

An Ecommerce Marketplace for both buyer and seller:” E-Market”

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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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APPROVAL

This Project named Develop an Ecommerce marketplace buyer and seller “E-Market” submitted by **Noor-E Jannat** and **Md. Shomick Hasan** to the Department of Computer Science and Engineering, Daffodil International University, has been took as agreeable for the partial accomplishment of the conditions for the degree of B.Sc. in Computer Science and Engineering and approved as to its manner and contents. The present has been held on 5 December 2021.

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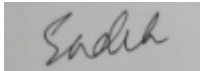
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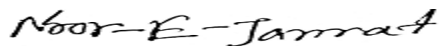
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ABSTRACT

E-Market is an ecommerce marketplace between seller and buyer where a buyer upload his or her own manufacturing or commercial product images or videos and buyer order it if his or her choices. This paper introduce with our developed ecommerce marketplace E-Market. Resent statistic of ecommerce in Bangladesh. And little bit of survey for people reaction and involvement with ecommerce in Bangladesh. It have contain DFD, Use case diagram and Database design for this project. This report contain some table that have analysis requirement for our project with survey report demand and show again its system testing part expected outcome vs accrual outcome.

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CHAPTER 1

Introduction

1.1 Objective of project:

A suitable market place development for startup. The main ideal of our design is to produce a trade for youthful entrepreneurs in Bangladesh, where they can fluently run their business. E-Market is an ecommerce marketplace between seller and buyer where a buyer upload his or her own manufacturing or commercial product image or video and buyer order it if his/ her choses. Both buyer and seller can introduce by admin. A seller only can upload image or video with product details, price buying offer. If buyer want to buy any product he doing order it first with checking product details. Buying product request is accept by a admin and he communicate with seller and collect product manually and deliver it via a delivery agency.

1.2 Motivation of project:

An online marketplace is an e-commerce site that connects sellers with buyers. Our site has the same purpose. Now a days startup entrepreneurs who want to do something new. There are many who are moving forward in realizing their dreams. Many people choose Facebook as one of their business platforms. However, in this case Facebook give some opportunities to all these entrepreneurs. There are advantage as well as some disadvantages. Due to which many entrepreneurs move away from their dreams. We made this site considering all these difficulties.

1.3 Expected outcome:

- User-friendly marketplace for seller and buyer.
- Easy permeant gateway method.
- Product quality ensure.

- ❑ Withdraw option
- ❑ Server fast marketplace
- ❑ Create opportunity to run B2B, and B2C business model in a single platform.

CHAPTER 2

Background Study

2.1 Introduction

In our study contain crystal clear illustration about history and current picture citation in e-commerce request in Bangladesh. We accomplish in it secondary data that we've calm form government website report some exploration document. And we've short grain of check with our target users.

2.2 History of Ecommerce business development in Bangladesh

In 90's afterward to 2000's ancient launch tripe-commerce in Bangladesh, but in this time main trouble was need structure of internet service & installations, and government rules & regulation, but it take better praise form consumer (1). It'll raises day by day. In time 2016 rate of perforation13.2 and druggies figures was20.39 million. In the 2017 it was increases 3x and stoner number increases80.43 million and rete of perforation rate was48.4. and 2018 it was91.348 million users. 2019 it was99.428 million and 2020 in it was111.875. now December 2021 it have121.18 million. In this last one time length number of internet druggies will raises9.305 million according to Bangladesh Telecommunication Regulatory Communication (BTRCA). [2]

In February 2018 the mobile driver troop of Bangladesh start lunch 4G network in major megacity and its successionaly allocated 64 district . That the main account to increase internet users [3]

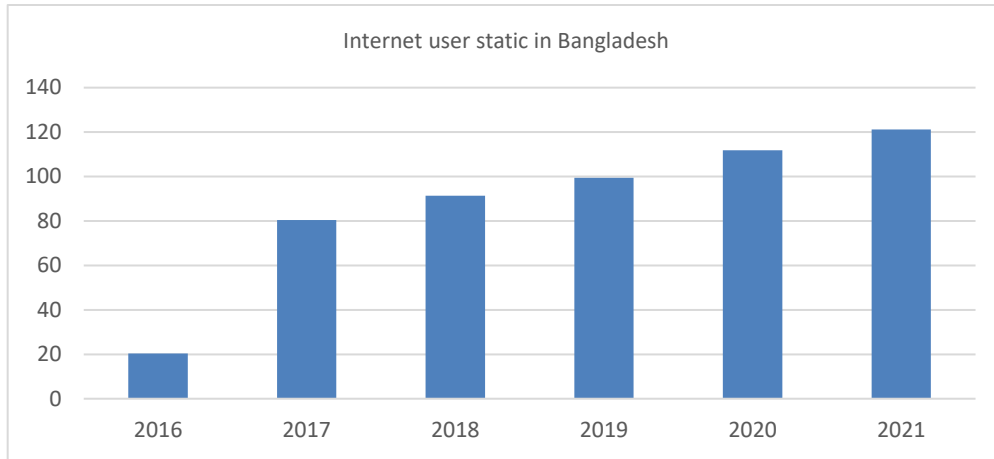


Figure 1: Internet user statistics in Bangladesh

After the Fastest internet rapidness and increases the number of internet user are the main crucial agent ecommerce business. Ecommerce request location amount jump in 2017. This report is issued by-CAB in 2007 (4). In this slam shows that it develops 70 increasable form 2016. This report hold ecommerce request ordeal 17 billion taka impress in 2017 from 4 billion in 2016.

Perspective of Bangladesh tread main for ecommerce there are 700 ecommerce spots and around 8000 ecommerce runners on Facebook. [5]

2.3 existing system available Bangladesh

There are lots of ecommerce website available in Bangladesh. The list show that we visited for study with respect to our project that list show in table below.

Table 1: some ecommerce website name in Bangladesh

| Name of the organizations | Business type |
|---------------------------|---------------|
| Daraz | B2C, B2B |
| Ajker Deal | B2C |
| Rokomari | B2C |
| Bikroy.com | C2C |
| Clickbd | B2C |
| Pickaboo | B2C |

We discuss here only Daraz and Bikroy.com because our project concept is similar with them.

Daraz

Daraz is a biggest e-commerce marketplace in Bangladesh. The main concept of Daraz is there are lots of sellers each seller is a retailer. They can upload their product image on the Daraz website. Then when a customer performs to buy this product, he needs to pay on Daraz, then it is sent to its seller. Daraz has a warehouse. Daraz sells their product as a retailer model. Daraz performs B2B and B2C [6]

Bikroy.com

Bikroy.com mainly performs C2C. Their main concept is for a consumer to communicate with another consumer. A consumer can create a sell post and another consumer performs to buy it. Consumer/buyer can directly manually communicate with a seller. And they perform buy and sell.

2.4 Difference between our Projects with existing system in Bangladesh

Our project is too much similar with Daraz and Bikroy.com but we have some different key points with Daraz. The main concept for our project is that an entrepreneur who has a manufactured product or commercial product.

- a. we have lots of categories the different are fruits, vegetables, homemade food, Traditional food, cloth etc.
- b. End level seller can join with us they have not needed a retailer shop.
- c. Seller verification system
- d. Seller can deliver their product with maintain own brand

2.5 Survey summary report and analysis

To archive User requirements we have a little bit of survey among the 40 people, who work for sell in social media, buy from social media and not engaged in both. This survey data collects from various districts in Bangladesh mainly Rajshahi, Dhaka, Nature, Gopalganj, Barisal, Khulna etc. [13][14]

we find that There are two types of main user in our project once **Seller & Bayer**.

In the seller side large, Mostly the young entrepreneur in our country run their business using through create social media business platform. Because it is a full free platform for a business and to run a business with little capital. Mainly those, who have own manufactured unique product they chose social media platform for sell their product. Not only have own manufactured product now a days some of little entrepreneur sell commercial products through his own banding on this platform as like as retailer.

The major product categories are

- ❖ Foods
- ❖ Cloth
- ❖ Cosmetics
- ❖ Fruits
- ❖ Furniture
- ❖ Cottage industries product
- ❖ Handicrafts
- ❖ Organic product
- ❖ Electronic
- ❖ Agro

And the buyer side, large number of people they want original product form first entity (farmer) and it is (E-market) is a Block chain between Customer and farmer. Buyer can directly communicate with farmer and fulfill their requirement.

This information collected form women and ecommerce form in Bangladesh [7] Facebook group. This group contain **1.1M members**. Every single member of this group have a social media business page and they run their business with own banding. It is a largest community of women entrepreneur in Bangladesh. [8]

Some business page screenshot are given below

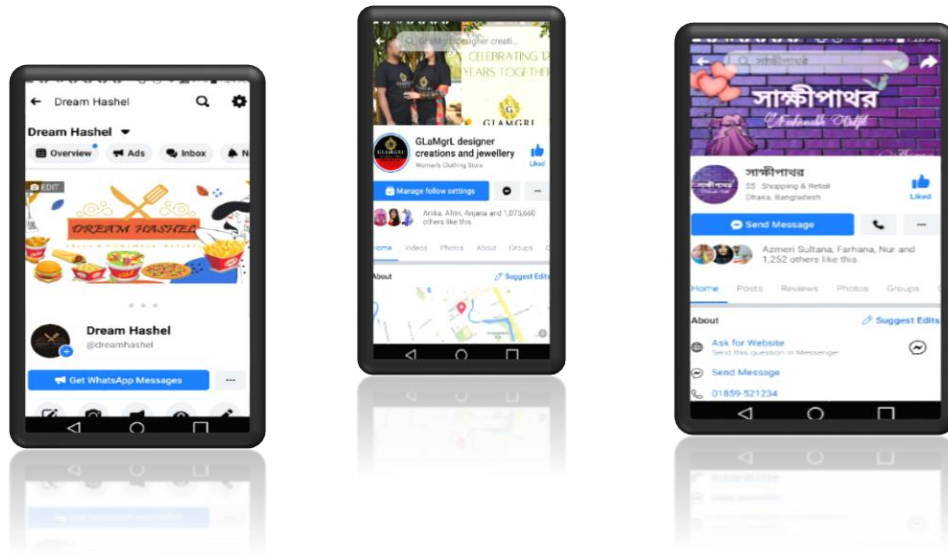


Figure 2: screenshot of some Facebook business pages.

Over all the largest number of entrepreneur work in various social media platform. This is shows on figure one. It is shows sample of some business page. once name is Dreamhashel they work with homemade food [9]. Another one is Shakkhipathor they work with handicraft [10]. Another one is glamor, design creation and jewelry.[11]

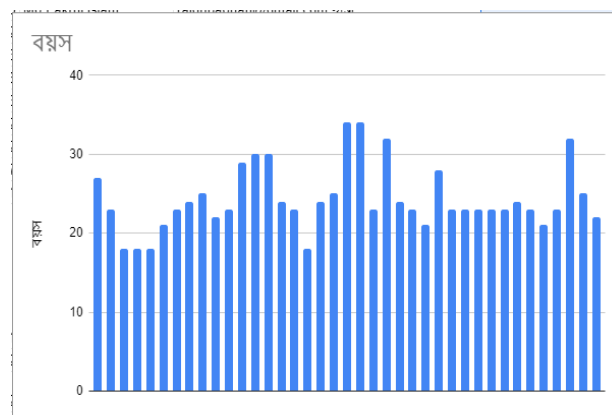


Figure 3: screenshot average age level of survey participant people

For analysis our requirement we collect our data form end users. Mainly we target some business entrepreneur who works in Facebook both buyer and seller both and none of them. The total number of participant in our survey was 40. The average age of the people in survey is 26 years.

The gender of my survey maximum number is female

- **62.5% female**
- **37.5% male**

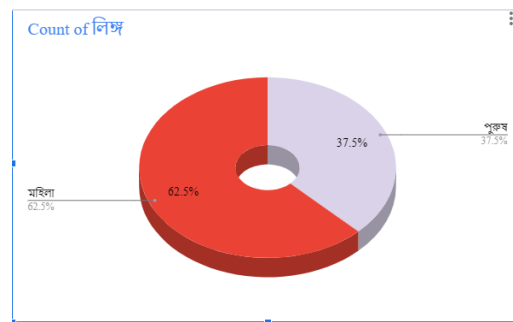


Figure 4: screenshot gender of our survey participant people

To result compare with my survey the female entrepreneur and buyer increases in day by day. Most provably it is great opportunity for a female entrepreneur. Those who is a house wife and student. Because it is can run with minimum capital. Some of female person they have some passions and hobby like **cooking**, the want to cook different new, and the want to sell for extra profit. It not only cooking it can also provide different product **cloth, jewelry, Cottage industries product, Handicrafts** etc.

And large amount of male entrepreneur also engaged with this type of business. Mainly student they work in deferent type of product. An example is Sundarbans fresh honey Facebook page.[15] a mail entrepreneur (Jony Islam) work for it. And he lives near to Sundarbans. And he is a student of Rajshahi University.

The maximum number of people are students in our survey -

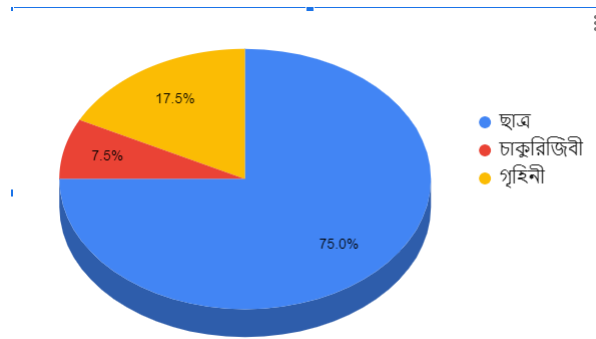


Figure 5: profession of our survey participant people

The survey consists

- **Student 75%**
- **House wife 17.5%**
- **Job holder 7.5%**

we analysis our survey report there the maximum number of participants are student. This business required small capital that's why student work on it and they try to earn some money for help their family.

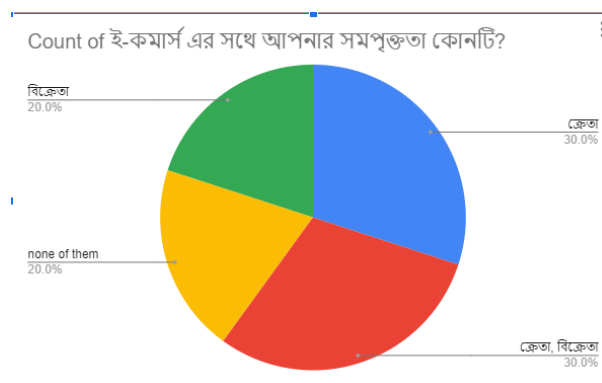


Figure 6: average role in ecommerce of our survey percipient people

- **35% people are seller in different product form different district**
- **45% people are buyer**

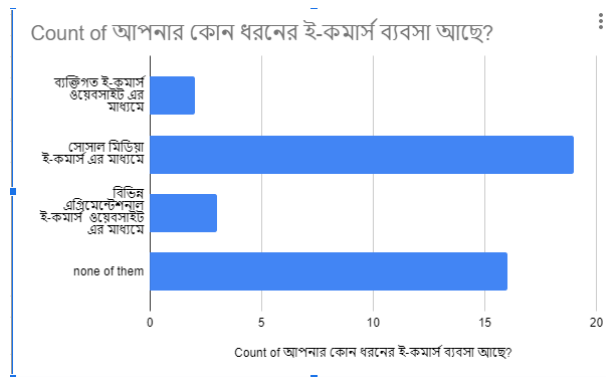


Figure 7: participant people uses type ecommerce platform of our survey

The most of the seller run their business using through social media platform. Because the maximum seller stay in ruler area in Bangladesh. They have not strong capital and they have not a retailer shop.

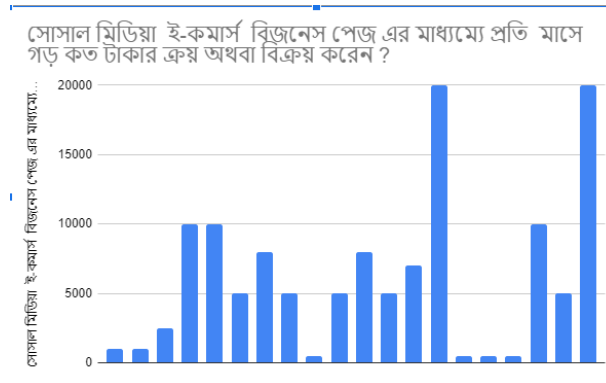


Figure 8: monthly average buy & sell of our survey

Bangladesh don't have any market place for a seller and who want to run business with own banding. And I want to know this survey If such e-commerce marketplace is created in Bangladesh, e-commerce business will grow and more new entrepreneurs will be created.

The maximum number of people of my survey it want. And they told that social media business have some disadvantage like

- Need large number of like or follower for reach their product

- It has not order button and order confirm and date time limitation system
- It has not product quality ensure system.
- Permeant method not included
- Cannot generate sales report

The main purpose our survey-

We found that Now a days a largest number of entrepreneur run their business in social media platform.

- ✓ If a marketplace (like freelancer of up work) is created for them where there will have large amount of buyers and sellers, how much profit and how does easily run their business.
- ✓ What feature will be added to facilitate business management Analysis whether it is more useful than social media business page.

97.5% buyer and seller agree for create this type of marketplace

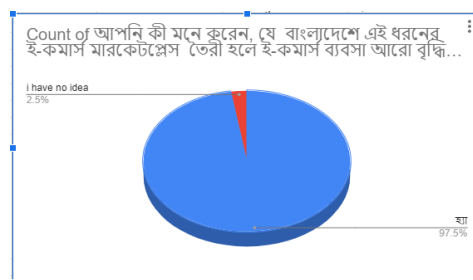


Figure 9: user feedback of our survey

They want the feature included with this marketplace and we found visit some ecommerce website

- Order confirmation SMS system
- User friendly system
- Easy and multipole permeant getaway
- Sell and purchase system more interactive
- Independent system
- Strong security system
- Original product quality ensure
- Easy registration system

আপনার মতে এই ধরনের ই-কমার্স ওয়েবসাইট কি কি ফিচার সংযুক্ত করলে একজন উদ্যোক্তার কাছে ইউজার ফ্রেন্ডলি হবে এবং খুব সহজেই ব্যবসা পরিচালনা করতে সুবিধা হবে?

40 responses

আমার মতে ফিচারগুলো যাফেট থাকলেও তার প্রয়োগটা পরিপূর্ণ বা যথাযোগ্যভাবে হচ্ছে না আমাদের দেশে। যে ফিচারগুলো আছে ওগুলোকে পরিপূর্ণ ব্যবহার করা হলেও তা যাফেট বলে আমার মনে হয়।

ওয়েবসাইটে আগ্রহডকৃত নমুনা বা নকশা গুলোর অধিকার স্বস্থ নিশ্চিত করার মতো কোন ফিচার থাকলে ভালো হয়।

পরিবন সেফ্টের সাথে ভালো সমন্বয় থাকটা জরুরি।

প্রথমত, সহজগম্যতা। বর্তমানে নতুন উদ্যোক্তাদের ই-কমার্সে যুক্ত হতে গেলে যে পরিমাণ নিয়ম-কানূনের বেড়াগুলো পড়তে হয় তাতে অনেকেই আর ই-কমার্সে যুক্ত হবার আগ্রহ দেখায় না। কিন্তু যদি তুলনামূলক সহজ নিয়মন পদ্ধতি থাকে তাহলে অনেক সস্তাবনাময়ী উদ্যোক্তা এগিয়ে আসার সাহস পায়।

দ্বিতীয়ত, ক্রেতা ও বিক্রেতার মাঝে মেসেজিং সুবিধা। এটা ক্রেতা-বিক্রেতার পারস্পরিক যোগাযোগ যেমন বৃদ্ধি করবে, তেমনি চাহিদামত সঠিক পণ্য বেছে নেয়া সুবিধা হবে।

আপনার মতে এই ধরনের ই-কমার্স ওয়েবসাইট কি কি ফিচার সংযুক্ত করলে একজন উদ্যোক্তার কাছে ইউজার ফ্রেন্ডলি হবে এবং খুব সহজেই ব্যবসা পরিচালনা করতে সুবিধা হবে?

40 responses

Indipendent

Easy prement getway

Customer support as like make shure customer get exact qualeted product

i dont have any idea

yes

i have no idea

vat charge minimized

fast delivery, many kind of payment method

Easy payment system

Figure 10: user demand of our survey

CHAPTER 3

Requirement analysis

3.2 Purpose:

The primary thing of system requirement Specification are outline and delineate function and specification of E-market. Our system need to distinct Requirement in clear tenures, the system primary uses and needed functionality as specified.

3.2 Scope

E-Market is a web based system being lots of product, buyers and sellers in a single platform. It produce for a customer buy or sell lots of product via the internet.

The E-Market system allows to any user to create a account become a seller or buyer. The customer, through the process of account creation, will have the option to become a member of the site. The system will allow customers to browse, search, select,

if the customer create account as a seller. He/she can upload his sell post with upload products photos videos and description. And also seller generate his sells report. Communicate with customer. Seller should verified his account with KYC verification system.

Else a customer browse and explore E-Market if he want to buy a product he need to create a account for archive E-Market membership then he buy something. And secured payment to its buyer. And review product. And doing appeal of against a seller to admin. Seller should verified his account with KYC verification system.

Admin play role to accept KYC request. Perform block and unblock a user to analysis user appeal report.

3.3 External interface requirement

User interface: Each portion of the user interface intends to be as addict friendly as achievable. The fronts and buttons applied will be allowed to be certifiably presto and effortlessly to load on webpage. The page will be kept glow in place so that it won't grip a lengthy moment for the page to load.

3.3.1 Hardware interfaces

- 1. Processor:** Pentium or higher
- 2. RAM:** 512MB or higher

3.3.2 Software interface

- 1. Operating system:**
- 2. Development tool:** Laravel8(PHP - Hypertext) Framework, JavaScript, JQUERY AJAX
- 3. Database:** MySQL

3.3.2 Communication interface:

The website arrangement system shall transfer an-mail/ dispatch/ announcement communication to the client that the particulars they ordered will be delivered to the shipping declamation along with stoner identification.

3.4.1 Seller side

Table 2: Functional Requirement of seller side

| ID | Type | Requirement Statement | Must/Want | Comment |
|-----------|----------------------|--|------------------|---|
| FR001 | Create account | For membership of seller must need to create account as seller | Must | |
| FR002 | Login | For access seller profile need to login season | Must | Seller can't access without login |
| FR003 | Account verification | for filtering fake membership need to verify account | Must | Account verification document seller should must be upload NID picture to admin |

3.4.2 Buyer Side

Table 3: Functional Requirement of buyer side

| ID | Type | Requirement Statement | Must/Want | Comment |
|-------|-------------------|--|-----------|--|
| FR001 | Browse and search | Seller can Brows E-Market | Must | If buyer not yet member but also he access to see all post |
| FR002 | Buy | If choose product then function | | When perform to buy need login first |
| FR003 | Registration | For membership need complete buyer registration form | Must | If perform login need to submit registration |
| FR004 | Login | Login won account | Must | After registration then login using email and password |
| FR005 | Review | Performed product review | | If buyer want |
| FR006 | Appeal | Perform appeal against a seller | | It perform to punishment to illegal seller |

3.4.3 Admin side

Table 4: Functional Requirement of admin side

| ID | Type | Requirement Statement | Must/Want | Comment |
|-------|----------------------------|---|-----------|---|
| FR001 | Accept Verification | Accept user verification request | Must | Manually NID checking if document are actual then accept it else reject |
| FR002 | Search User | If need any user then search user | Must | |
| FR003 | Blocking & unblocking user | If get any appeal form user then punished him | Must | |
| FR003 | Setting feature | Admin can set feature | Must | |

3.5 Non-Functional Requirement

Those demand which aren't the functionalities of a system but they're they are the specific of a network are called then on-functional Demand of a network. Every system has someone-functionalities. precisely keep the demand of the user isn't a valid task. observing the system exact, light to keep up, dependable and alike introductory part of a system development.

3.5.1 Performance Constraints:

E-market system must be fit checking to the interpretation prudent, it should apply lower memory and will be fluently affordable by the user. Memory operation should be done wisely so that none of the memory allowance goes blew.

3.5.2 Hardware limitation

System tackle should be aimed in such a avenue that affordable tackle must be inaugurated to pierce and apply it effectively. System should be podium self-dependent. There should

be not tackle check. In should be aimed to breed with the equatorial specification tackle so that it could fluently beget with the ecstasies action tackle.

3.5.3 Maintainable

Each of the modules should be arrangement in such a way that a new module can effortlessly be assimilated with it. And also system should be reliable and testable.

3.6 Others Requirement

3.6.1 System quality attributes:

Each of the modules should the grade of the system is conserved in such a way so that it can be veritably user friendly to the all users. So that E-Market system insure grade of this system. The grade trait is accepted as under be arrangement in such an artery that a new module can fluently be absorbed with it.

- a. Compatibility**
- b. Reliable**
- c. Secured**
- d. Fast Speed**

Chapter-4

Design and Specification

3.1 Font-End Design & Back-End:

Successful businesses need attractive websites by which the client gets interested and they get interested for something new. The front-end development of a website is very important. With this website a business can be beautifully presented. In this case, the programming layout of a website and the business purpose based on its requirements, in addition to its branding and what is the purpose of the customer.

Considering all these aspects, front end language has been used in our website. We have used HTML, CSS, Angular JS, JavaScript in the content.

3.3 DFD (Data Flow Diagram): In the E-market website we have three divisions in this case admin, seller and Buyer.

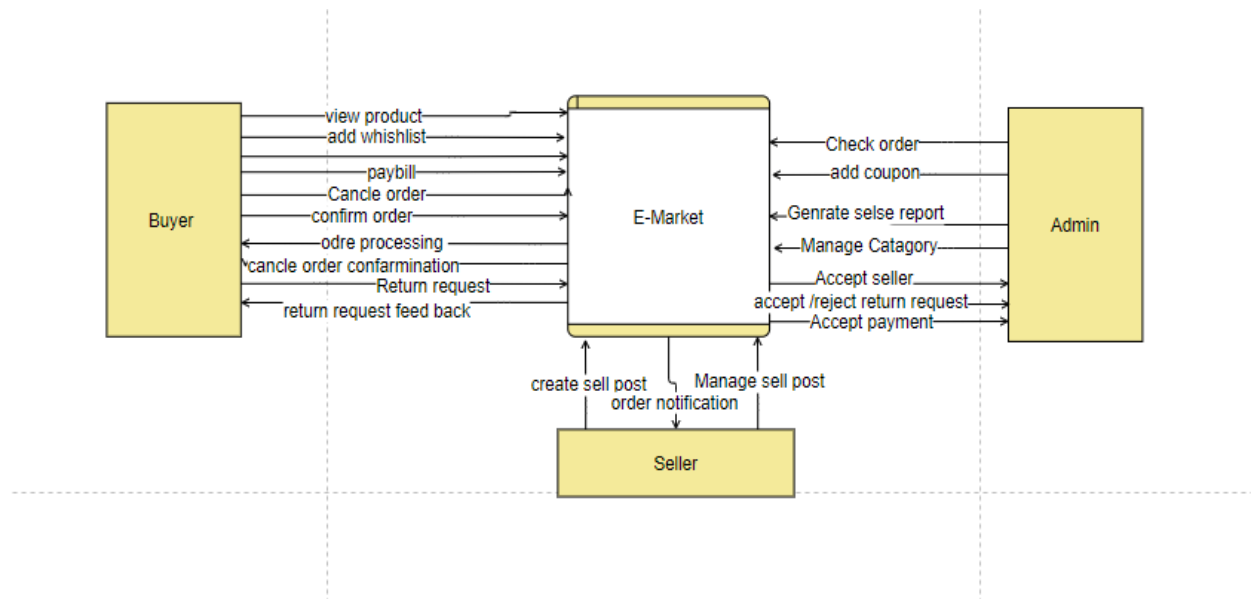


Figure 11: 0 level DFD of e Market

Here the admin, seller and the buyer are related to each other where a seller can contribute his product of his choice. Moreover, a seller is associated with the buyer. Here the seller gives all the details of his product and then the buyer orders the product according to his choice. After the buyer orders the product of his choice, the admin accepts the buyer's product and refuses to pay for all the costs and Requests to get all the expenses he has.

3.4 Use Case: As soon as the system is operated, a proper plan is made and the cost is considered

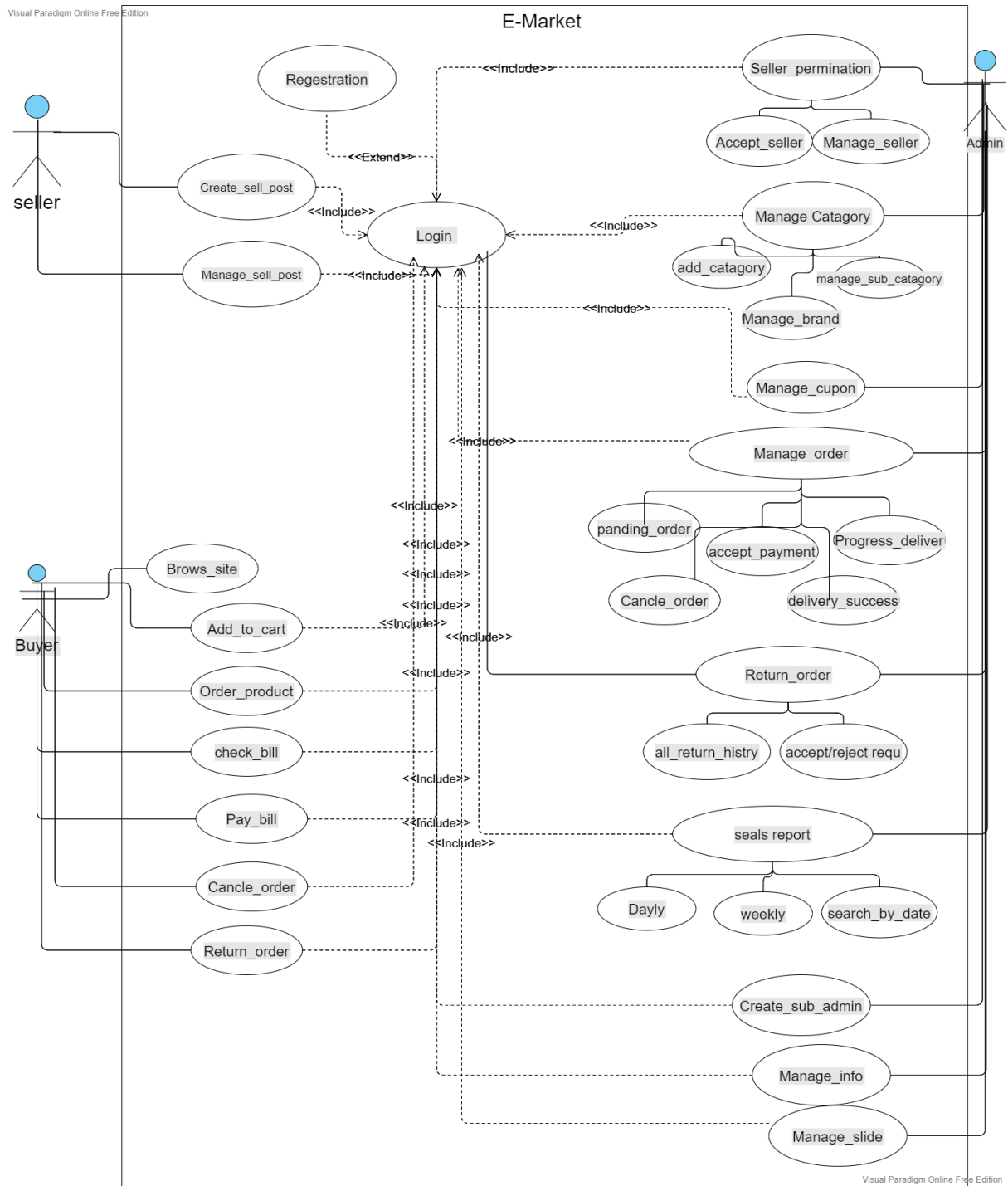


Figure 12: Use case diagram of our Project

In Figure 11 shows in use case diagram of hole system. In this system a buyer can visit E-Market website without any membership on E-Market system. He can buy any product. for buying he need to login first. Buyer have name, email, address, phone number, postcode, village/city. After the login he added the Cart this product. After that he can check playbill. Then payment for order then the order has been confirmed. On Other hand a seller he need to registration first after that he need to login first. Seller have name, brand name, email, phone number, address. Only a seller can perform when admin accept seller request. Admin also can manage category, manage order manage brand, return order, seals report, create sub admin with special some function, and manage information and manage slide.

CHAPTER 5

Implementation and system testing

5.1 Implementation of Databases

In the Database implementation part we implement our database using MySQL. And mostly we uses localhost server (Xampp) . After starting local server brows “localhost/phpMyAdmin” and access to our database.

1. Setup Variable according to the hardware and using condition
2. Create database
3. Create tables
4. Load data
5. Setup user and security
6. Implement the backup regime
7. Implement database query in our source code for dynamically changing

5.2 Implementation of Project

5.2.1 Implementation of Front-end

To implement Front-end development uses languages are

1. Html 5 (hypertext markup language).
2. CSS3 (cascading style sheet)

3. Bootstrap 4
4. JavaScript
5. Ajax

First we write our markup text that we need. Then design and create frontend functionality using CSS3 , bootstrap4 and Ajax.

5.2.2 Implementation of Back-end

For Back-end implementation we use Larave8. It is a php Framework. For implementation working sequence are given below.

1. configure our computer for installation Laravel 8 (download and install composer v.2)
2. Go to cmd and install & create Laravel project with project name
3. open it visual code studio
4. write all of code and function, make sure (Middleware, controller, views are used to flowing requirement)
5. connect with database (go to env file and write same as database name and password)
6. run the code with local server port (command → php artisan serve E-Market)
7. open Browser and browse server port.

5.3 Test Cases Design and system testing report

Table 6: system test case

| Test Case id | Test Cases Descriptions |
|---------------------|--------------------------------|
| 1 | Browse site |
| 2 | Registration |
| 3 | Login |
| 4 | Logout |
| 5 | Product Details |
| 6 | Add to cart |
| 7 | Profile view |
| 8 | Confirm order |
| 9 | Edit profile |
| 10 | Search product |
| 11 | Manage product |
| 12 | Add Product |
| 13 | Seller permeation (admin) |
| 14 | Manage Category |
| 15 | Manage Coupon |
| 16 | New pending order |
| 17 | Delivery success |
| 18 | Cancel Order |
| 19 | Sells Report |
| 20 | Return Report |
| 21 | Slide upload |
| 22 | Setting |

Table 6: system test case testing report

| Test Case Id | Test Description | Step Details | Test Data/action | Expected Results | Actual Results | Pass / Fail / Not executed / Suspend ed |
|---------------------|---|--|---|---|-----------------------|--|
| 1 | Browse site | opera chrome & Browse to http://127.0.0.1:8000 | Browse server location | Site should open | As Expected | Pass |
| 2 | Registration [for admin, seller, buyer] | click Registration submit form | <ol style="list-style-type: none"> 1. With all info 2. Without email and pass | <ol style="list-style-type: none"> 1. Successfully 2. Required notification | As Expected | Pass |
| 3 | Login [for admin, seller, buyer] | Click Submit | <ol style="list-style-type: none"> 1. Register email & pass 2. Wrong email or pass 3. Without email password | <ol style="list-style-type: none"> 1. Login 2. Increate 3. Invalid | As Expected | Pass |

Table 6: system test case testing report

Table 6: system test case testing report

| Test Case Id | Test Description | Step Details | Test Data/action | Expected Results | Actual Results | Pass / Fail / Not executed / Suspended |
|---------------------|-----------------------------------|---|-------------------------|---|-----------------------|---|
| 4 | Logout [for admin, seller, buyer] | Click logout | Click | Logout and return home page | As Expected | Pass |
| 5 | Product Details [buyer only] | Click name of Product | Click | Showing product Details | As Expected | Pass |
| 6 | Add to Cart | Select quantity 2 & Add to cart | Click | Added in my cart and show with quantity=2 price=50*50 | As Expected | Pass |
| 7 | Profile view | Click Profile | Click | View profile details | As Expected | Pass |
| 8 | Confirm Order | Fill-up personal details click and select payment | Click continue shopping | Successfully added order in profile | As expected | pass |
| 9 | Edit profile | Click Edit Profile | Click | | Under Development | Not execute |
| 10 | Search Product | Search with product name or code | Enter key & click | Found product | As expected | Pass |

Table 6: system test case testing report

| Test Case Id | Test Description | Step Details | Test Data/action | Expected Results | Actual Results | Pass / Fail / Not executed / Suspend |
|---------------------|--|---|---|---|-----------------------|---|
| 11 | Manage Product [seller only] | Click manage product | View all uploaded post | View all post | As Expected | Pass |
| 12 | Add Product [seller only] | Click Add product button | 3. With all info 4. Without email and pass | 3. Successfully Added 4. Required notification | As Expected | Pass |
| 13 | Seller permission [admin] | If a request form admin then click accept or delete | 1. Click accept 2. Click Delete | 1. Request accept 2. Request delete | As Expected | Pass |
| 14 | Manage category [cate, Sub, brand] [admin] | Click added Enter name | 1.create cate 2.create sub-cate 3. create brand | 1. cate created successfully 2. sub cate created successfully 3create brand success fully | As Expected | Pass |
| 15 | Manage coupon [admin] | Click added And enter name and percentage | Click add | Coupon added success fully | As Expected | Pass |

Table 6: system test case testing report

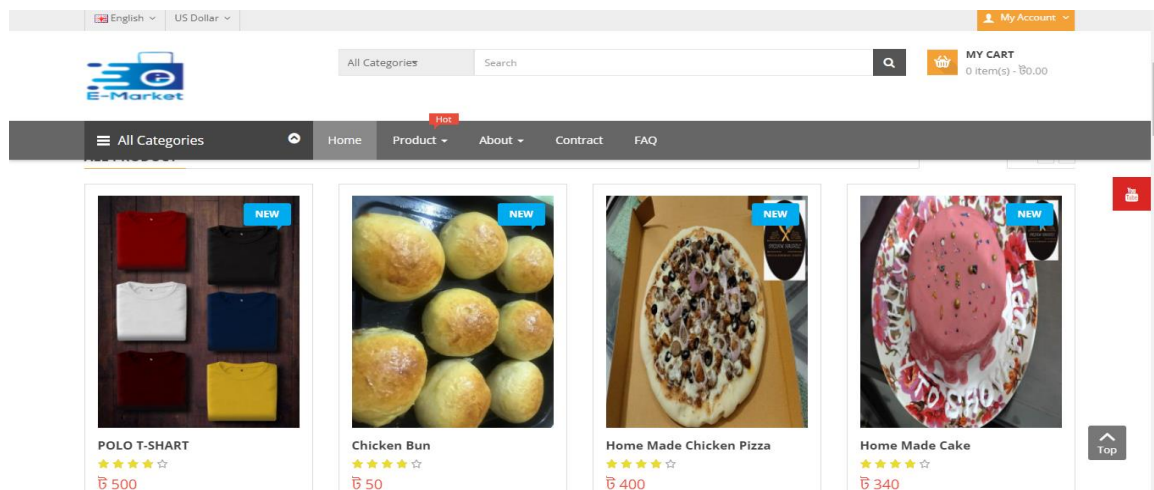
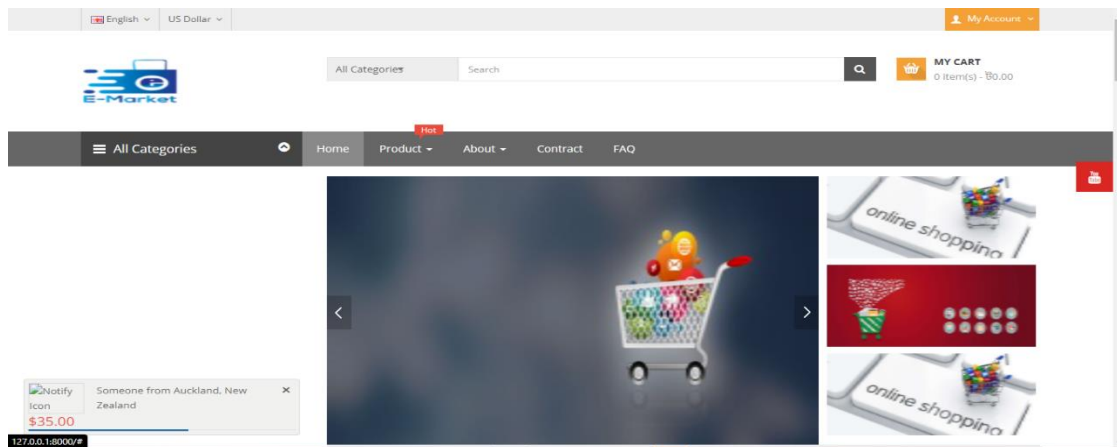
| Test Case Id | Test Description | Step Details | Test Data/action | Expected Results | Actual Results | Pass / Fail / Not executed / Suspended |
|--------------|----------------------------|----------------------------------|--|---|----------------|--|
| 16 | New pending order [admin] | If pending request form customer | 1.click accept 2 click cancel 3.progres delivery | 1.order confirmation on customer 2. Cancel order form admin 3.delivery progress show in order account | As Expected | Pass |
| 17 | Delivery success | Click delivery success btn | Click | Delivery progress completed | As Expected | Pass |
| 18 | Cancel order | Click cancel order | Click | Show all order are cancellation | As Expected | Pass |
| 19 | Seals Report [admin only] | Check sells report | 1 View Today order Report 2.Today delivered report 3 Monthly Deliver Report 4 search report | 1 Today order report view properly 2.today view report view properly 3 monthly delivery report view properly 4 found specific date report properly | As Expected | Pass |

Table 6: system test case testing report

| Test Case Id | Test Description | Step Details | Test Data/action | Expected Results | Actual Results | Pass / Fail / Not executed / Suspended |
|---------------------|---------------------------|---|--|--|-----------------------|---|
| 20 | Return Report [admin] | Click view report | 1 view today return request 2.view all return order history | 1 Today return request view properly 2.View all return request properly | As Expected | Pass |
| 21 | Setting [admin] | Admin can update Footer ,logo, and other info | fill-up all of info form and save | Footer info logo change success fully | As Expected | Pass |
| 22 | Slider upload [admin] | Click select image for home page slider | Select slider image | Slider image upload successfully | As Expected | Pass |

5.4 System overview after development

Home page



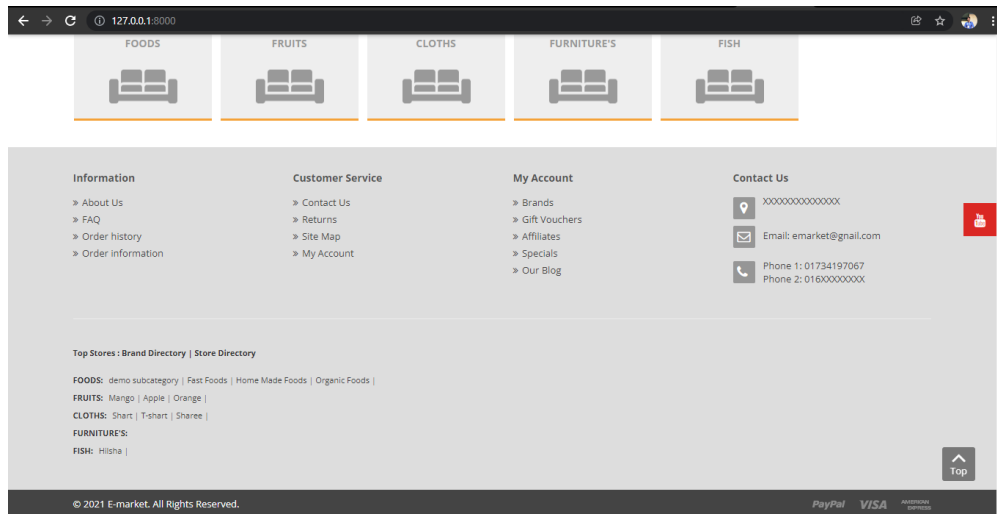


Figure 13: home page of E-Market system

This is the main home page (show in figure 12) in our project. In this home page any one like seller or buyer or not yet member as our ecommerce market can visit. When a person visit our home page for buying something ,he can find all of product that upload by seller and he also red product discription, review of product, comments. When he performed to buy he need login first. If he not yet member he need to Registration first.

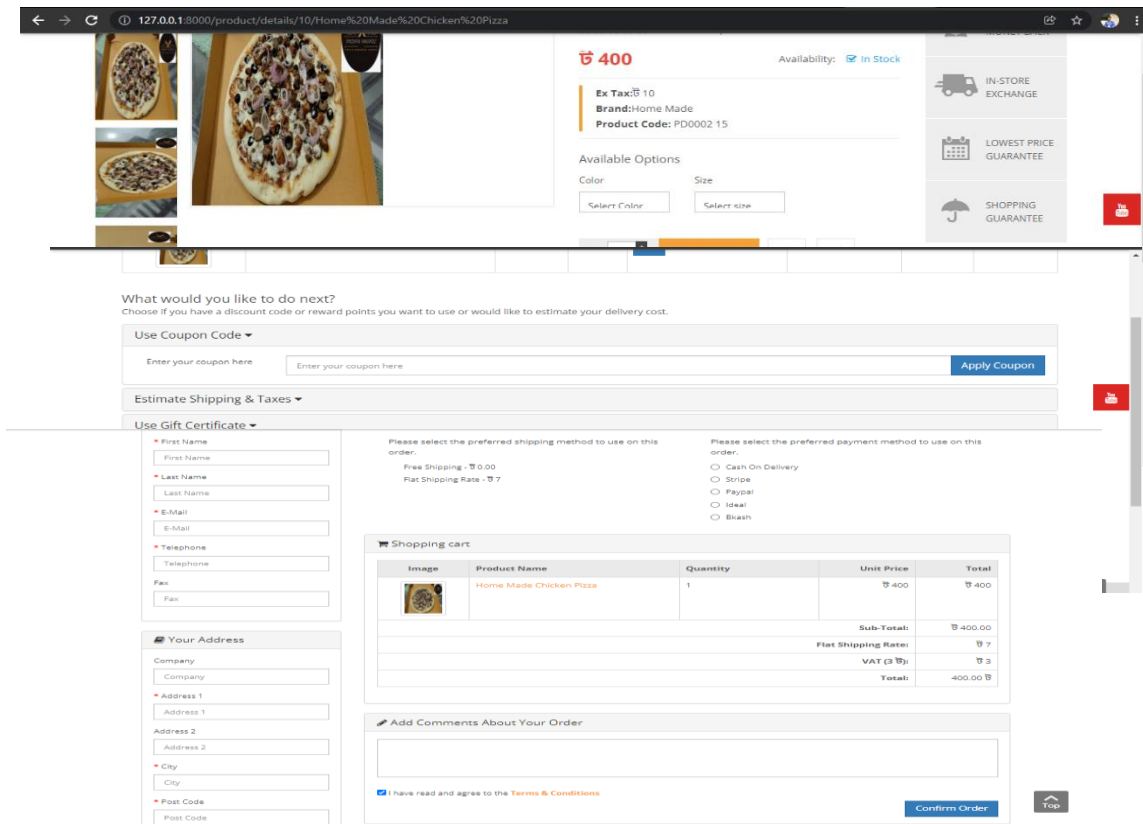


Figure 14: ordering procedure of E-Market system

In the ordering system show on figure13. After the Login a buyer for perform to buy he need to add to cart with select product quantity. Then the product will be added his Cart option calculate product price respect to product quantity. Then he need to select perment method, and fill-up delivery required address and confirm this order.

Seller Dashboard

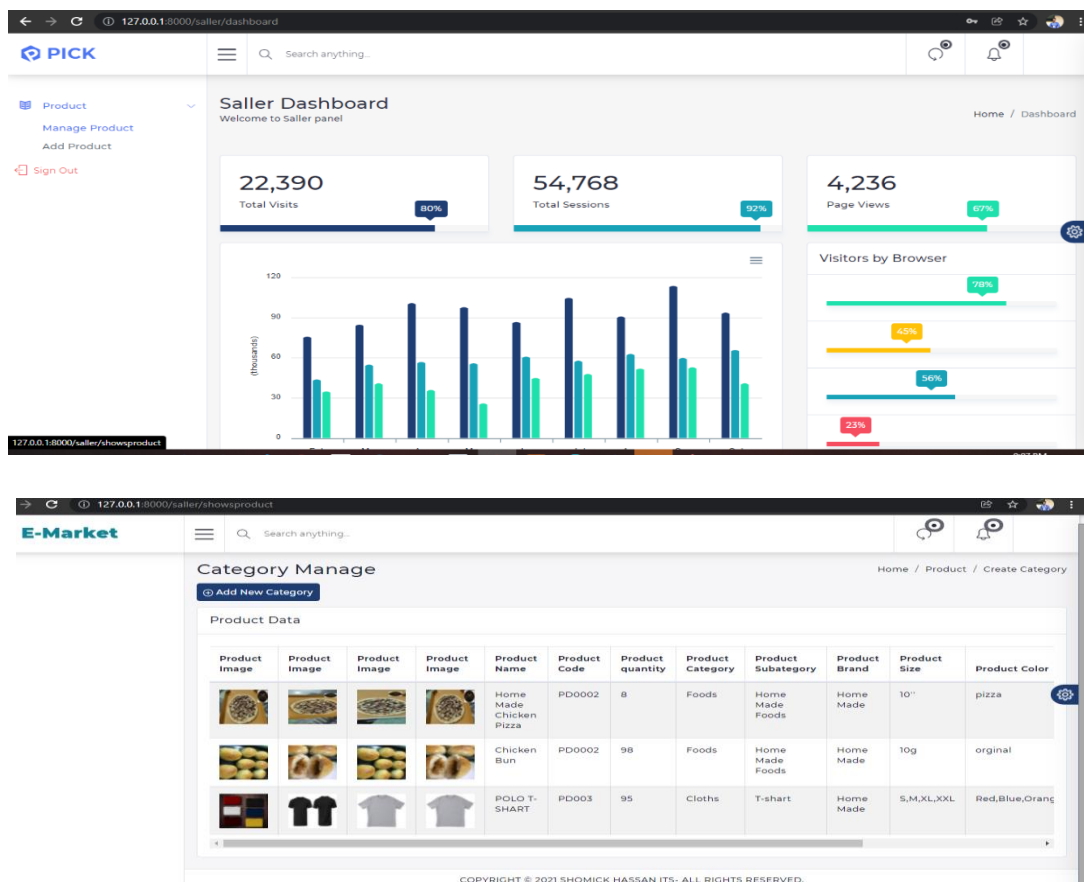


Figure 15: Overview of seller side

In the seller side seller need registration first as a seller. When his registration will be successfully complete then admin can check his uploaded document if all of document are correct then admin accept the seller request. Then a seller can perform to sell. For create sell post seller need to fill-up all requirement. And upload 4 clear image with description. Then he upload a product. This product show in homepage.

Admin Dashboard

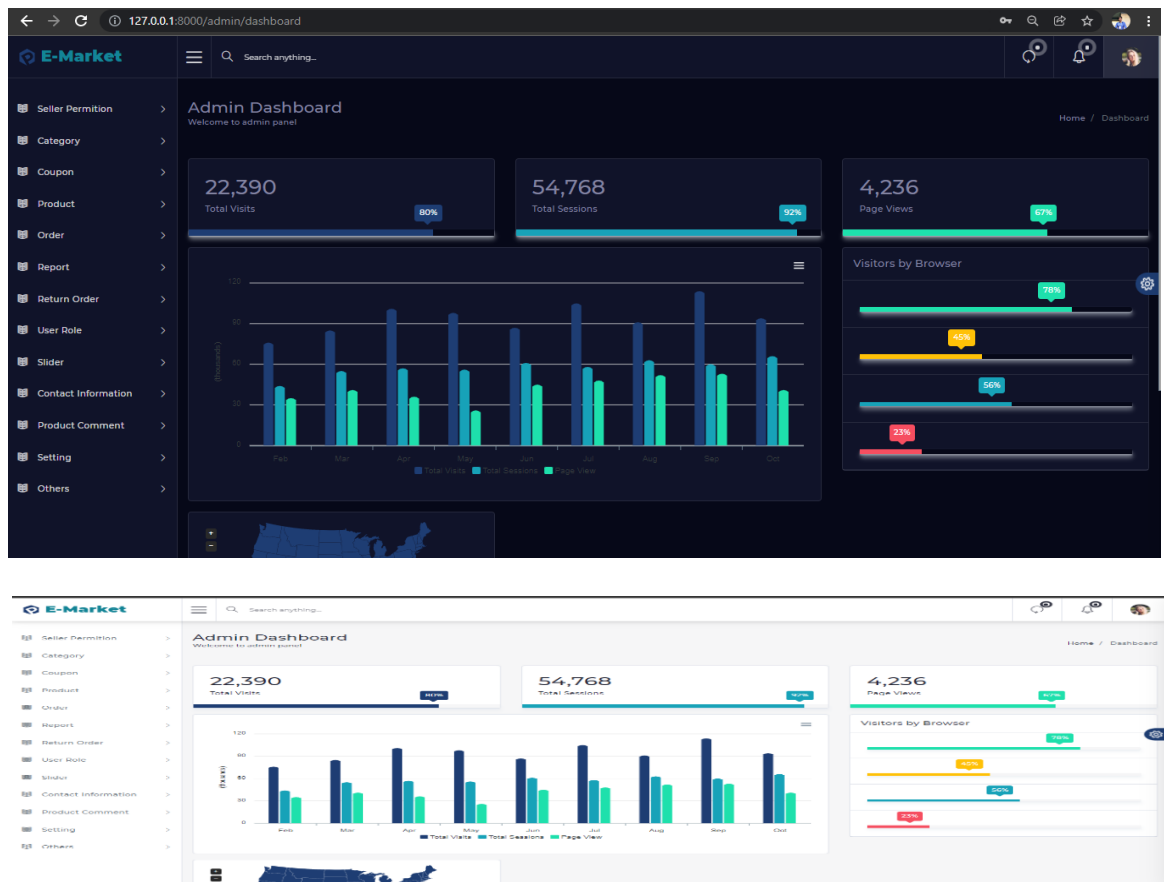


Figure 16: Admin Dashboard

In the figure 16 Shows admin Dashboard. There are two picture are same one is perform light mood and other perform Dark mood. All function shortly describe below

1. Seller termination have two function perform on it. Once in **manage premonition** it can perform delete or block or unblock seller. Other is **accept seller** accept seller perform to accept a new seller
2. Category are also performed also 3 function **manage category**, it perform to add delete category **manage sub-category**. It perform add or delete subcategory. **And manage brand** it performs to add or delete brand name.
3. Coupon contain manage coupon it perform to add or delete coupon.
4. Order can perform new pending order, accept permeant, progress delivery, delivery success, cancel order.
5. Report contain To days order, Today delivery, monthly delivery, search specific date
6. Return order perform to all return request, all return list.
7. Slider perform to change or upload homepage slider.
8. Contact information can change homepage footer information dynamically.

CHAPTER 6

Impact on Society

6.1 Impact on Society:

E-Commerce is a very popular method of trading amongst business and organizations. Nowadays most of the companies have an online presence to hold every information about their company details.

6.2 Positive Effects of E-Commerce on Society:

- Whether the person is in his own country or outside, people can easily order any products they want in anywhere.
- It saves the people's precious time. So that people can easily order anything in anywhere.
- Information is available about what products they want to sell.
- Some pages have different prices for their products. Mainly it depends on product quality.
- It's a global Marketplace.
- Some products are cheaper online.
- There are some similar products on various e-commerce sites. That product mainly selling their products on a cheaper rate. So, people can easily compare the prices from all over the world with just one click.
- It's a new marketing model.
- It's a great opportunity for some advertiser. Cause they also promote their product or advertise their product. It's an advertising online system.
- Pre orders the product.

CHAPTER 7

Conclusion and future update

7.1 Conclusions:

Population in Bangladesh increases day by day at the same time job opportunity also decreases. Large amount of young people are jobless now. If we try different things business with them then earn some and help their family. Mainly E-Market project developed for this think. Not only jobless people a student can also join business with us. If we think about offline business there should be need huge amount of investment that is not possible for the fresher or new entrepreneur. There are different types of difficulties in offline business. In the case of offline business, an entrepreneur has to start his business by considering different aspects. The entrepreneur has to think about the cash before starting his business. In many cases, it is not possible to start a business properly due to lack of cash. On the other hand, business can be started online with a little cash. It is a very simple and convenient means by which an entrepreneur can easily start his business. And considering all these aspects, online platform can be a very easy and convenient medium for entrepreneurs. Also there are many people who have never done business before but through online business they are able to expand their business. All the young and new people who are interested in business or who could not start due to lack of capital or various difficulties despite having plans. This is the platform they can easily start their business and do something new.

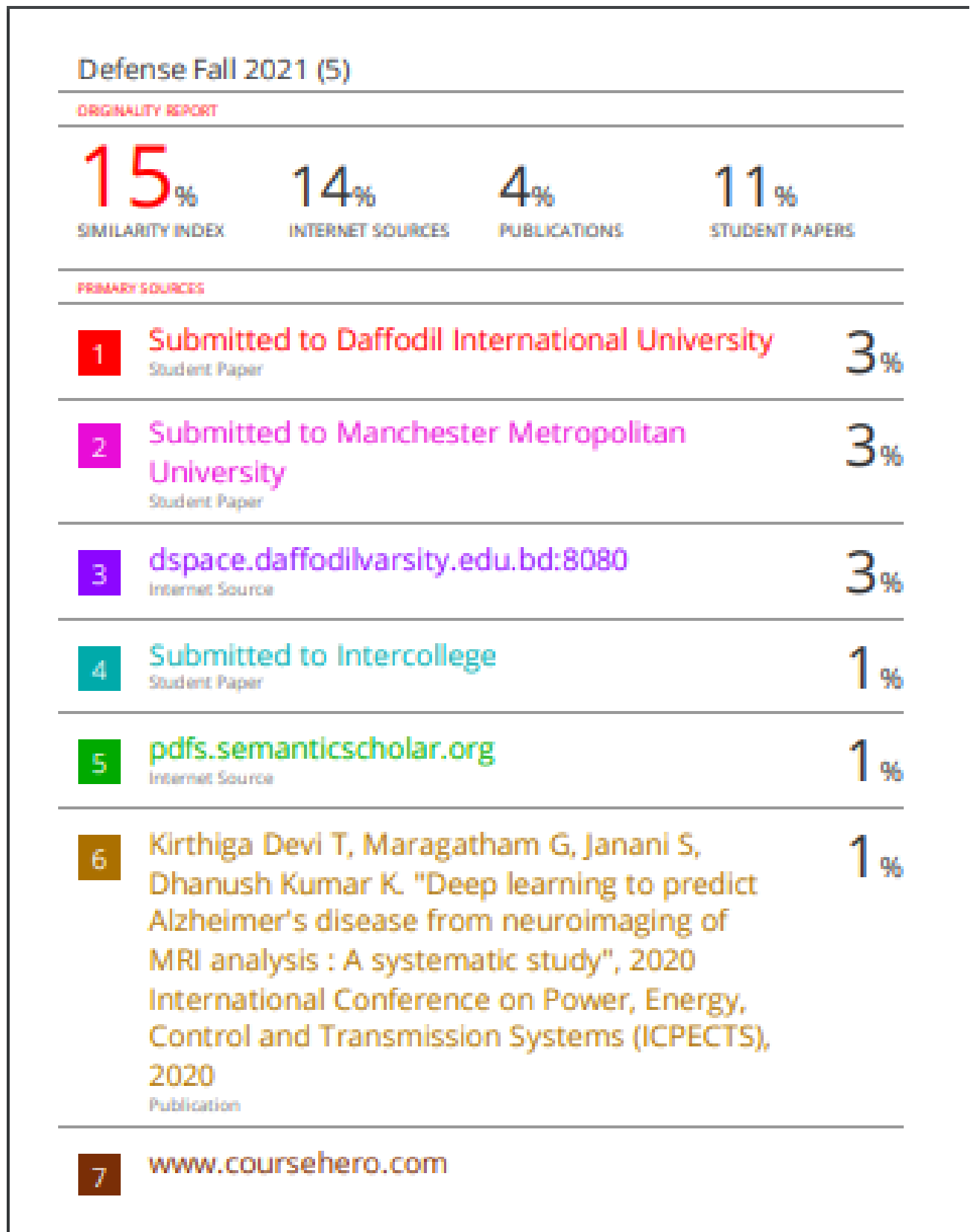
7.2 Limitations: This project we developed now our learning purpose after finishing my graduation we want to develop it more than efficiently for commercial purpose. Recently Bangladesh have recent tragedy in ecommerce platform. It is to heard for archive people trust.

7.3 Future update: This project is developed for only learning purpose. And we want to move on it commercial. We trying work heard on it. We will try to found more efferent function to achieve commercial better solution. When we found solution, we will update this system

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