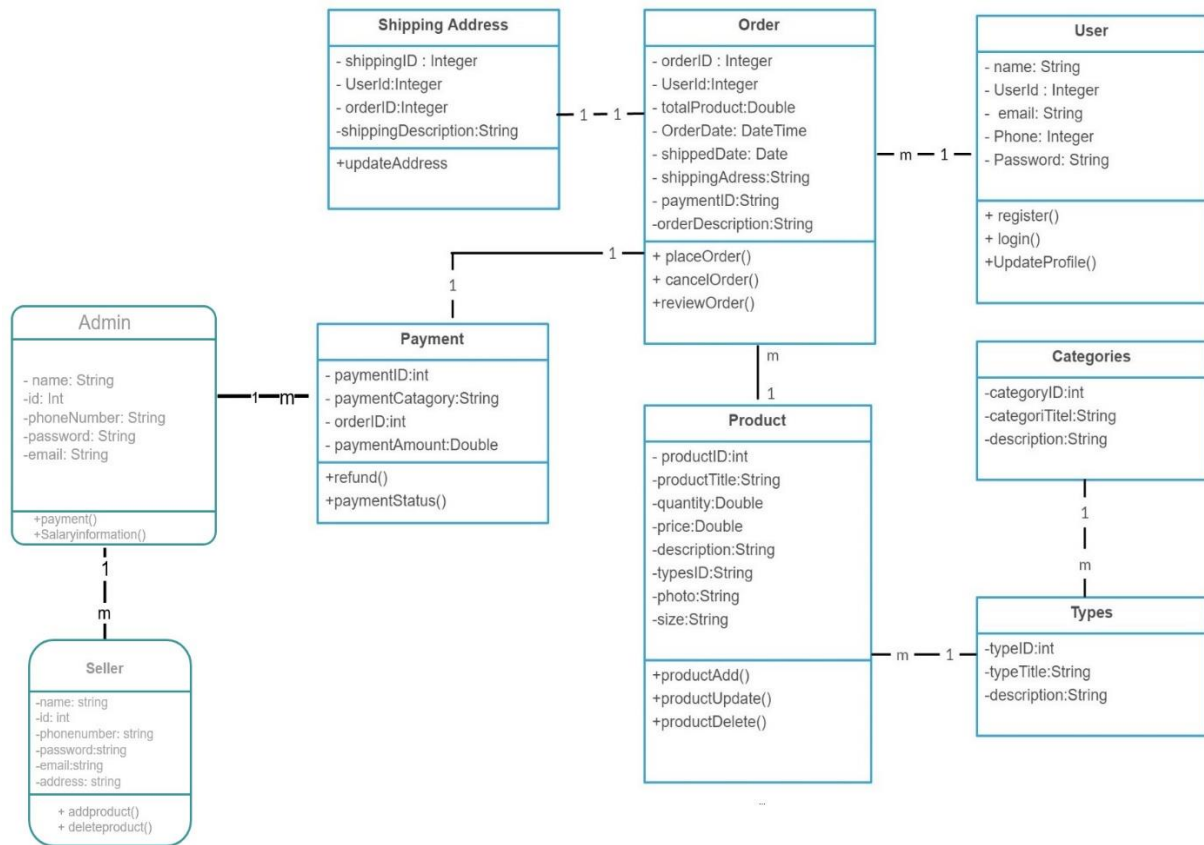


Figure 4.6 : Class Diagram of Easybazar

4.8 Deployment Diagram of Easybazar

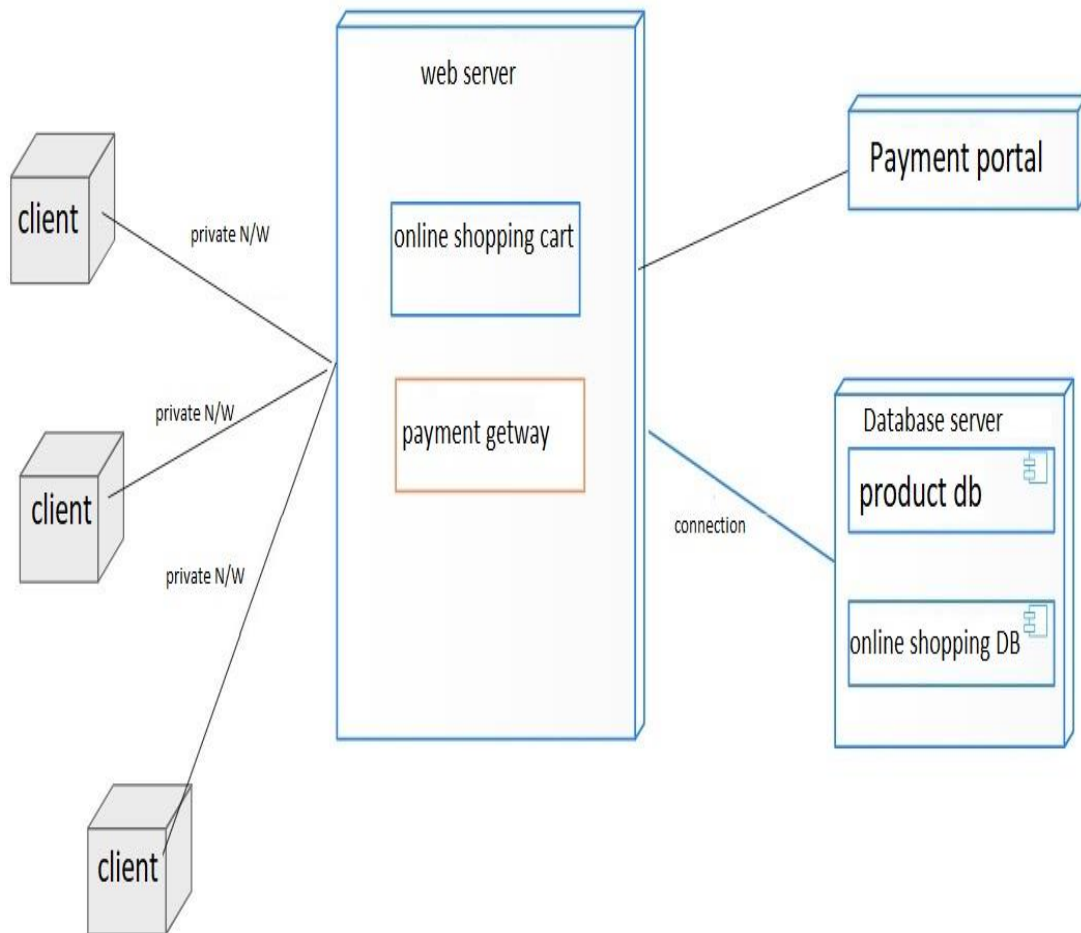


Figure 4.7: Deployment Diagram of Easybazar

4.9 ER-Diagram of Easybazar

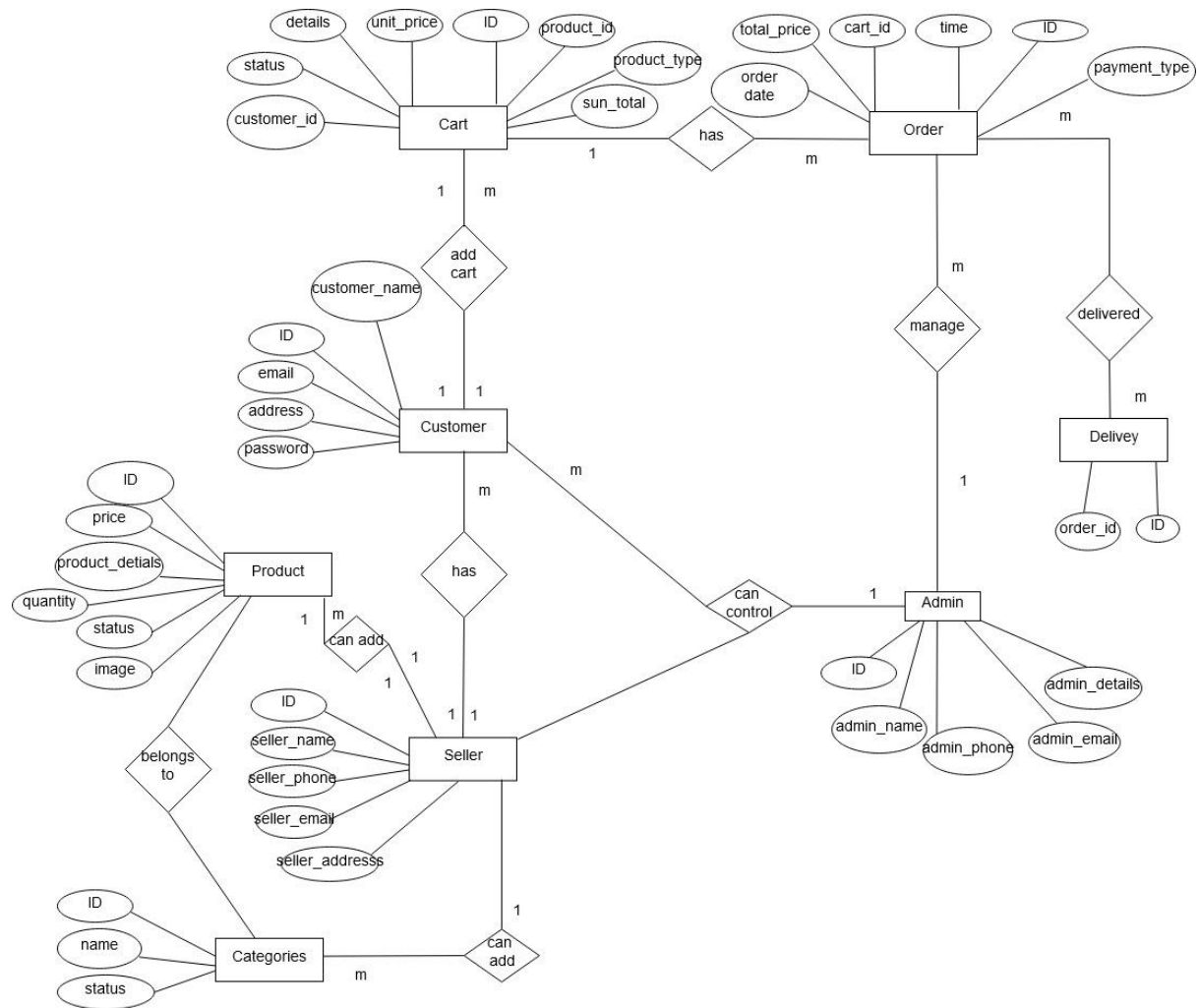


Figure 4.8: ER Diagram of Easybazar

CHAPTER 5 IMPLEMENTATION

5.1 Frontend Design

5.1.1 Frontend Design for User

Home page

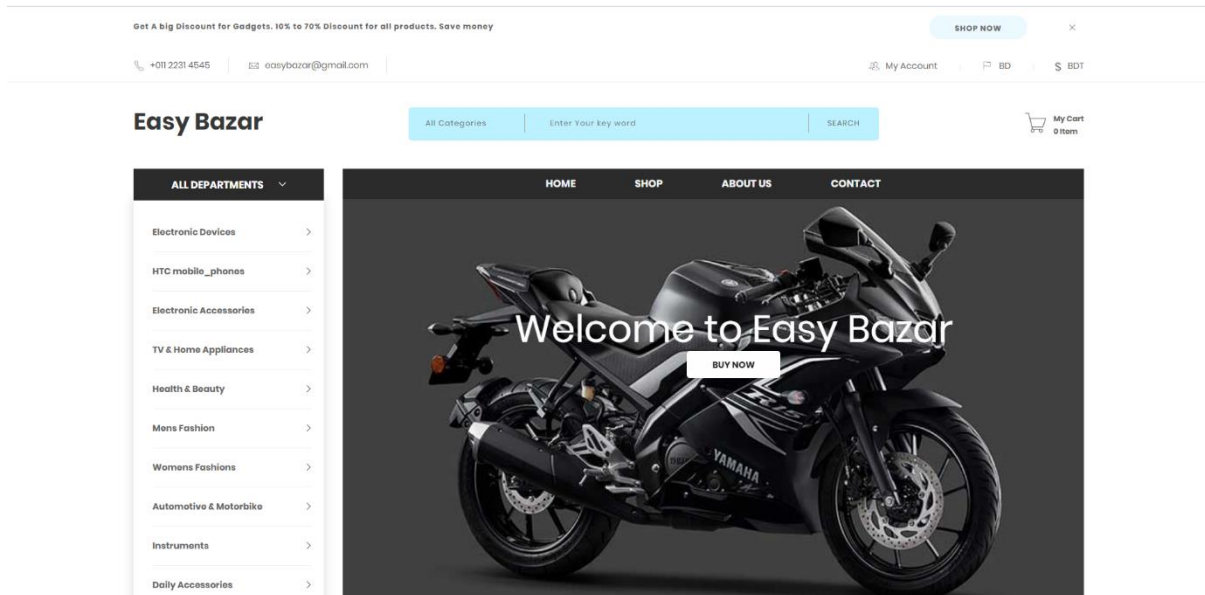


Figure 5.1: Home Page

Latest Product

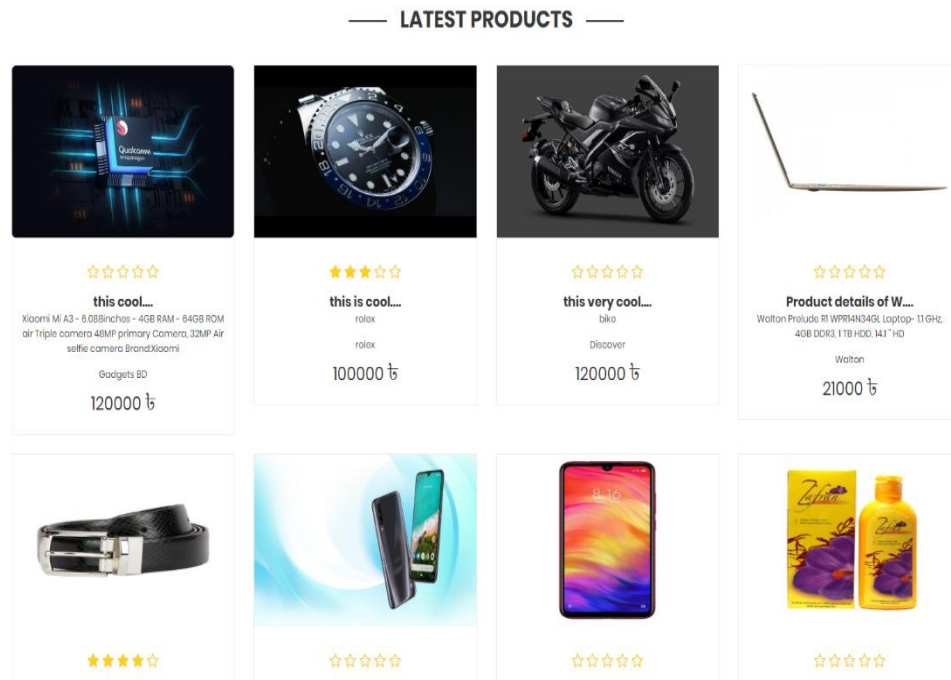


Figure 5.2: Latest Product Page

About US:

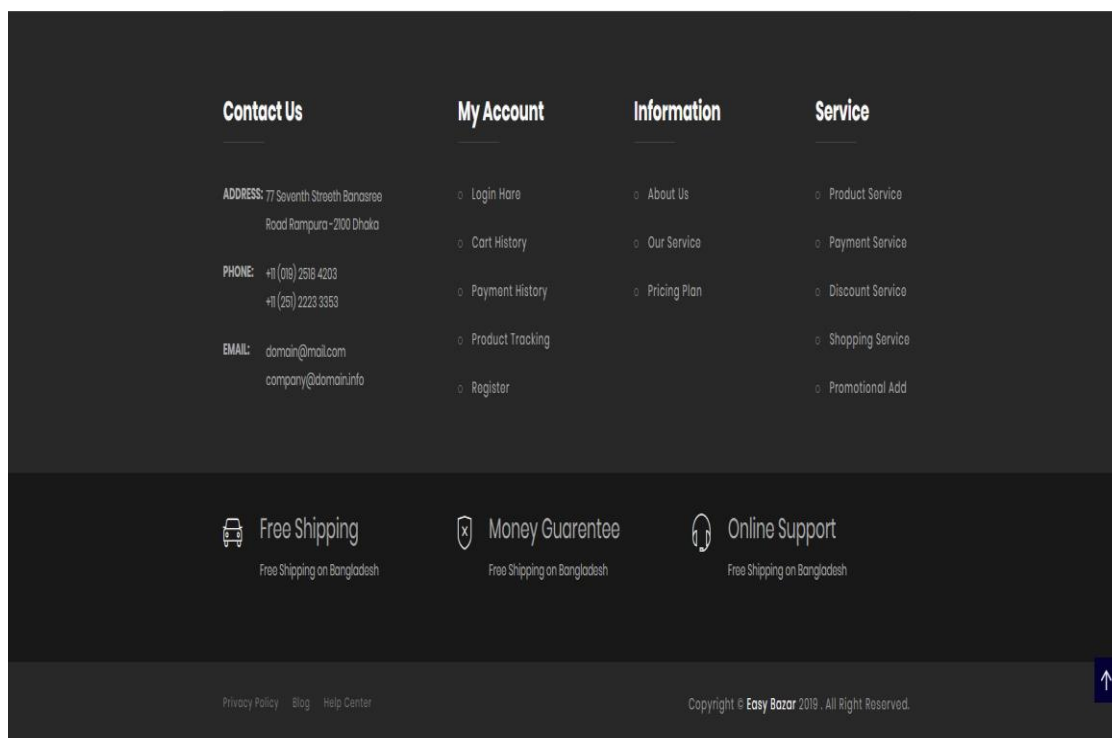


Figure 5.3: About US

Review Page

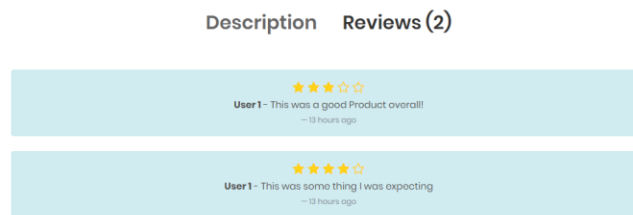


Figure 5.4: Review page

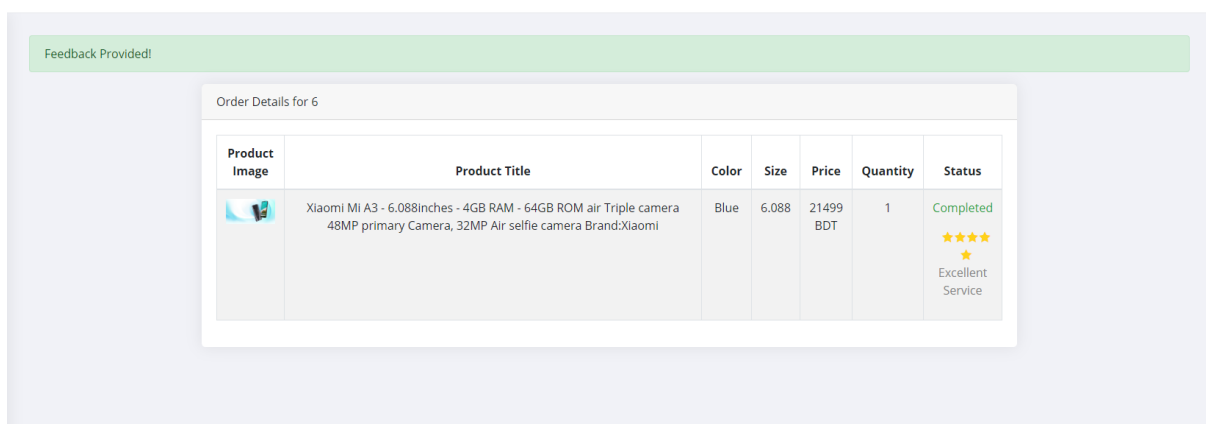


Figure 5.5: Order Details

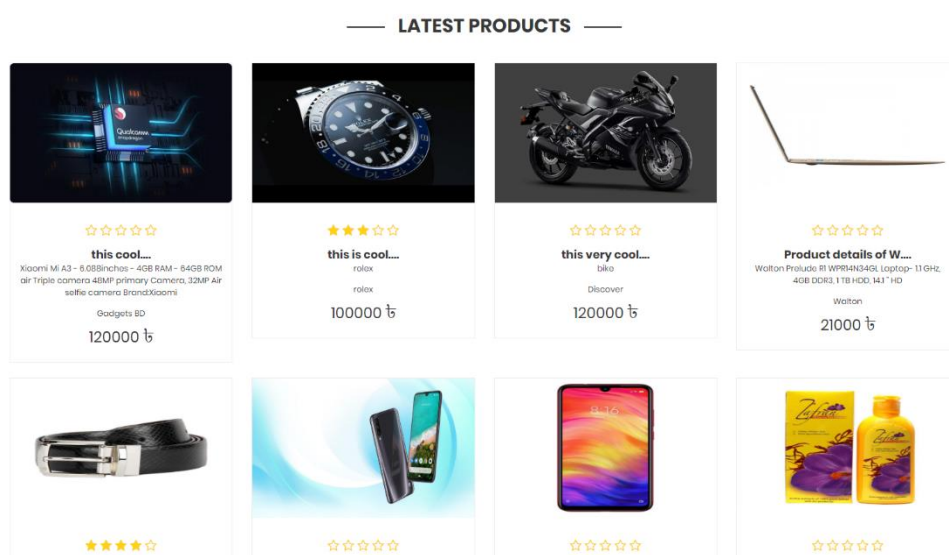


Figure 5.6: Latest Product

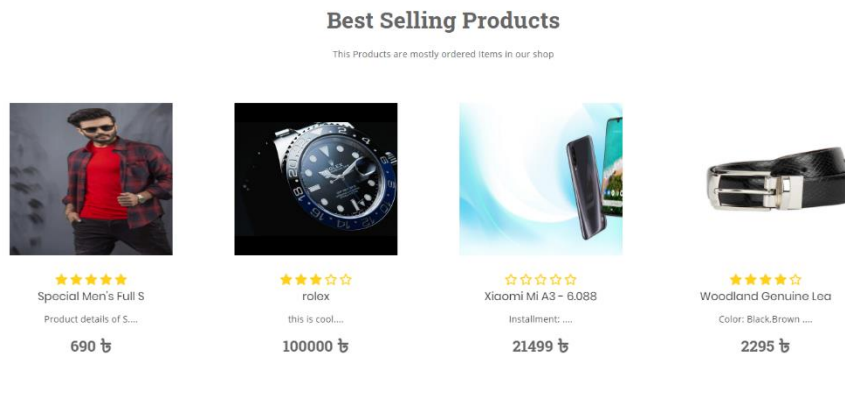


Figure 5.7: Best Selling Products

BILLING DETAILS

Name *

Address *

Email Address * **Phone ***

Transaction ID *

SHIP TO ANOTHER PERSON? ☒

Name *

Address *

YOUR ORDER

PRODUCT	TOTAL
Xiaomi Mi A3 - 6.088inches - 4GB RAM - 64GB ROM air Tripla camera 48MP primary Camera, 32MP Air selfie camera BrandXiaomi #1	21499
CART SUBTOTAL	21499 BDT
ORDER TOTAL	21499 BDT

Bkash
Make your payment directly into our bank account. Please use your Order ID as the payment reference. Your order won't be shipped until the funds have cleared in our account.

DBBL
Nagad

PLACE ORDER

Figure 5.8: Billing Details

Easy Bazar

- Dashboard
- UI ELEMENTS
 - Components
 - Tables
 - Forms
- ICONS
 - Icons
 - Widgets
 - Charts
 - Maps
- EXTRAS
 - Pages

Order Placed Successfully

Payment Verification Pending Orders

Show 5 entries

Search:

Order Date	Order ID	No of Products	Trx ID	Note	Status	Action
2019-11-23 09:57:49	6	1	vfdg343er	Please Call me	Payment Verification Pending	View Details

Showing 1 to 1 of 1 entries

Previous 1 Next

Payment Verified Orders

Order Date	Order ID	No of Products	Total Amount	Total Paid	Trx ID	Note	Status	Action
------------	----------	----------------	--------------	------------	--------	------	--------	--------

Processed Orders

Show 5 entries

Search:

Figure 5.9: Order Placed

Frontend Design for Seller

The screenshot displays the 'Easy Bazar' dashboard with a sidebar menu containing 'Dashboard', 'Category', 'Add Product', 'Show Products', and 'Orders'. The main content area is divided into two sections: 'Add Category' and 'All Category'.

Add Category Form:

- Category Name:
- Category Slug:
- Select:
-

All Category Table:

Name	Slug	Parent Category	Action
Action/Video cameras	action/video_cameras	Electronic Devices	Edit delete
All In One	all_in_one	Desktops	Edit delete
Apple Mobile Phones	apple_mobile_phones	Mobiles	Edit delete
Audio	audio	Electronic Accessories	Edit delete
Automotive & Motorbike	automotive & motorbike	-	Edit delete
Camera Accessories	camera_accessories	Electronic Accessories	Edit delete
Camera Lenses	camera_lenses	Electronic Devices	Edit delete

Figure 5.10: Category

The screenshot displays the 'Easy Bazar' dashboard with a sidebar menu containing 'Dashboard', 'Category', 'Add Product', 'Show Products', and 'Orders'. The main content area shows the 'Add Product' form.

Add Product Form:

- Product Name:**
- Company Name:**
- Category:**
- Product Price:**
- Product Quantity:**
- Product Color:**
- Size:**
- Product Model:**
- Description:**

Buttons:

Figure 5.11: Dash Board

Orders					
Show 5 entries			Search:		
Order Date ↑↓	Product Details ↑↓	Specifications ↑↓	Notes & Status ↑↓	User Details ↑↓	Action ↑↓
23-11-2019	Title: Xiaomi Mi A3 - 6.088inches - 4GB RAM - 64GB ROM air Triple camera 48MP primary Camera, 32MP Air selfie camera Brand: Xiaomi 	Color: Blue Size: 6.088 Price: 21499 BDT Quantity: 1	Note: Please Call me Status: Order Placed	Name: User 1 Phone: 01621482563	Confirm Order Cancel Order
Showing 1 to 1 of 1 entries					Previous 1 Next

Figure 5.12: Confirm/ Cancel Order

Easy Bazar Dashboard PRODUCT MANAGEMENT Category Add Product Show Products Orders		23-11-2019 Title: Special Men's Full Sleeve Casual Shirt By Swapon's World Code-SW1225S  Color: red Size: M Price: 690 BDT Quantity: 1 Note: N/A Status: Completed Name: User 1 Phone: 01621482563 Completed				
		23-11-2019 Title: Xiaomi Mi A3 - 6.088inches - 4GB RAM - 64GB ROM air Triple camera 48MP primary Camera, 32MP Air selfie camera Brand:Xiaomi  Color: Blue Size: 6.088 Price: 21499 BDT Quantity: 1 Note: Please Call me Status: Order Confirmed Name: User 1 Phone: 01621482563 Product Shipped				
		22-11-2019 Title: rolex  Color: black Size: Normal Price: 100000 BDT Quantity: 1 Note: N/A Status: Completed Name: User 1 Phone: 01621482563 Completed				

Figure 5.13: Product Management

Easy Bazar

Dashboard

PRODUCT MANAGEMENT

Category

+ Add Product

Show Products

Orders

Product List

Show 10 entries

Search:

Product ID	product name	Category	Price	quantity	Image	Action
32	0.5 mm MT 540 Professional Titanium Microneedle Derma Roller Hair Regrowth Acne Scars Anti-aging Skin Therapy Dermatology System	Skin Care	250 BDT/Pcs	BDT/Pcs		Edit delete
33	165pcs Computer Screws for Motherboard PC Case CD-ROM Hard disk Notebook Screws	All In One	633 BDT/Pcs	BDT/Pcs		Edit delete
34	Anonymous Mask - White	Mens Fashion	220 BDT/Pcs	BDT/Pcs		Edit delete
35	Beard Growth Oil - 30ml	Hair Care	170 BDT/Pcs	BDT/Pcs		Edit delete
36	Convection Microwave Oven - SM90D30AP-N9 - 30 LTR - Silver and Black	TV & Home Appliances	7000 BDT/Pcs	BDT/Pcs		Edit delete
37	Durex Condom Strawberry (3's) Pack	Mens Fashion	99 BDT/Pcs	BDT/Pcs		Edit delete

Figure 5.14: Show Product

Frontend Design for Admin

Easy Bazar

Dashboard

MANAGE USER

Seller Management

Seller Management

Active Seller

Inactive Seller

All Products

Slider Management

All Seller

Show10entries

Search:

Name	Email	Phone	Action
Seller 1	seller@gmail.com	01811150108	Enter the Deactive Reason Deactive
Seller 2	seller2@gmail.com	01761488926	Enter the Deactive Reason Deactive

Showing 1 to 2 of 2 entries

Previous

1

Next

Figure 5.15: Add Seller

Easy Bazar

Dashboard

MANAGE USER

Seller Management

Seller Management

Active Seller

Inactive Seller

All Products

Slider Management

All Seller

Show10entries

Search:

Name	Email	Phone	Action
User 1	user@gmail.com	01914108380	active

Showing 1 to 1 of 1 entries

Previous

1

Next

Figure 5.16: Seller Inactive

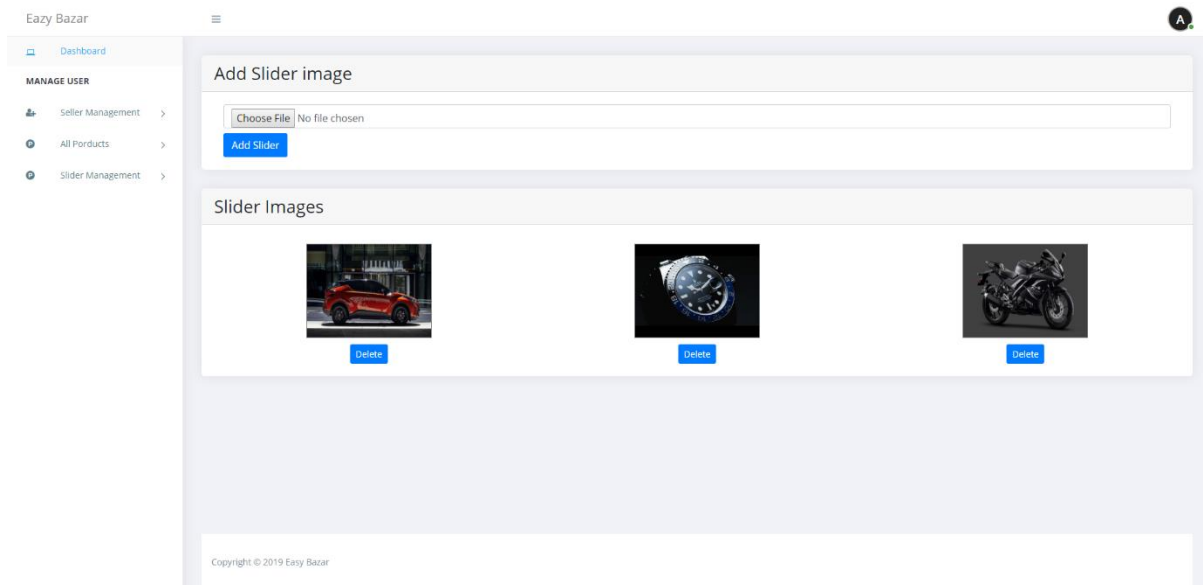


Figure 5.17: Add Slider

Backend Design

Table	Action	Rows	Type	Collation	Size	Overhead
failed_jobs	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_unicode_ci	16 K18	-
images	Browse Structure Search Insert Empty Drop	112	InnoDB	utf8_unicode_ci	32 K18	-
migrations	Browse Structure Search Insert Empty Drop	14	InnoDB	utf8_unicode_ci	16 K18	-
orders	Browse Structure Search Insert Empty Drop	6	InnoDB	utf8_unicode_ci	48 K18	-
order_details	Browse Structure Search Insert Empty Drop	7	InnoDB	utf8_unicode_ci	64 K18	-
password_resets	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_unicode_ci	16 K18	-
products	Browse Structure Search Insert Empty Drop	33	InnoDB	utf8_unicode_ci	112 K18	-
product_categories	Browse Structure Search Insert Empty Drop	61	InnoDB	utf8_unicode_ci	48 K18	-
product_details	Browse Structure Search Insert Empty Drop	33	InnoDB	utf8_unicode_ci	32 K18	-
product_ratings	Browse Structure Search Insert Empty Drop	5	InnoDB	utf8_unicode_ci	32 K18	-
reasons	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8_unicode_ci	32 K18	-
shippings	Browse Structure Search Insert Empty Drop	8	InnoDB	utf8_unicode_ci	32 K18	-
sliders	Browse Structure Search Insert Empty Drop	0	InnoDB	utf8_unicode_ci	16 K18	-
sliders	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8_unicode_ci	16 K18	-
users	Browse Structure Search Insert Empty Drop	4	InnoDB	utf8_unicode_ci	32 K18	-
15 tables	Sum	290	InnoDB	latin1_swedish_ci	544 K18	0 B

Figure 5.18: Database

Get A big Discount for Gadgets. 10% to 70% Discount for all products. Save money

SHOP NOW

+011 2231 4545 | easybazar@gmail.com | Logout | BD | \$ BDT

Easy Bazar

All Categories | Enter Your key word | SEARCH

My Cart 0 item

Seller Register

All fields are required

Name

Mobile Number

E-Mail Address

Password

Confirm Password

Register

Figure 5.19: Seller Registration

Get A big Discount for Gadgets. 10% to 70% Discount for all products. Save money

SHOP NOW X

+011 2231 4545 easybazar@gmail.com My Account BD \$ BDT

Easy Bazar All Categories Enter Your key word SEARCH My Cart 0 Item

Register

All fields are **required**

Name:

Mobile Number:

E-Mail Address: Please fill out this field.

Password:

Confirm Password:

Register

Figure 5.20: User Registrar

CHAPTER 6

TESTING AND EVALUATION

6.1 Testing

With testing phase, we checked it for the bugs of the application. Without any bug, the application is ok but if any bug found then we will use some method to fix the bugs.

6.2 Testing List

1. Functionality Testing
2. Usability Testing
3. Interface Testing
4. Database Testing
5. Compatibility Testing
6. Performance Testing
7. Security testing

6.2.1 Functionality Testing

Functionality testing is for checking the links of pages, form testing, cookie testing and database connection testing.

Test Forms are working as probable including-

- ✓ Without filling a mandatory field, then an error message will be shown.
- ✓ Default values will be checked again.
- ✓ Users same information will not be accepted again in the database.

Test Cookies are doing well. Cookie is a small file that keeps the user active so that user doesn't need to login again. It is like keep a session for the user.

- ✓ Deleting cache means also delete cookies.

Test HTML and CSS

- ✓ Check syntax error
- ✓ Readable Color Schemas
- ✓ Check standard compliance such as W3C, OASIS.

6.2.2 Usability Testing

The navigation bar and grammatical errors of a web pages are checked by usability testing. Also checks if the pas is user-friendly.

Navigation testing:

Button, links, menu and other options should work properly in different size of pages and reliable on all devices.

Content Testing:

- ✓ The grammatical error & spelling mistakes are checked.
- ✓ If image not found, then an “alt” text will be shown.

6.2.3 Interface Testing

The proper interaction between users input value and the database server are checked by interface testing. Interface testing confirms about not showing any error messages.

There are three types of interface testing:

- ✓ **Application:** If the information is ok, user do not get any error message but if the information sent to the server is wrong, user will get error message.
- ✓ **Web Server:** It manages all application requests short of any service rejection.
- ✓ **Database server:** Runs query to show exact result from the server.

6.2.4 Database Testing

Database testing is the main fact of any web application.

- ✓ While CURD operation in database, database testing maintains data integrity.
- ✓ Return proper result executing queries.
- ✓ Also checks the response time of query executed in the database.
- ✓ Read from the database and shows the accuracy of the data.

6.2.5 Compatibility Testing

Responsiveness in different devices is checked by compatibility testing which include-

Browser Compatibility Test:

Any program will bolster the site similarly. Will responsive is on various gadgets. Every one of the capacities will work appropriately in an alternate program like google chrome, Mozilla Firefox, Opera smaller than expected, and so forth and furthermore check versatile programs.

6.2.6 Performance Testing

Execution testing checks web burden and web pressure. Web load testing checks for some, clients can get to a similar page simultaneously. Likewise, a site page can deal with the substantial burden or not. Web pressure testing checks about the webpage that how it responds and recuperates during the pressure time.

- ✓ Application will response depending on internet speed.
- ✓ Decrease load time for server side store empower.
- ✓ It is checked that how will a site recover when a crash occurs due to peak load.
- ✓ Sometimes the application crashes due to maximum load, from such an event, how will our site recover from it.

6.2.7 Security testing

Security testing principle certainty of any framework. Unregistered clients can't get to interior pages. Administrator board isn't open for end client. Security testing will incorporate

- ✓ Without login user cannot access secure pages.
- ✓ Without appropriate access some documents should not be downloadable.
- ✓ Long time inactive user sessions will be automatically deleted.

CHAPTER 7

CONCLUSION AND FUTURE WORK

7.1 Conclusion

Thoroughly consider that abroad, they completely offer need to their family since they know how significant is a relative. So at last, time is truly important and we will guarantee that you will have your family with you and we will give each need of you. Just you need you to visit us on the web, put in your request. Your time, cash everything will be spared. Our site will make greater business, diminish physical work for you, no compelling reason to disregard anything or any item, spare time. We built up this site in light of the fact that numerous different locales like this have numerous issues that we are have illuminated with our one.

7.2 Future Work and Plan

We will make our security stronger to find out real users. Using customer's feedback, we will find both customer and seller information about any cheating. Integrate Payment system. Also we will Develop in our website delivery system and Blog Management for Customers review. we will be adding worldwide service in future. Product delivery system will be adding also in our project. Present we use API free version OpenCage GeoCoder for Location Truck, in future when we launch our site we want buy and add google API for Location Truck.

References

- [1] Syed Emdad Ullah, Developing an E-commerce website, IEEE, 16177709, 28 July 2016 IEEE
- [2] E.L. Thompson, S. D. Nowicki, T. Mayer, "Unified Modeling Language" in Professional PHP, Indianapolis, Indiana :Wiley, pp. April, 2019 Google Scholar
- [3] Ajkerdeal, [online] available at <https://ajkerdeal.com/> (Access Time: 01 October 2019)
- [4] Retailbd, [online] available: <https://retailbd.com/> (Access Time: 02 April 2019)
- [5] Bootstrap, Last update on 02 April 2019 [online]
available:<https://getbootstrap.com/docs/4.2/getting-started/introduction/>
- [6] W3Schools, Last update on 03 April 2019[online] available :<https://www.w3schools.com/>
- [7] JQuery, Last update on 03 April 2019 [online] available at <https://jquery.com/>
- [8] Laravel, Last update on 02 April 2019 [online]
- [9] available: <https://laravel.com/docs/5.7> [Last update on 02 April 2019]
- [10] Lucidchart, Visited on 3April 2019 [online] available :<https://www.lucidchart.com/>