ONLINE MEDICINE SHOP

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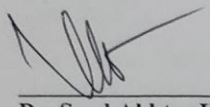

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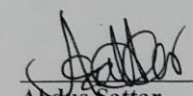

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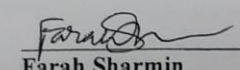

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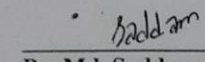

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ABSTRACT

First, I am talk about the abstract of our project. Our project contains many things and I am trying to present it in simple word. In our project we have user part and admin part. In user part we have login, register, account mange, cart system, checkout system, order and search system. We just do a simple work in our user parts. But we do a lot of work in our admin parts. In admin we have box options in our admin from where we can change our box part. If we have any offers, we can update our boxes part. Again, we have admin login system, view medicine, view orders, view payment, insert medicine, delete medicine. If we want to add new categories there is also a add categories option. This is our work which we want to show in our project. I know this is a simple project, but we do our best to done this work. One thing I forget to include in user parts and that things is chat option. Form where the user can talk with our admin to solve their problem. There are also a contact page and user can contact us with their mail.

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CHAPTER 1
INTRODUCTION

1.1 Introduction

Bangladesh is a poor and thickly populated country in South Asia. It has made huge updating in the well-being part, which makes it a model for other creating nations, and clearly, there is engendering in well-being frameworks.

There is too improved attention to the overall population health related issues. Drug store is a well-being calling that associates the well-being sciences with the essential sciences and it is committed to guaranteeing the safe what's more, viable use of medication.

From the verifiable point of view, expertly the jobs and duties concentrated taking drugs intensifying what's more, apportioning to expanded pharmaceutical care services. The job of drug specialist shifts in various pieces of the world. In various pieces of the world, drug specialists have assumed a significant job in pharmaceutical consideration administrations. In creating nations, it is generally believed that drug specialists can make an extraordinary contribution in the arrangement of the essential well-being care. Pharmaceutical sector in Bangladesh has been upward at an amazing pace from when 1982. .

As a piece of social insurance framework, the drug store has an immense rehearsing zone, for example, emergency clinic drug store, clinical drug store, network drug store, retail drug store what's more, modern drug store. Because of certain impediments, predominantly drug store practices underlined on modern rehearses as opposed to different divisions.

In this way, much progress has been made in the pharmaceutical division in the creation of value drugs and med. These days, sedate items made by Bangladesh are traded to various nations of Asia, Africa, Latin America and Europe. Till now, the rehearsing of medical clinic drug store, clinical drug store, network drug store and retail drug store not built up in Bangladesh.

In ongoing year, a few private clinics had attempted to set up the medical clinic drug store division however it has not seen at open level. Retail drug store rehearsing is a

significant zone for the drug specialist, just as a human services framework for a nation. For the lack of pharmacy, we decide that we will build an online

pharmacy system. And at last we built a modern design website for online pharmacy. What we done actually we are satisfied with our work. We design our front-end with HTML, CSS and Bootstrap. When user go to our web page, they will find many options like home section, shop section, account, cart, my account, order section, contact section from where the customer can contact with us with their mail.

Again, we have well based admin panel from where we can control our website. In admin panel we have product view have product view option, insert option, slider option, categories option. Admin users' option from where we can delete or add new admin users. Boxes option if we have any discount in our product, we can update our boxes option through admin panel.

We also have view order system, view payment system how much product are remaining in the stock. We can also delete the order or user from admin panel.

1.2 Motivation

Today world is very speedy, every man goes to their work with maintain their time so we can say that time is very value able things in today world. But to maintain their time with their work they have not plenty of time to do homework like does daily marketing, shopping and so on.

As a result, people rely on online marketing, online shopping. For that why we think that we can develop an online medicine shop. Again, people forget to buy the medicine, even people go to their home and then they realize that they need to buy medicine but, on that time, they lost their all energy to go to the pharmacy again. So, I think online medicine shop would be a better solution.

1.3 Objectives

When was the last time you went to purchase drugs and the drug specialist would not sell them till you gave a unique remedy? I'm certain this has occurred however unquestionably not constantly.

Be that as it may, when was the last time you purchased drugs, given your solution to the drug specialist, and the drug specialist really stepped your unique remedy and returned it to you? I am sure that the response to this inquiry would be — NEVER!

This carries us to the extremely fascinating discussion going on among disconnected and online physicists. Like any innovation or business that questions and attempts to change the norm, online drug stores are confronting extraordinary obstruction from their disconnected partners on the accompanying grounds:

Online drug stores support self-medicine and illicit acquisition of propensity framing drugs;

Worldwide shoppers now and again buy drugs online from online drug stores in their very own nations, or those situated in different nations. A portion of these drug stores require remedies, while others don't.

Patients can buy physician endorsed drugs without a unique medicine;

Ordinary stationary drug stores as a rule have controlled sedate conveyance frameworks from the maker. Approval and great appropriation practices are pursued. Home conveyance of pharmaceuticals can be an attractive accommodation yet at times there can be issues with uncontrolled dispersion.

The first medicine can be utilized for rehashed medication buy.

With this, let us take a gander at the different guidelines that oversee the clearance of medications and afterward attempt and assess if online drug stores are extremely an aid or bane.

1.4 Expected Outcome

In this project we have two parts one part is user section and another part are admin section. In user part user can upload a prescription photo, view the medicine, order the medicine, login section, register section, checkout option, again user can contact with our customer care.

In admin part admin can update the medicine, view the total medicine, view the order, view the payment, and update the categories. Also, can update the boxes system, if there are any gift offer in our online admin can update the boxes section. Again, we can delete the users and also can add the new users.

CHAPTER 2
BACKGROUND

2.1 Introduction

We work on a development project; which projects are available in the market are not so much reliable again they not need to login before purchased the medicine as a result they have not any register from.

Again, they have not any photo upload option have not any secure payment system have not any well front in design. But we have a good front-end design we use bootstrap in our project and also use some jQuery plugins. We also add admin panel from where we can change anything dynamically.

2.2 Related Work

Before starting our work, we visit many websites about medicine related. We saw that what they have done in their project. And what they include in their projects.

We just take an idea from their website what they design and implement in their project.

Now I will give some website list which one we follow to do our project.

As we visit many websites for our project purpose, we saw that all of the websites are same except few websites. Some websites are very poor design and some are well decorated.

They have home section, cart section, order section, payment section. But one thing is that their website takes more time to load again, they have not dynamic admin panel, have not customer profile system with the customer picture.

If we talk about our own website, we will be saying that it is a modern type of website, where we use bootstrap framework to design our front in of our website. We use some as plugins to give the well shape of our website. Our website contains photo upload option with use of their account profile.

We have dynamic admin panel. Where we can see the remaining product, view the customers, view the order system, slider system, payment system of demonstration and also have a chat system.

2.2.1 Pharma71

In pharma71 they have not well design front end. They have just simple product view system, order system. They have no cart system, when they are order for product, they have no need to login. Again, their website was not so dynamic. But they have search system, register system.

2.2.2 Ousud.com

In ousud.com they have done simple work. They are not using bootstrap to develop their front in design. And other work was same as pharma71.

2.2.3 Lazzpharma.com

When we saw the lazzpharma website we satisfied and we decide that we will develop our website like lazzpharma. They have well design front end, search option, cart system, payment system, order system, register and login system.

2.2.4 Dhakapharma.com

Dhaka pharma also have a well profile website. They have well structure front end, search alternative, truck framework, installment framework, request framework, register and login framework.

2.2.5 Bddrugs.com

From all of website bd drugs has a well design. A few sites are very poor plan and some are all around enriched. They have home area, truck segment, request segment, installment segment. However, one thing is that their site sets aside more effort to stack once more, they have not dynamic administrator board, have not client profile framework with the client picture.

Some screen shot of their website output on below:

Figure 2.1: Related works of other people

2.3 Scope of the problem

As we visit numerous sites for our task reason, we saw that the entirety of the sites are same aside from scarcely any sites. A few sites are very poor plan and some are all around beautified. They have home segment, truck area, request segment, installment segment.

Yet, one thing is that their site sets aside more effort to stack once more, they have not dynamic administrator board, have not client profile framework with the client picture. On the off chance that we talk about our own site, we will say that it is a cutting-edge kind of site, where we use bootstrap system to plan our front in of our site. We utilize some js modules to give the well state of our site.

Our site contains photograph transfer choice with utilization of their record profile. We have dynamic administrator board. Where we can see the rest of the item, see the clients, see the request framework, slider framework, installment arrangement of exhibit and furthermore have a visit framework.

2.4 Challenges

To develop our project, we face challenging task. Here give some challenges task given below:

2.4.1 XAMPP Install

Firstly, when install our xampp server it's not working, apache was working but MySQL not working then we configure the MySQL port.

2.4.2 Database connection

First, I give php5 command to connect the database but it does not work. Then I go to their documentation and then saw that they use new command for their newer version of php.

CHAPTER 3
REQUIREMENT SPECIFICATION

3.1 Use case Modeling Diagram and Description

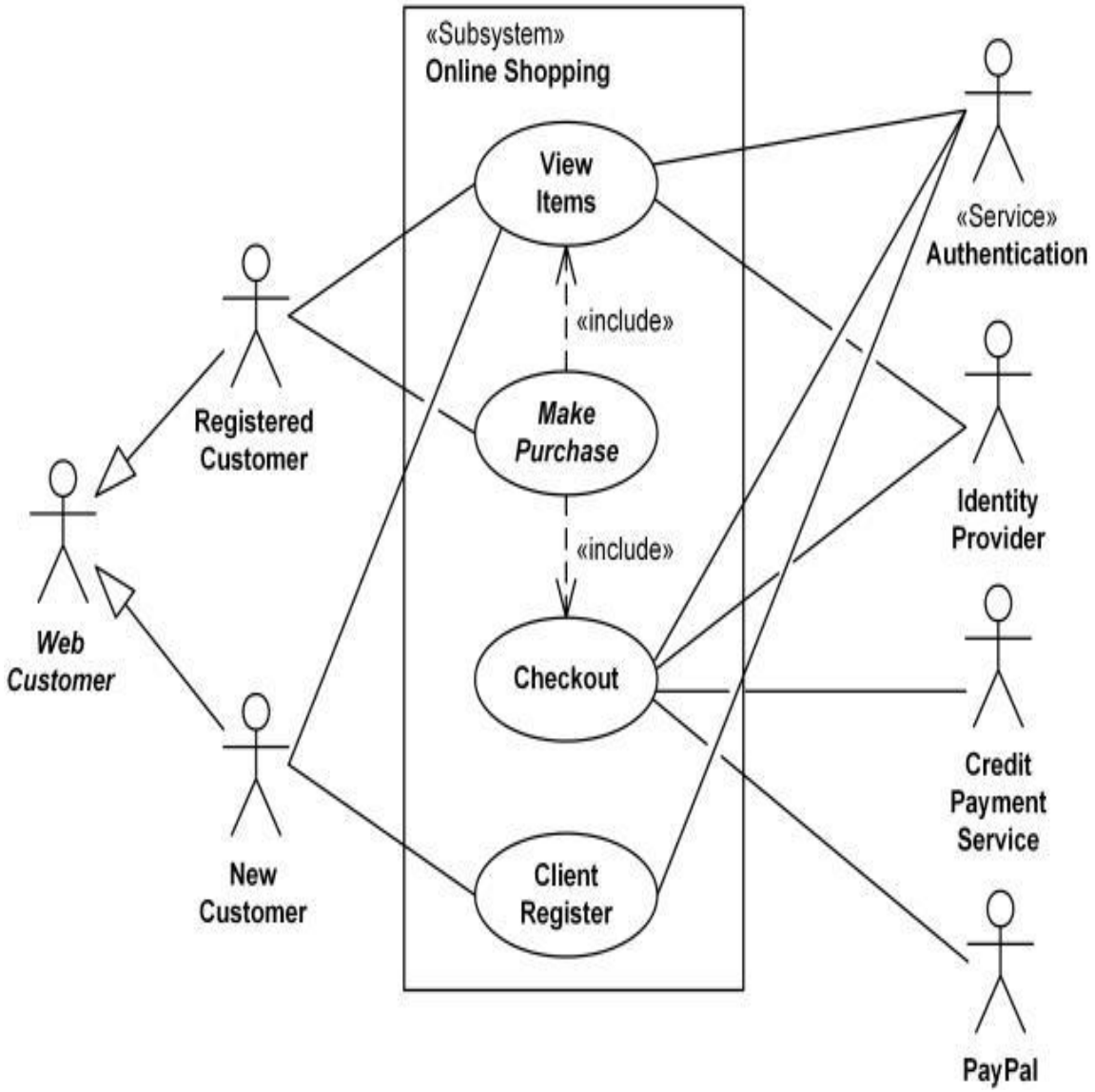

Figure 3.1: Use case Diagram

There are four characters that can access or use the application. One who are regular customer and other who are web user and the other one is admin. Admin can access all the function of the application. If admin want to access he need to login first otherwise he

can access the application. Again, if one customer want to purchase any product he also need login first.

3.2 Business Process Model Diagram for Users

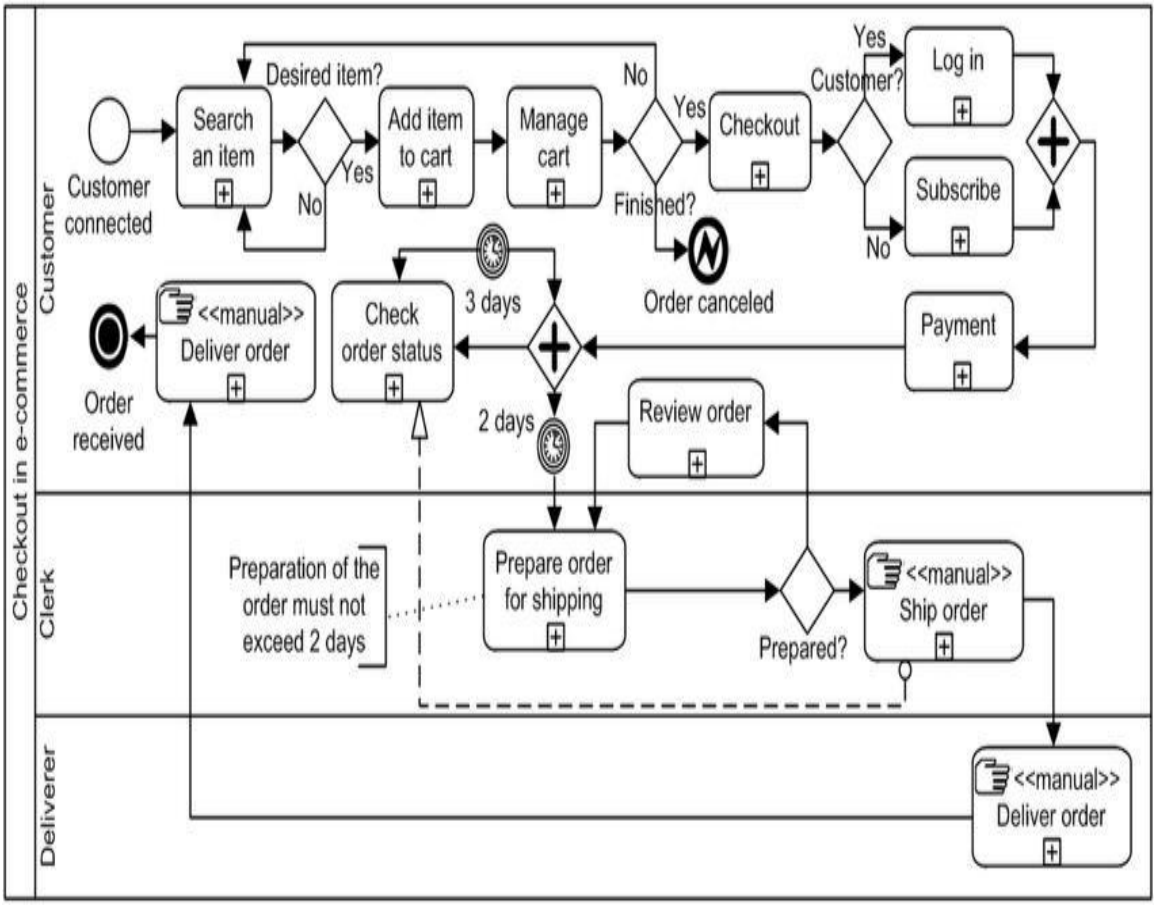

Figure 3.2: BPMD of Users

It is a business process model for users where we show that how a user can use our website and how one function is connect with one another and how each and every function will work.

In the diagram we saw that a user first goes to the website and then search our product option then he can add item to the add to cart and then he can edit with his prefer. After that he has two option he can purchased or not. If he wants to purchase he has another two options.

3.3 Business Process Modeling for User and Admin

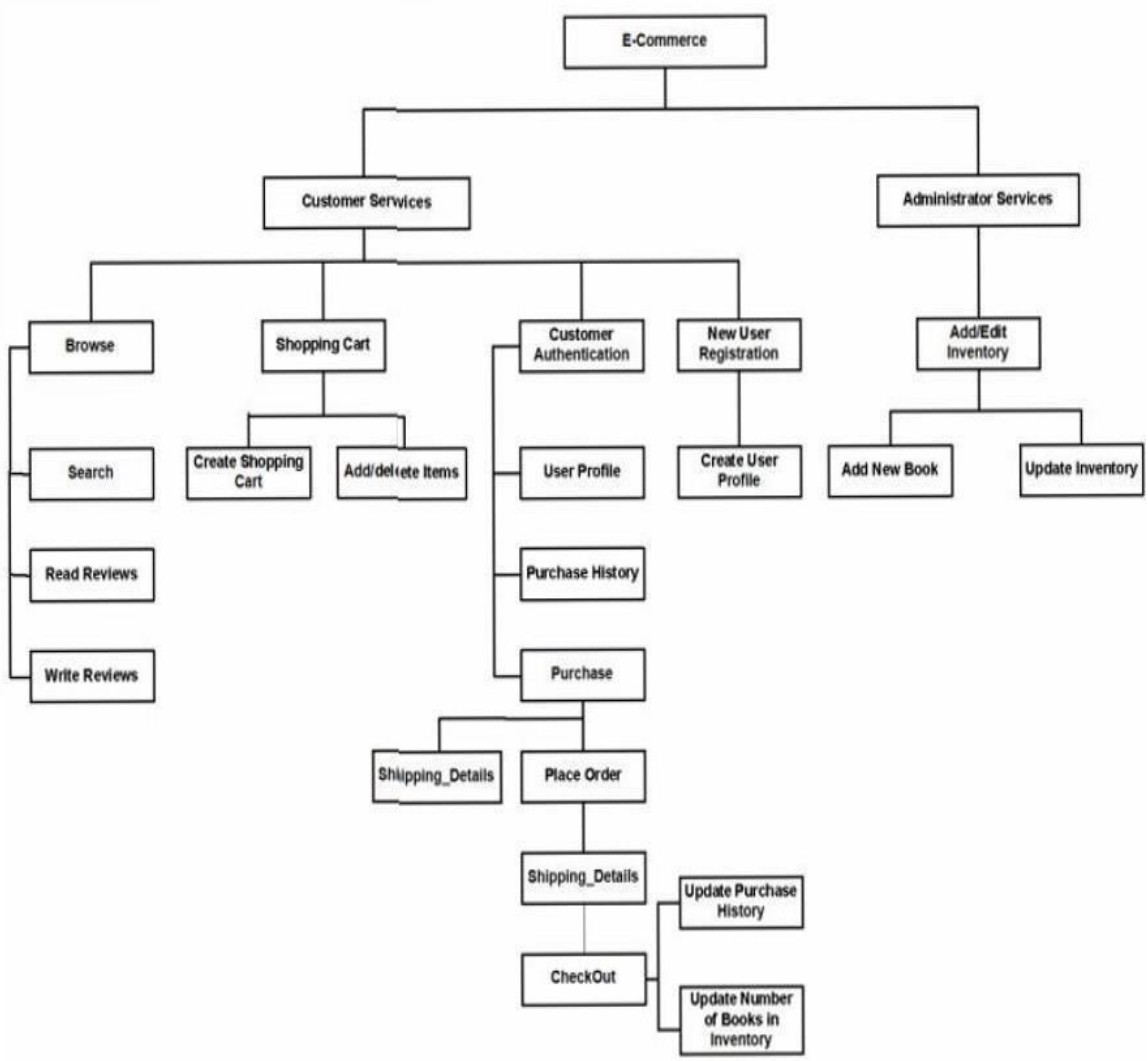

Figure 3.3: BPMD for admin and users

And this is the business process model diagram for admin, where an admin need to login first to access into the website and after that he has a lot of option to control the website. First, he can add product and then can add slider also can published the new offer for a new customer.

Again, admin can see the product list, view orders, view customer profile. Also see the how much product are remaining on the store. Other features are that admin can edit his profile and he can add new admin users.

3.4 Logical Data Model

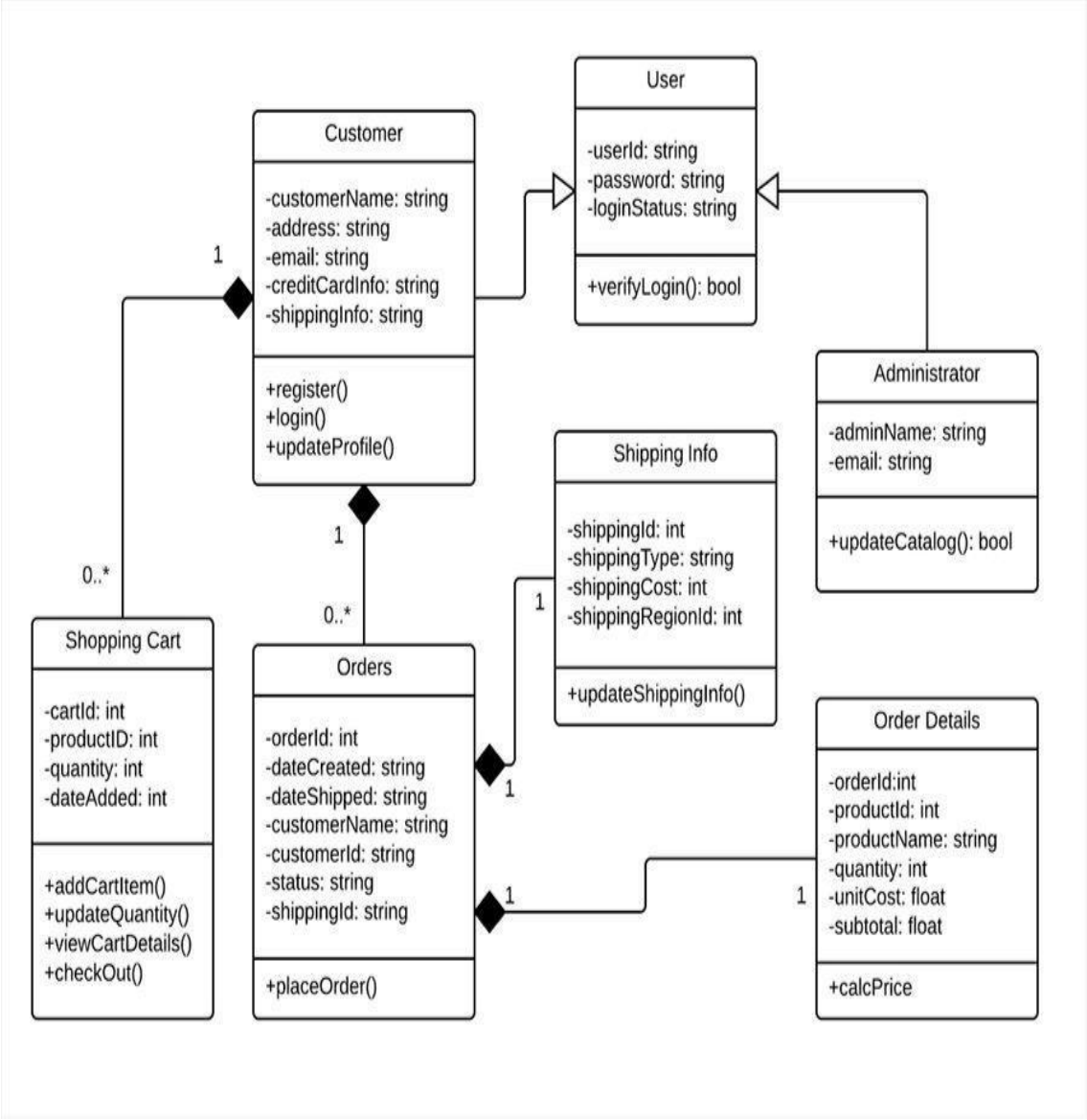

Figure 3.4: Class Model Diagram

Here we saw that class diagram of our application where we can see that there two users one is customer and another is admin. And both of them have class and their attribute and they have some method.

There is also order class, shopping cart class, order details class, product info and so on. Each and every class is connected with one another. And they have many type of relation with one another class.

3.5 Design Requirement

For our development purpose we use many software and tools and also use some plugins and bootstrap framework. Now this type of requirement is given below:

3.5.1 Software Requirement

3.5.1.1 Server Side (Front-End)

I. Bootstrap
II. Font-
awesome III. jQuery
IV. Plugins

3.5.1.2 Server Side (Back-End)

I. Xampp
II. PHP
III.MySQL

3.5.2 IDE

I. Visual Studio Code

3.5.3 User Requirement

I. User must be valid email account
II. User must be need to registered.

CHAPTER 4
DESIGN SPECIFICATION

4.1 Front-End Design

This is front website here we are use bootstrap structure for making a responsive site. At the point when we see this site any sort of gadget this site must be show responsive. We likewise use java content and jQuery for looking great this site.

Furthermore, here we additionally use textual style amazing for symbol. Sample of a front-end design of our website given below:

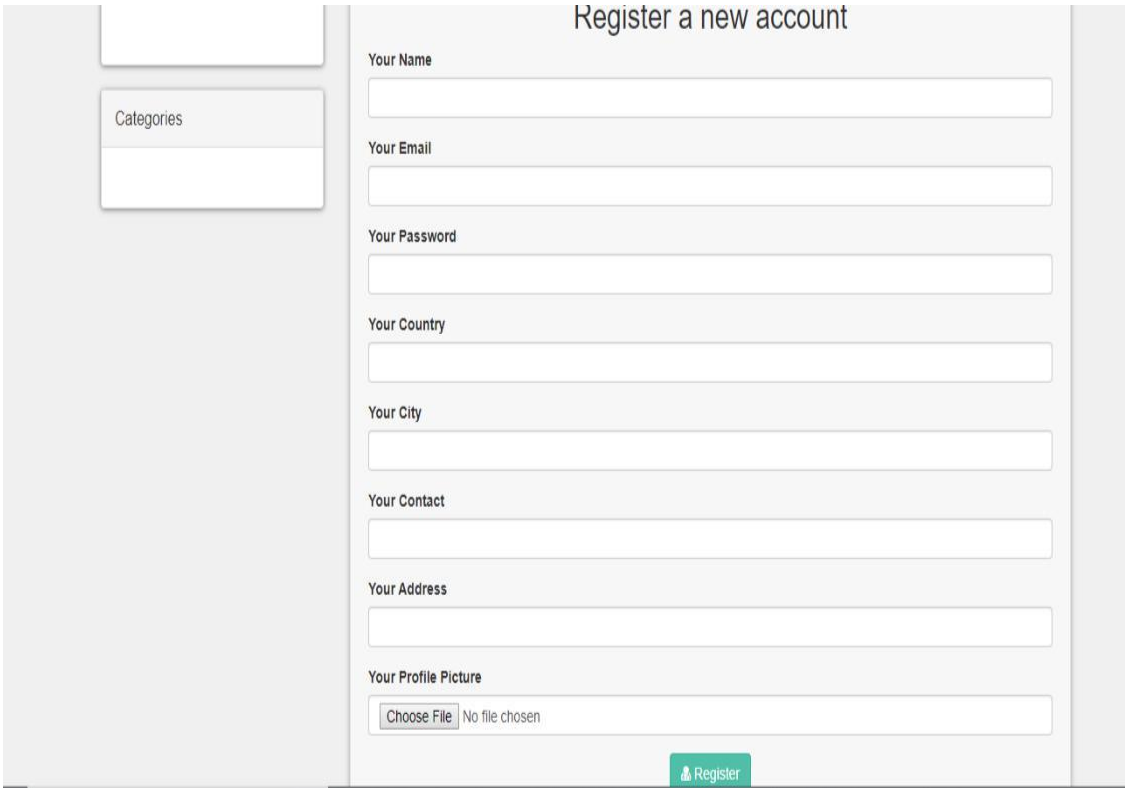

Figure 4.1: Register form

Here we use bootstrap to make it looking good and make it responsive. We also use some jQuery plugins to make it smooth.

4.2 Back-End Design

Major step to build in our online medicine shop projects are:

4.2.1 IDE Install

Here we use visual studio code for development tools. How we install it? At first, we download it from its official site then we open it and then install it with clicking next and next and last it will install successfully.

Here is the screenshot of the successful installation of visual studio code.

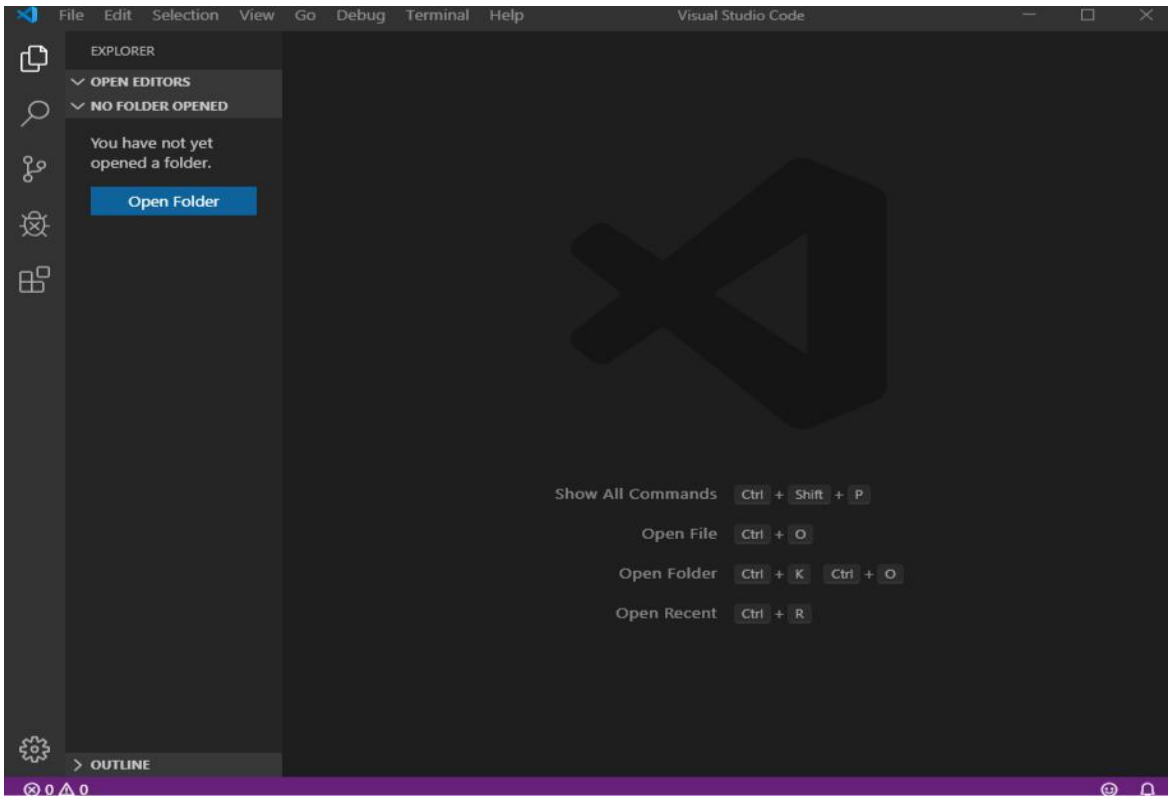

Figure 4.2: Visual Studio

In this IDE we install some php plugins for better coding environment we also install HTML, CSS, Bootstrap plugins for smooth coding.

As a result, we not need to write the full code we just write the first line and then the intelligence says that this code would be generate in next line.

4.2.2 XAMPP Setup

XAMPP is a control board. We are utilizing the xampp for associate database in neighborhood server/phpMyAdmin. Step by step instructions to arrangement xampp talk about how:

1. Introduce the XAMPP control board.
2. Select part.
3. Select area which organizer we need to put this product.
4. At that point show the bitnami for xampp then we press next catch
5. At last introduced the xampp control board.

In the event that the establishment procedure well and everything is running easily, the control board will open with beat up content update at the base.

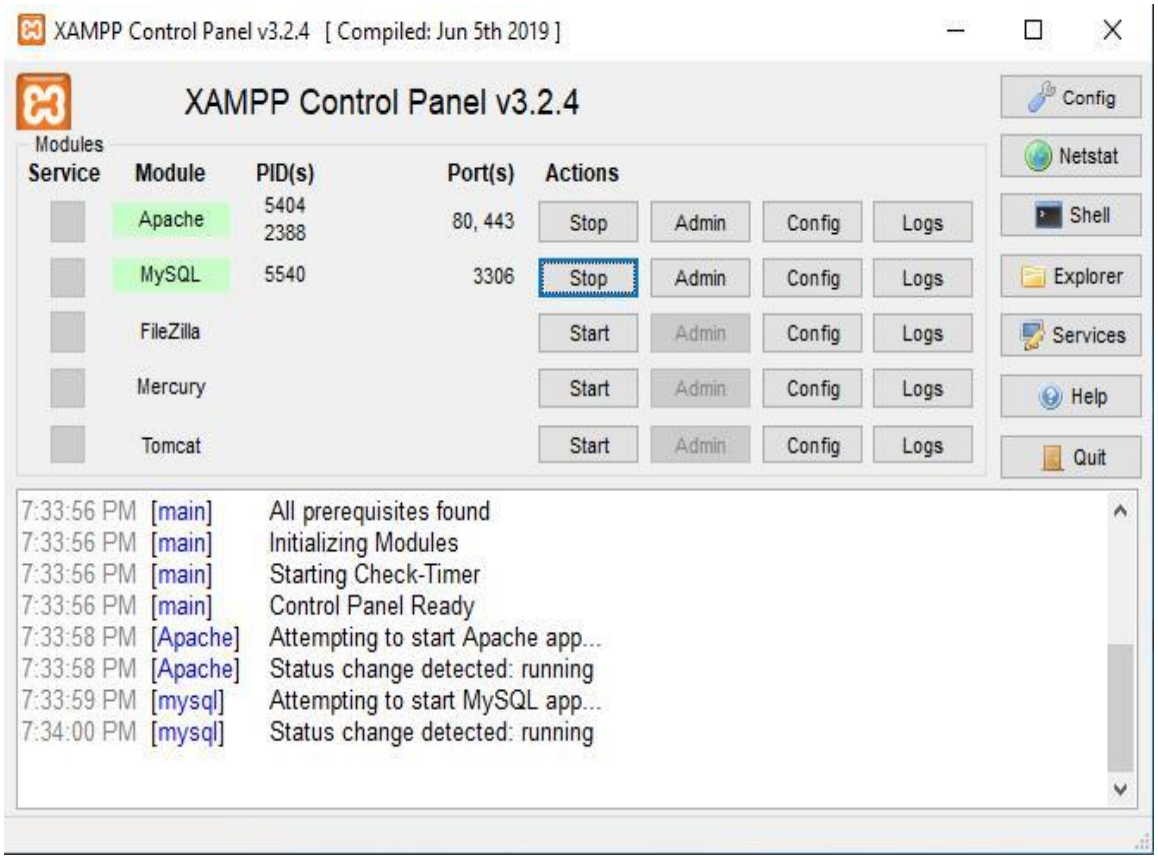

Figure 4.3: XAMPP setup

In the event that the establishment procedure not great and everything is running incorrectly, at that point take a gander at that red content! What's more, there have a few blunders.

In the event that XAMPP control board show mistake we checkout the apache and MySQL server and adjustment the port.

Apache port is 80,433 and the MySQL server port is 3306. At the point when all are great this server does work easily.

4.2.3 Database Setup

To work in the database, we use MYSQL. We use phpMyAdmin device. MySQL is chips away at a customer server model. The center of MySQL will be MySQL server, which handles the entirety of the database direction.

MySQL server is accessible as an individual program for use in a customer server organized circumstances and as a library that can be connected into singular applications. MySQL works alongside various utility projects which bolster the organization of MySQL databases.

Directions are sent to MySQL Server by means of the MySQL customer, which is introduced on a PC. MySQL was initially created to deal with enormous databases quick. Despite the fact that MySQL is regularly introduced on just a single gadget, it can send the database to numerous areas, as clients can get to it by means of a few MySQL customer interfaces.

These interfaces send SQL depictions to the server and afterward show the outcomes.

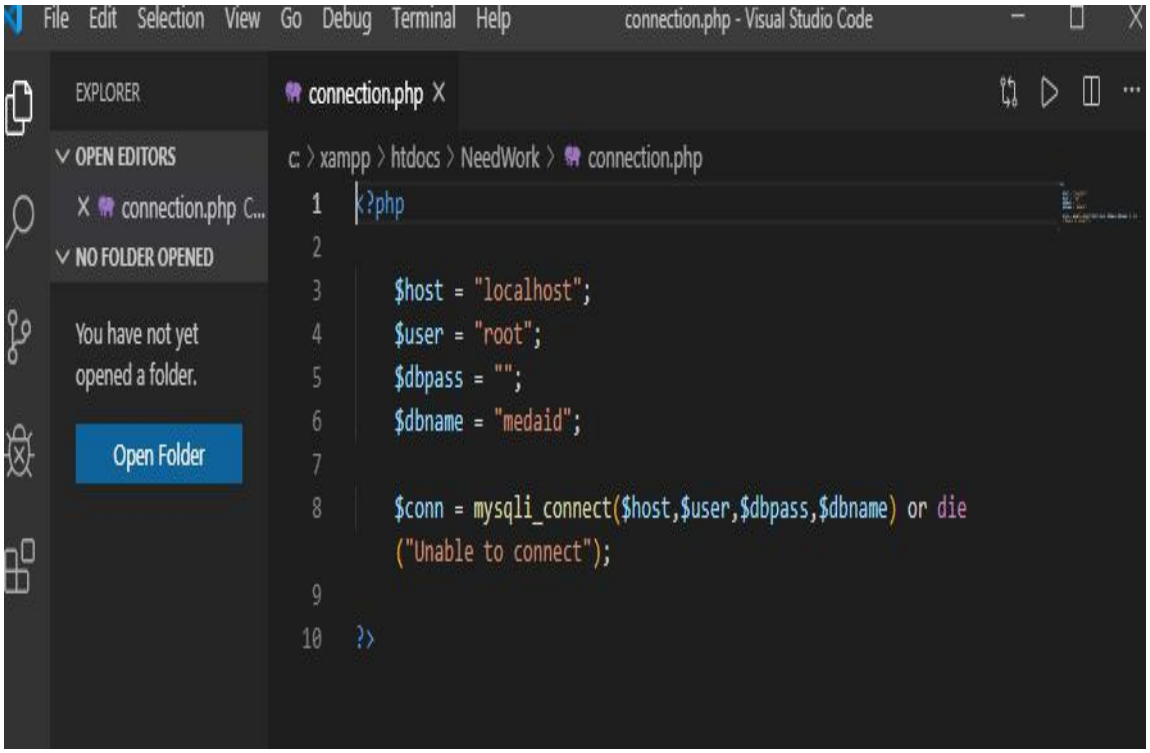

Figure 4.4: Database Connection

Here we use our php code for connect our database with the application and the we write a code of php7 version where mysqli_connect function has four parameter and they are host, user, password and database name.

4.3 Interaction Design and UX

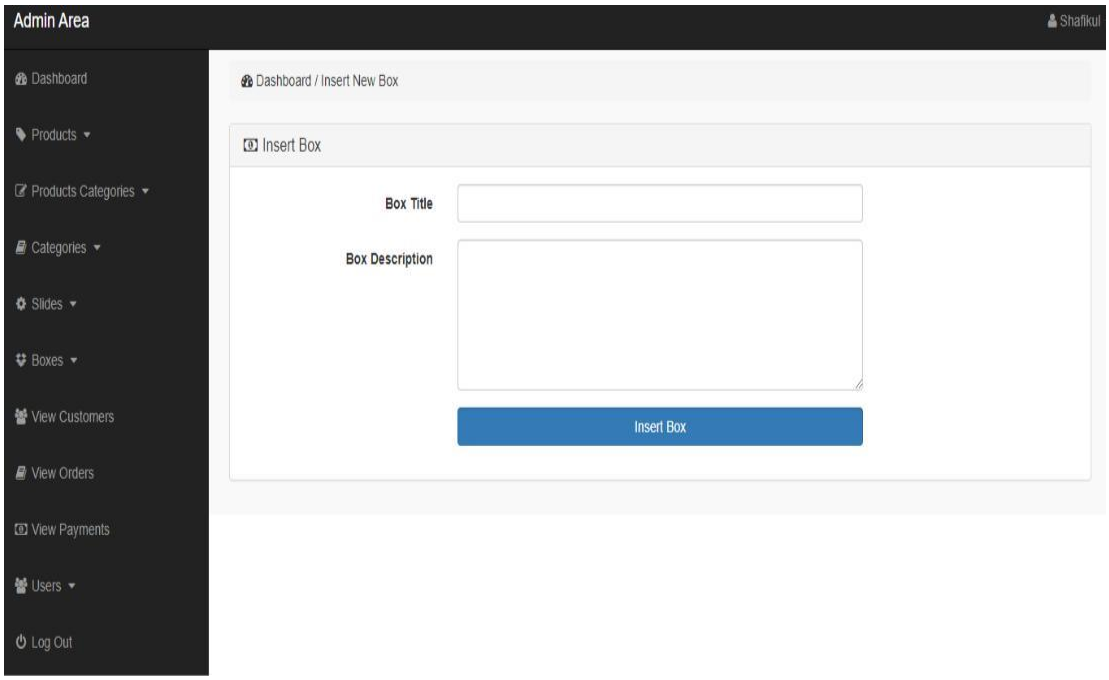

Figure 4.5: Admin panel

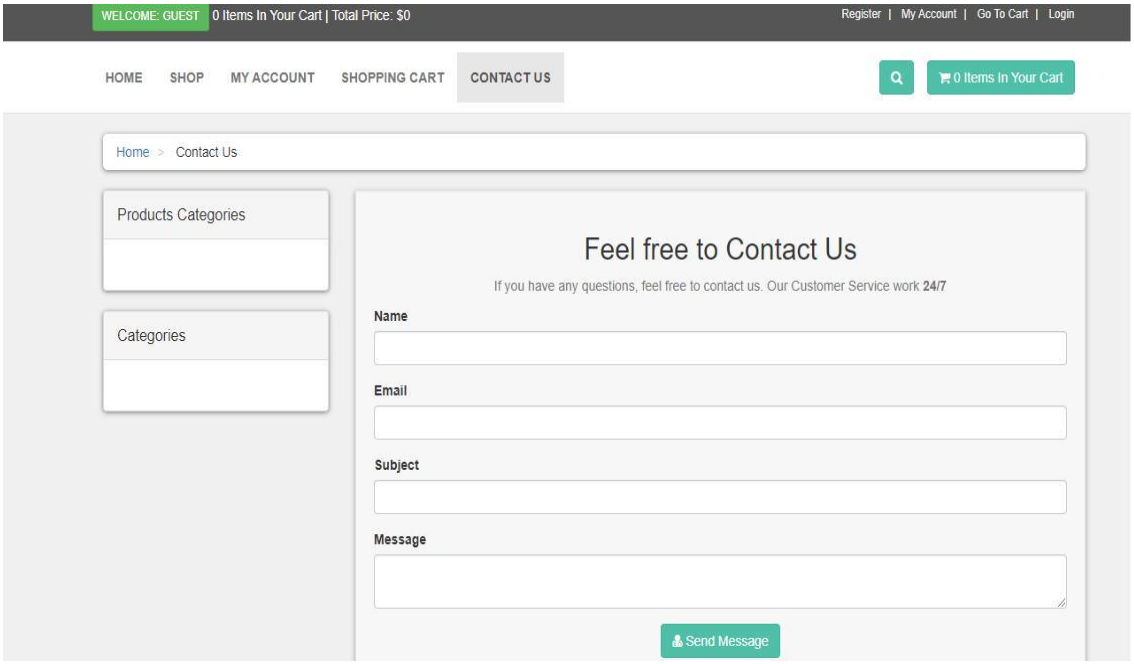

Figure 4.6: Contact page

In the above picture we can see that there are user contact page and admin panel where an admin can see everything of the customer behavior and also can control the feature of our

web site again a new customer how to contact our admin also see the screenshot of that process.

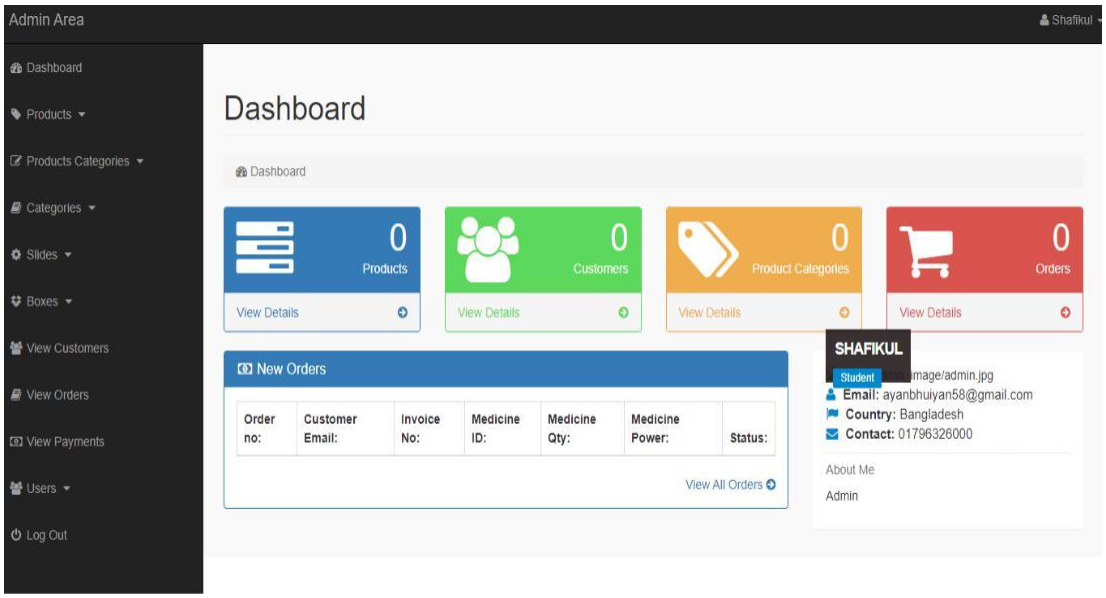

Figure 4.7: Admin page

4.4 Implementation Requirement

Essentially our server design relies upon xampp control board. Presently we demonstrating the equipment and programming prerequisite to build up this venture.

Equipment Prerequisite:

Server side:

Processor: 4 GB

Hard circle: 50 GB

Slam: 2 GB

Programming Prerequisite**:**

Server side:

Working framework: Windows

Device: Visual Studio

Back-End: Bootstrap, PHP, MYSQL

CHAPTER 5

IMPLEMENTATION AND TESTING

5.1 Implementation of database

As we work on phpMyAdmin first we create a database and give it a name medical and then make some table like cart table, order table, payment table, product table, boxes table, slider table so on.

We can dynamically change this thing from our admin page. Then we connect the database with our project. Now we will show the database and the connection code.

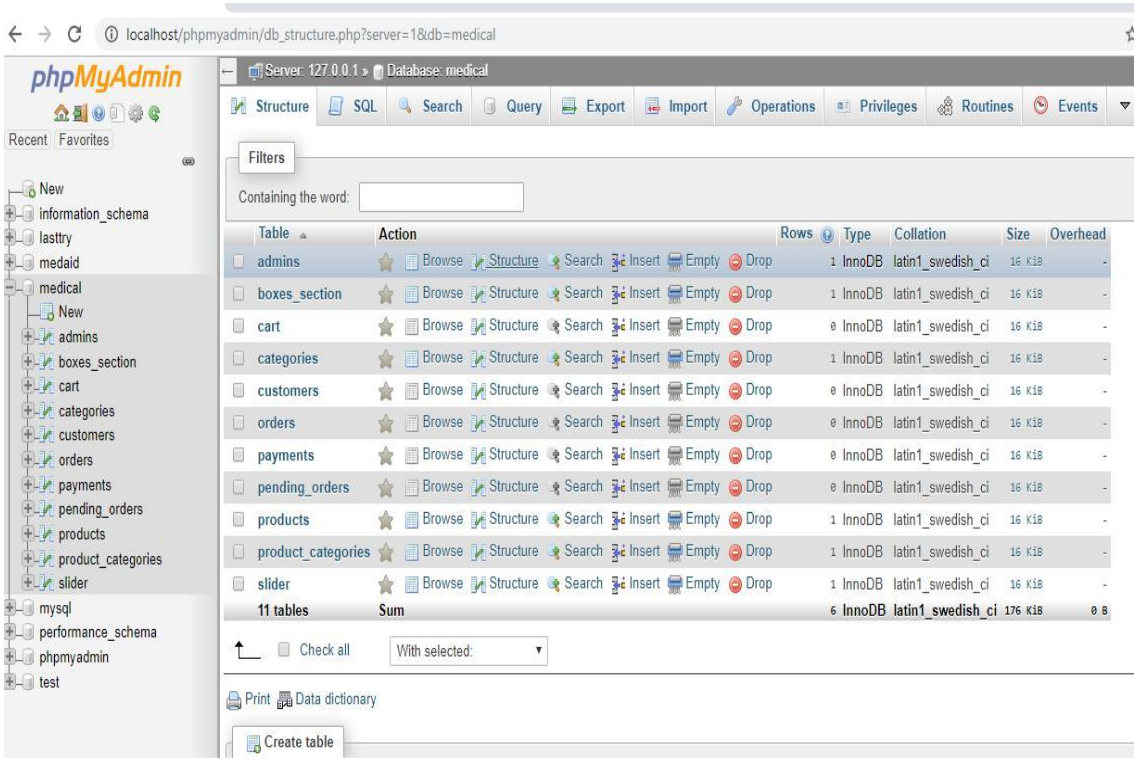

Figure 5.1: Localhost

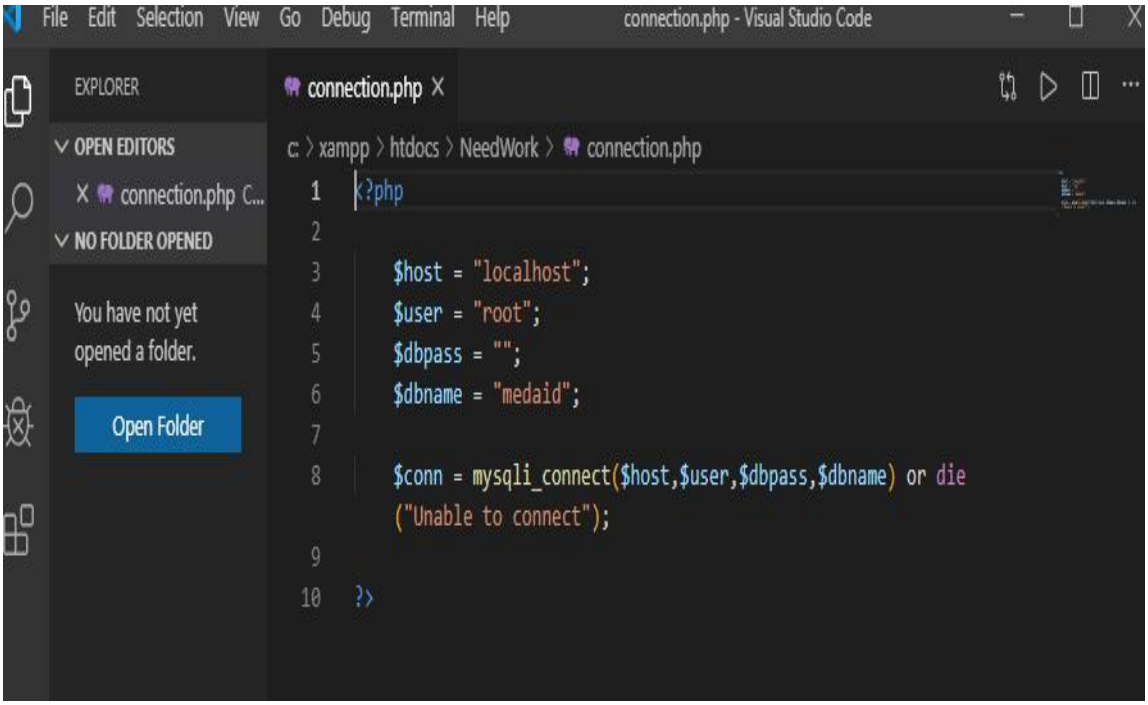

Figure 5.2: Database Connection

Table 1: Admin Table

admin_id	01
admin_name	Ahad
Admin_email	ahad@gamil.com
Admin_pass	Xxxxx
Admin_image	Ahad.jpg
Admin_country	Bangladesh
Admin_about	Admin
Admin_contact	017XX-XXXXXX

Table 2: User Table

Customer_id	02
Customer_name	Poran
Customer_email	poran@gmail.com
Customer_pass	Xxxxx
Customer_country	Bangladesh
Customer_city	Dhaka
Customer_contact	017XX-XXXXXX
Customer_address	Dhaka
Customer_image	Poran.jpg
Customer_ip	XXXX

Table 3: Boxes Table

Boxes_id	01
Boxes_title	Offers
Boxes_desc	50% Discount

5.2 Implementation of Front-End Design

First, we attract a paper what we need to do in our venture then we actualize in our foundation Visual Studio. We use html CSS in our task and furthermore we utilize bootstrap for responsive site.

What's more, this site makes alluring there we use java content and jQuery. Bootstrap site has a ton of building card and formats anybody can utilize this site and make task front end looking amazing

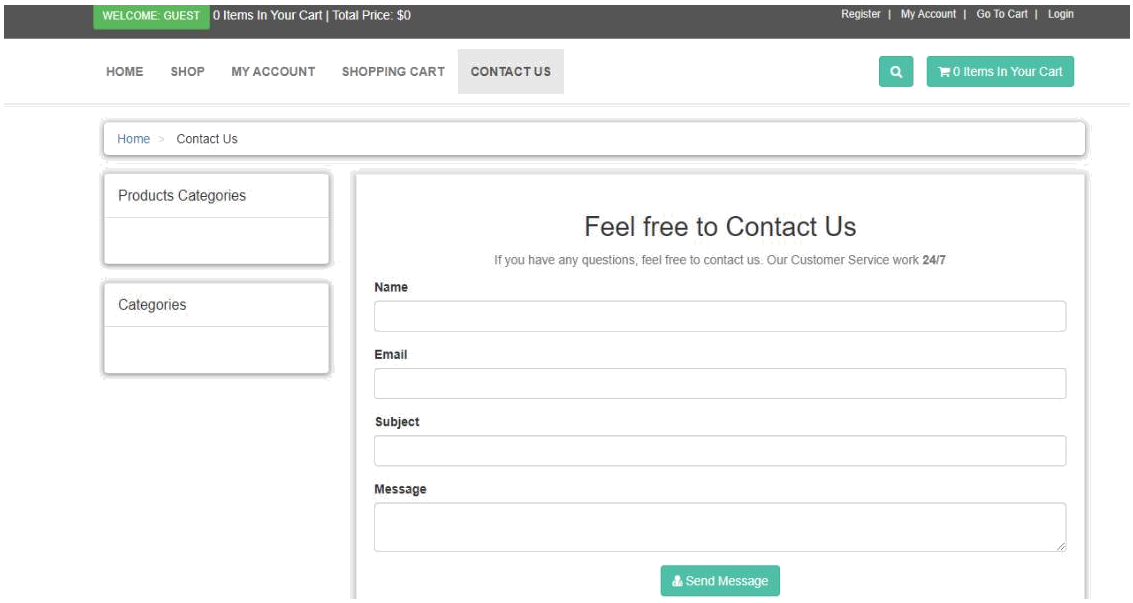

Figure 5.3: Register

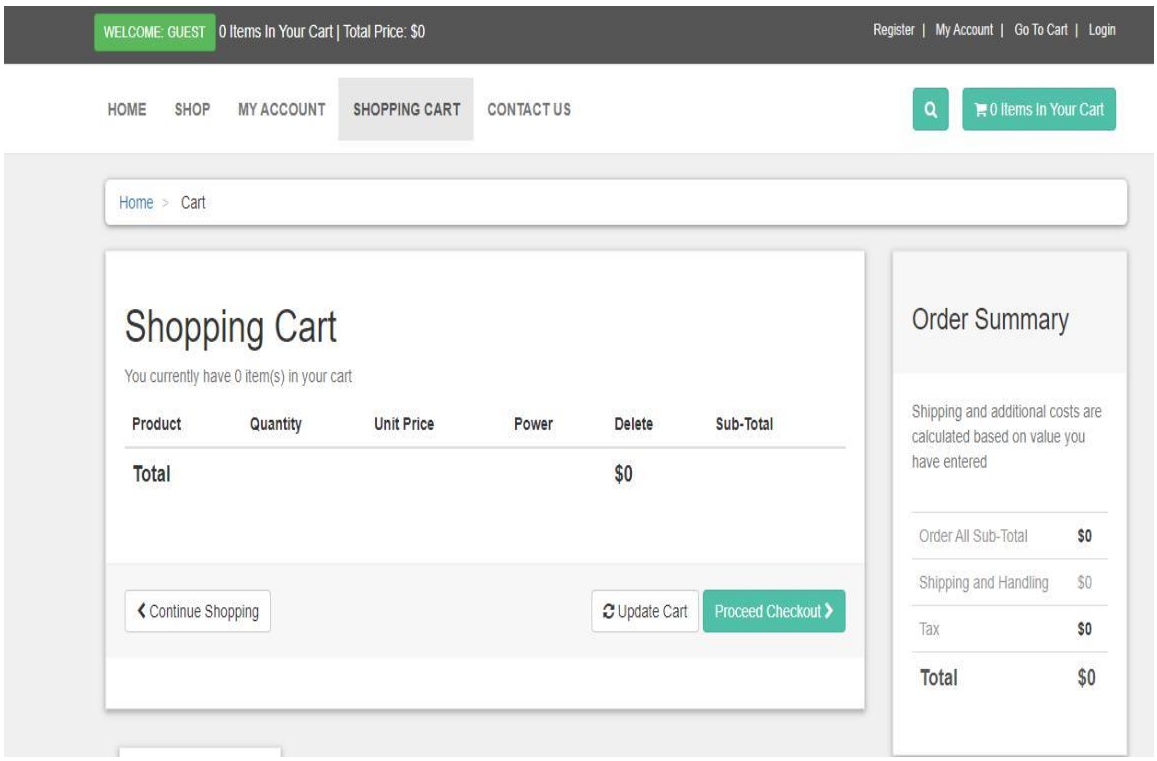

Figure 5.4: Cart Option

5.2.1 Code for Register

customer_register.php

C: > xampp > htdocs > FinalProjects > customer_register.php

```
154     $c_pass = $_POST['c_pass'];
155
156     $c_country = $_POST['c_country'];
157
158     $c_city = $_POST['c_city'];
159
160     $c_contact = $_POST['c_contact'];
161
162     $c_address = $_POST['c_address'];
163
164     $c_image = $_FILES['c_image']['name'];
165
166     $c_image_tmp = $_FILES['c_image']['tmp_name'];
167
168     $c_ip = getRealIpUser();
169
170     move_uploaded_file($c_image_tmp,"client/client_image/$c_image");
171
172     $insert_customer = "insert into customers (customer_name,customer_email,customer_pass,
        customer_country,customer_city,customer_contact,customer_address,customer_image,
        customer_ip) values ('$c_name','$c_email','$c_pass','$c_country','$c_city',
        '$c_contact','$c_address','$c_image','$c_ip')";
173
174     $run_customer = mysqli_query($con,$insert_customer);
175
176     $sel_cart = "select * from cart where ip_add='$c_ip'";
177
178     $run_cart = mysqli_query($con,$sel_cart);
179
180     $check_cart = mysqli_num_rows($run_cart);
181
182     if($check_cart>0){
```

Figure 5.5: Customer register code

5.3 Testing Implementation

Here we indicating the testing execution of enrollment process in our undertaking. When administrator login through administrator dashboard. Administrator can see employee, and instructor can make homeroom, administrator can transfer supportive record.

At the point when client sign in through client dashboard. client can access and instructional exercise.

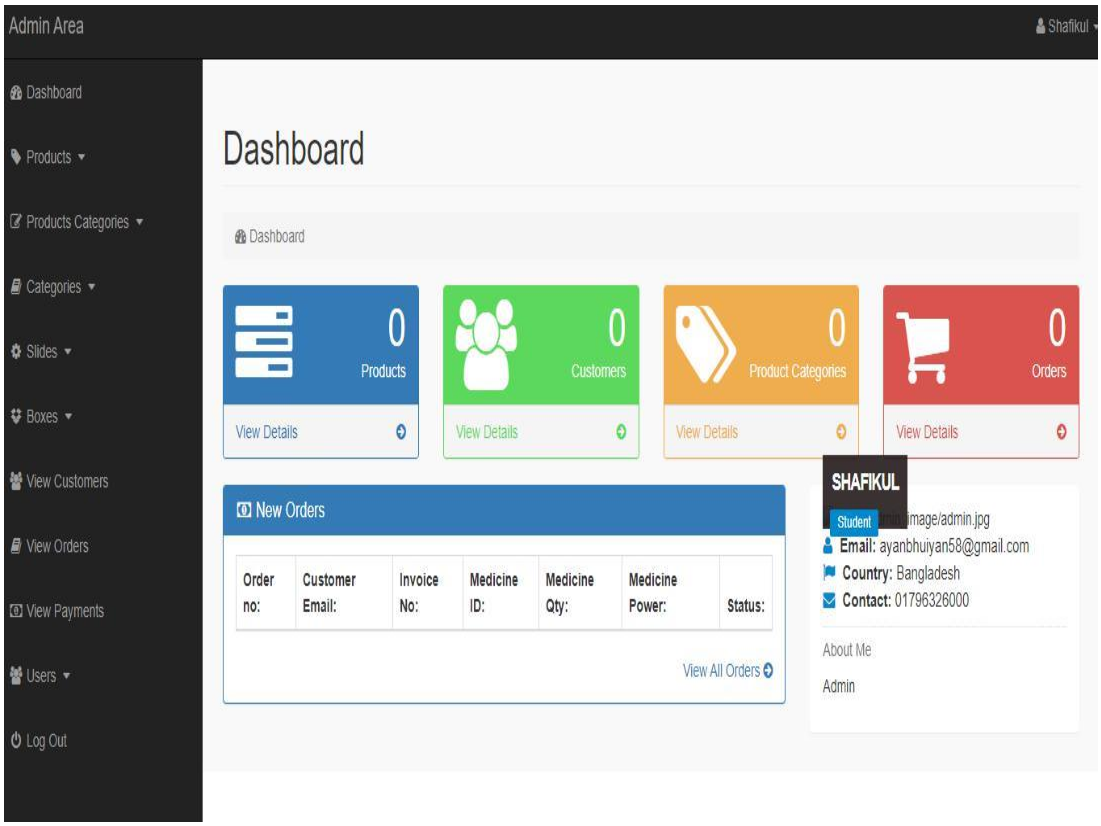

Figure 5.6: Admin dashboard

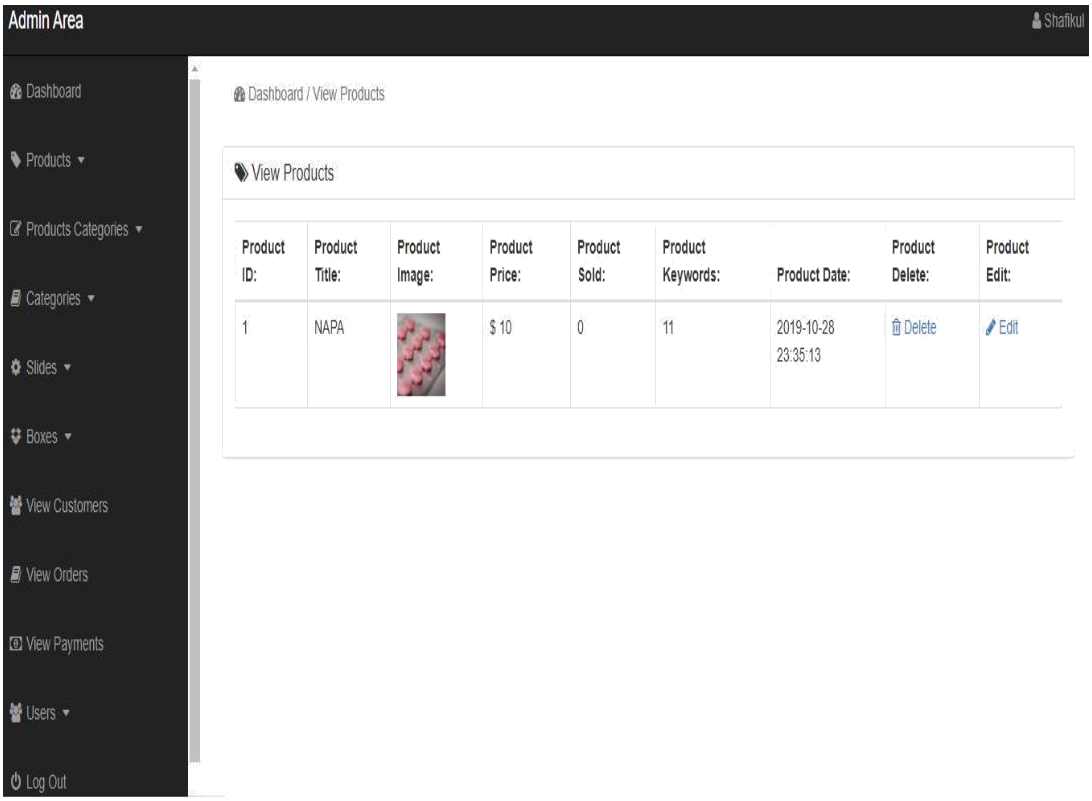

Figure 5.7: Product output

In admin dashboard we can see that there are the admin information and what are feature add into the admin panel we can also see that.

Again in product function we see the product details and its date and time of expire.

5.3.1 Code for Admin

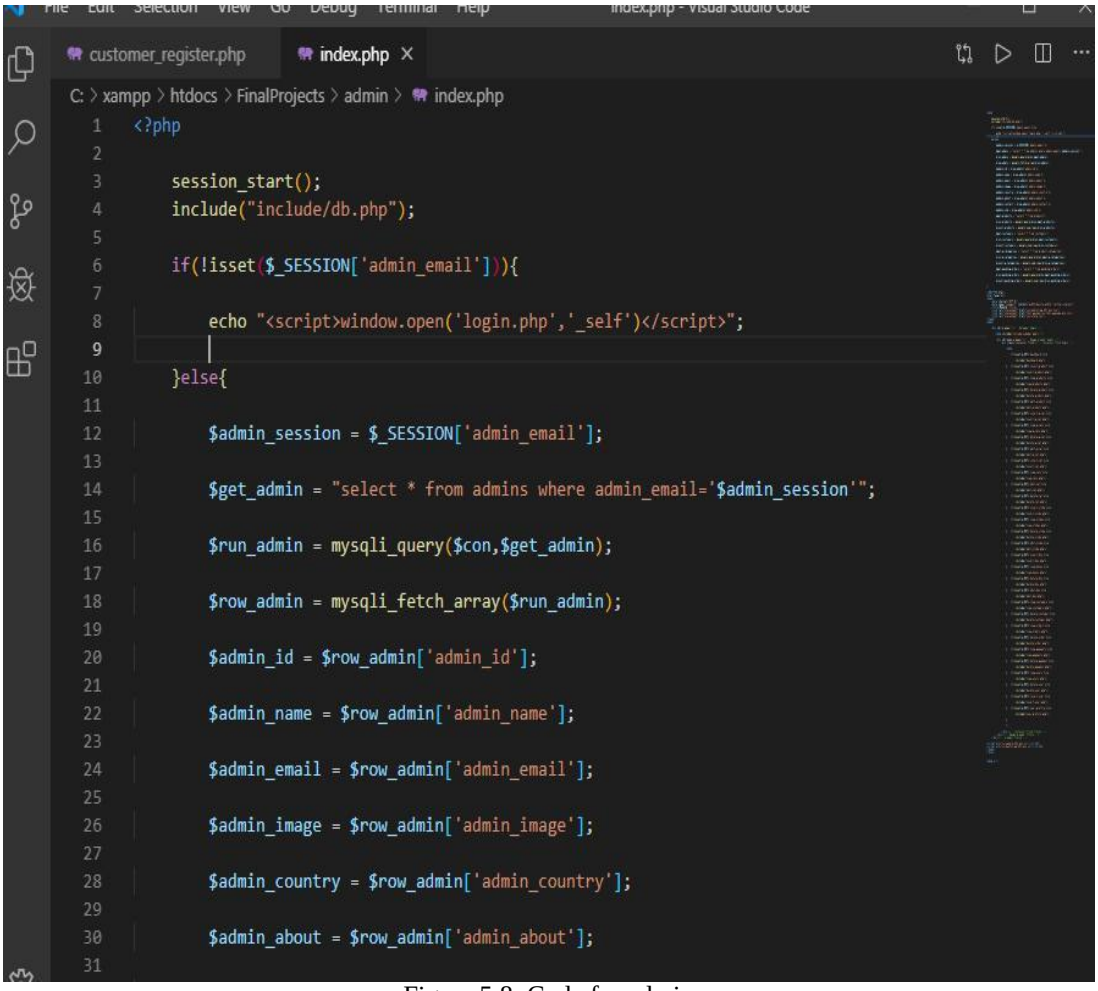

Figure 5.8: Code for admin

5.4 Test Result and Report

Our undertaking doing work well overall. In any case, our desire is so high. A few highlights are progressed admirably and a few highlights not work so great. We give our best to finish a shot anticipated result before conclusive barrier.

CHAPTER 6
SUMMARY AND CONCLUSION

6.1 Summary

An online drug store, web drug store, or mail-request drug store is a drug store that works over the web and sends the requests to clients through mail or dispatching organizations.

6.2 Conclusion

Legal Internet drug stores advantage a buyer's social insurance involvement from numerous points of view. These drug stores give accommodation and productivity—two preferences pined for by individuals living occupied lives.

Customers can remove a couple of moments from their mid-day break to submit a request, or they can even request the remedies at 3 A.M., long after numerous traditional drug stores have shut. Web drug stores can offer a level of protection not found at the nearby drug store, and patients can get solutions and pose inquiries from the intrusive eyes and listening ears of neighbors, associates, and different gatherings.

At long last, Internet drug stores help homebound patients and those living a long way from a conventional drug store. Web drug stores that perform illicit apportioning rehearses, be that as it may, affirm a fierceness of potential threats to a shopper's wellbeing.

Drug stores that give doctor prescribed medicine without a legitimate medicine or give a medicine based on an online poll empower customers to sidestep a significant shield—an eye to eye meeting with an authorized doctor. Plainly patients must be shielded from such risky apportioning rehearses. Guideline, be that as it may, ought not just dispose of unlawful Internet drug stores, it ought to likewise empower the development of an important expansion to both the human services industry and online business—the legal Internet drug store.

At long last, customers' inclinations in online drug stores ought to advance self-appearance in the therapeutic network. Doctors and drug specialists ought to wonder why

their patients would prefer to get meds without a medicine, an eye to eye counsel, or a visit to their neighborhood drug store, and what genuine and lawful practices the.

6.3 Future Work

Over late years, we have seen a great development of online drug stores in the UK. Never again do you need to feel humiliated when you turn up at your neighborhood drug store to get nonexclusive Viagra, when rather, you can arrange online in the solace of your own home and have it conveyed straightforwardly to your front entryway.

While online drug stores are the same old thing, they have absolutely changed the manner in which we request our remedies lately. Discover by what other means online drug stores could profit us soon beneath, additionally check how online specialist can support you.

6.3.1 Electronic Prescribing

Electronic recommending frameworks mechanize the whole remedy, supply and organization of meds in medical clinics over the world. Not just has the utilization of electronic endorsing frameworks decreased blunders, yet it has likewise hugely improved the wellbeing of patients over the world.

Before long, online drug stores could work nearby a similar guideline with their own electronic recommending and release, making sending notes between therapeutic professionals considerably more productive, and far simpler for the patient to get their solution.

6.3.2 Improved Services

In spite of the fact that their prominence, online drug stores are as yet limited to what they can do and give. While the danger of unregistered online drug stores giving individuals, fake physician endorsed medications remains progressively high, we could before long observe official online drug stores offering improved administrations in the restorative business.

Before long enough, you might do substantially more than simply request your solution on the web – the eventual fate of online drug stores could mean one day just requiring an online meeting to get the prescription that you need.

6.3.3 Standardized tag Medicine Identification

While it is (ostensibly) practically difficult to control unlawful online drug stores, the utilization of scanner tag prescription distinguishing proof can absolutely assist battle with medicating organization mistakes and duplicating.

While this propelled framework still can't seem to be completely built up, the scanner tag examining of prescriptions will drastically affect the productivity of online drug store work process. For the sake of security, we can positively hope to see it executed in the coming years.

6.3.4 Programmed Dispensing

For those of us who are somewhat worried that robots will assume control over the world later on – it's a real dread! – You'll be less satisfied to realize that these robots could really help bolster mechanized administering in years to come.

While the main mechanized apportioning machine previously hit UK drug stores over 7 years back, the wonder is still to take off more broadly. It's additionally imperative to take note of that albeit nothing is distinct; it is more than conceivable that 2018 could be the year for this very cutting-edge innovation to really take off.

6.3.5 Versatile Technology

Before long, you may even be cautioned by your portable when it's time or requests a recurrent solution! While we can at present select to get messages disclosing to us when an arrangement is expected, online drug stores may send us advantageous message on the development of our remedy running out altogether, which could possibly spare lives. Just as advantageous versatile alarms, with cutting edge portable innovation, we can utilize applications to screen our wellbeing, for example, for checking blood glucose levels.

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