**CHAPTER 1**

**INTRODUCTION**

**1.1 INTRODUCTION TO SQL**

Today, data is the basis of any business. The world of enterprise computing is the epitome of data-driven businesses. The importance of structured storage of data is unquestionably in the focus. And at this time, with the computing model quickly shifting towards the cloud, and storage costs falling rapidly, enterprises are leveraging data more and more to tune their businesses.

It is, then, imperative that a ground-zero understanding of this structured model of storage and retrieval of data is of paramount importance. A beginner, however, naturally feels lost in the sea of information available out in the wild world. This series, Introduction to SQL, comes to the rescue, by starting at the very base of SQL — the very fabric — and then, launching from there, towards the bigger picture.

The concept of SQL has been around for four decades now. However, it has been evolving and continues to evolve. We all studied SQL at some point or another in our education. We are here to make it better by moving away from the archaic tools and practices. When you learn a certain system using archaic tools and practices, you need to assimilate it and rethink the application of this system in the modern industry when you become part of it. With this book, on the other hand, you would be learning the concepts using industry-standard tools and practices.

Understand that SQL is not going anywhere. If anything, it has only become a hot cake with a further push in the competition by some strategic drivers like Microsoft, who have now made SQL available for Linux as well. The different cloud offerings such are Microsoft Azure and Amazon Web Services — the two largest players in the field — have a very dedicated approach to the relational database model, and SQL, subsequently. And this is just the beginning of a new era.

**1.2 INTRODUCTION TO FRONT END SOFTWARE**

The front end stack is made up of many different languages and libraries. While these vary from application to application, there are only a few generic languages understood by all web browsers. These three main front-end coding languages are HTML, CSS and JavaScript.

Together, they create the underlying scaffolding that web browsers use to render the web pages that we interact with every day. All other libraries and front-end engineering are built upon these three main languages, which makes them must-have skills for any front-end developer.

**HTML**

HyperText Markup Language, commonly referred to as HTML, is the standard markup language used to create web pages. Web browsers can read HTML files and render them into visible or audible web pages. HTML describes the structure of a website semantically along with cues for presentation, making it a markup language, rather than a programming language.

**CSS**

Cascading Style Sheets (CSS) is a style sheet language used for describing the look and formatting of a document written in a markup language. Although most often used to change the style of web pages and user interfaces written in HTML and XHTML, the language can be applied to any kind of XML document, including plain XML, SVG and XUL. Along with HTML and JavaScript, CSS is a cornerstone technology used by most websites to create visually engaging webpages, user interfaces for web applications, and user interfaces for many mobile applications.

**JavaScript**

JavaScript is a runtime language for web browsers. This means that when you open a web page, the page will load both the foundational JavaScript that is standard with the page and any new JavaScript added to a page. The new JavaScript will load in parallel with it and can perform actions and make decisions.

JavaScript differentiates from back-end languages such as Java or Ruby in that it’s visible to the user and is not compiled ahead of time to run secretly behind the curtain. It’s the true programming language of front-end engineering and the underlying language that ties everything together.

**Django**

Django is a web application framework written in Python programming language. It is based on MVT (Model View Template) design pattern. The Django is very demanding due to its rapid development feature. It takes less time to build application after collecting client requirement.

This framework uses a famous tag line:The web framework for perfectionists with deadlines.By using Django, we can build web applications in very less time. Django is designed in such a manner that it handles much of configure things automatically, so we can focus on application development only.

**1.3 PROJECT REPORT OUTLINE**

The report is arranged in the following way:

Chapter 1: Introduction

Chapter 2: Requirement Specification

Chapter 3: Objective of the project

Chapter 4: Implimentation

Chapter 5: Frontend Design

Chapter 6: Testing

Chapter 7:Result

**CHAPTER 2**

**REQUIREMENT SPECIFICATION**

**2.1 SOFTWARE REQUIREMENTS**

Operating System : Windows 8

Database : MySQL Server.

Tools : Visual Studio, Google Chrome, Command Prompt.

**2.2 HARDWARE REQUIREMENTS**

Processor : Any Processor above 500 MHz.

RAM : 4.00 GB.

Hard Disk : 64-Bit Operating System.

Compact Disk : 650 MB.

Input device : KeyBoard and Mouse.

Output device : Monitor.

**CHAPTER 3**

**OBJECTIVE OF THE PROJECT**

The main objective of the E-Commerce Website is to manage the details of shopping, bills, customer. It manages all the information about products,customers,shopping. The Project is totally built at administrative end and thus only the administrator is guranteed the access. The purpose of the project is to build an application program to reduce the manual work of managing. It tracks all the details about bills and customers.

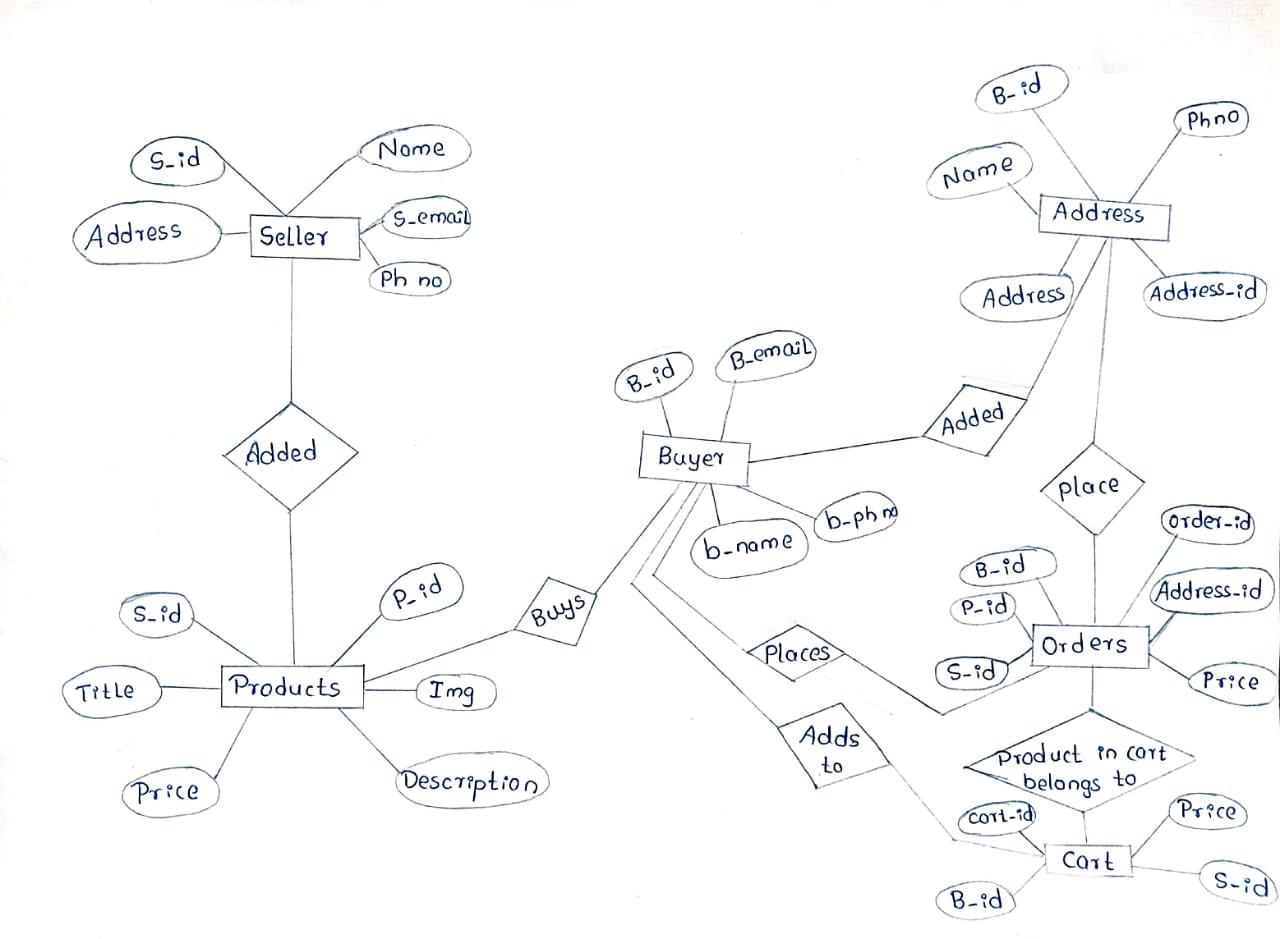
**Features are as follows :**

* Provides the searching facilities on various factors.
* Manage the information of bills and customers.
* Shows the information and description of the shopping.
* It generates the bills, Increases Efficiancy.
* Deals with monitering the information.
* Editing, Adding and Updating of records is improved which results in proper resource management of the website.
* Integration of all records of buyers.

**CHAPTER 4**

**IMPLEMENTATION**

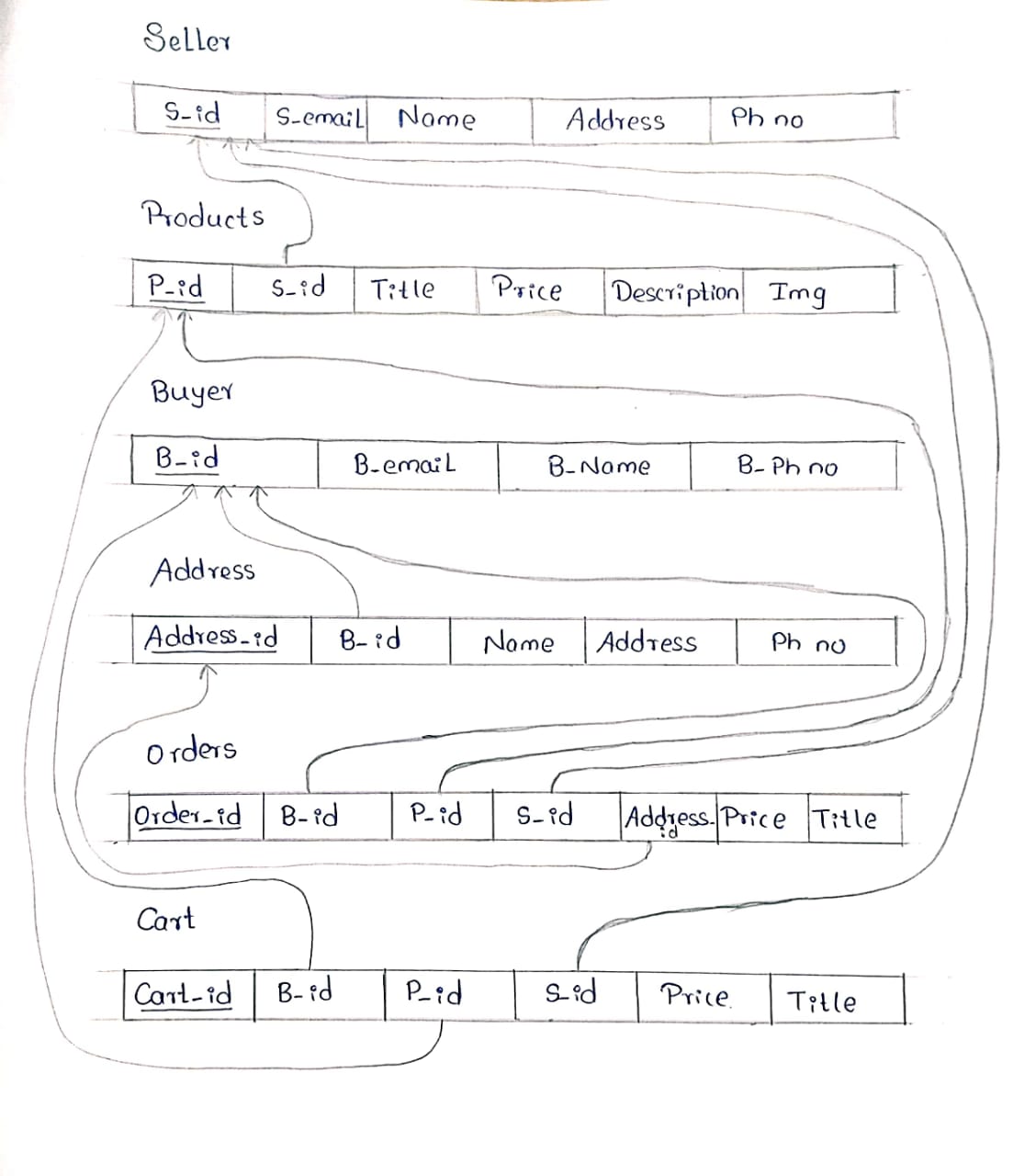
**4.1 ER DIAGRAM**



**Fig 1: ER Diagram**

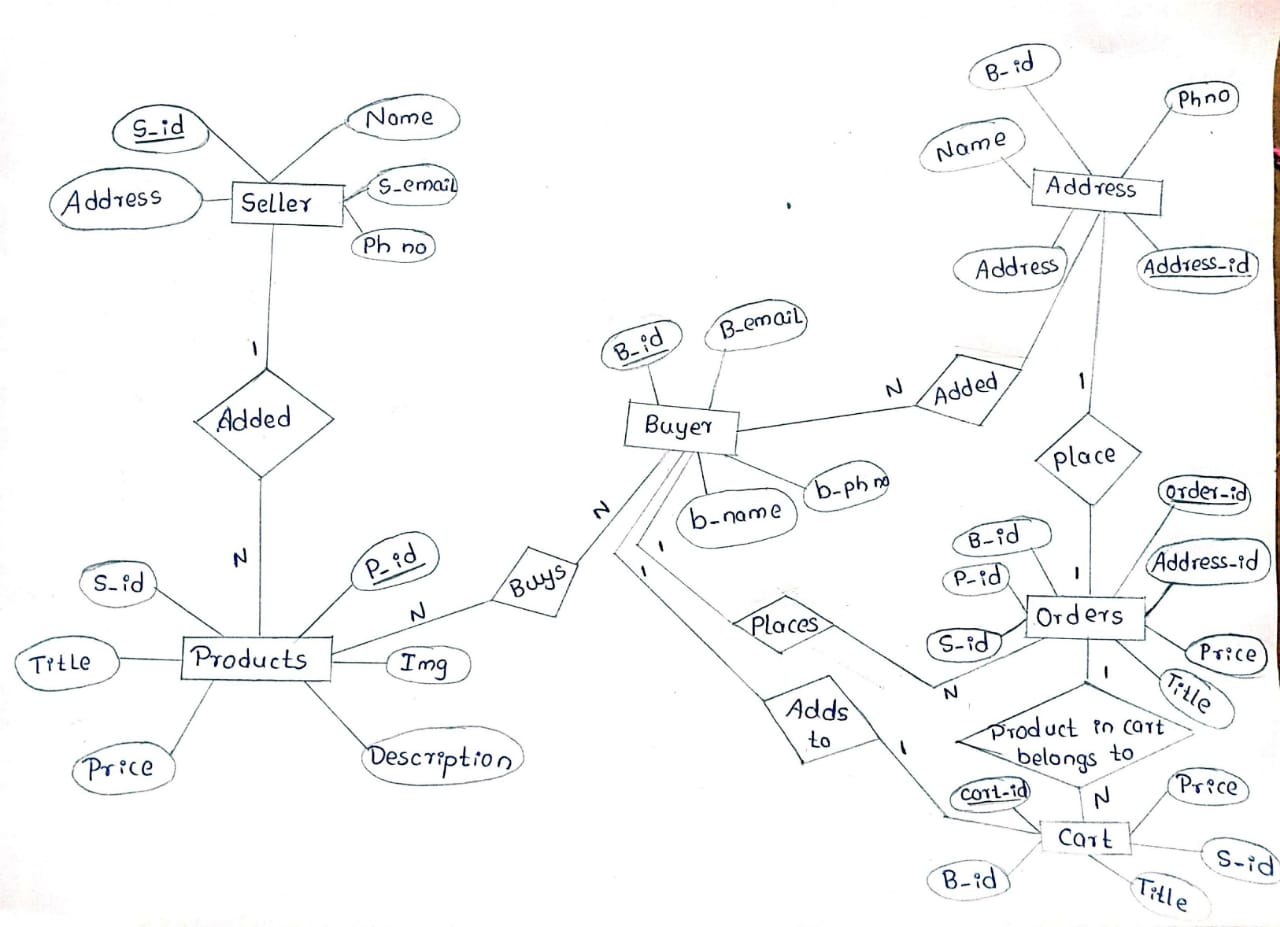
**4.2 MAPPING OF ER DIAGRAM TO SCHEMA**

**DIAGRAM**



**Fig 2: Schema diagram**

**4.3 MAPPING OF THE ER SCHEMA TO RELATIONS**



**Fig 3: ER Schema to Relations diagram**

**4.4 CREATION OF TABLES**

operations = [

migrations.CreateModel(

name='buyer',

fields=[

('b\_email',models.CharField(max\_length=100,primary\_key=True, serialize=False)),

('b\_name', models.CharField(max\_length=100)),

('b\_phno', models.CharField(max\_length=10, null=True)),

],

options={

'db\_table': 'buyer',

},

),

migrations.CreateModel(

name='seller',

fields=[

('id',models.AutoField(auto\_created=True,primary\_key=True,serialize=False, verbose\_name='ID')),

('s\_name', models.CharField(max\_length=50)),

('s\_address', models.CharField(max\_length=200)),

('s\_phno', models.CharField(max\_length=20)),

('email',models.ForeignKey(on\_delete=django.db.models.deletion.CASCADE, to='webapp.buyer')),

],

options={

'db\_table': 'seller',

},

),

migrations.CreateModel(

name='product',

fields=[

('id',models.AutoField(auto\_created=True,primary\_key=True,serialize=False, verbose\_name='ID')),

('title', models.CharField(blank=True, max\_length=100)),

('description', models.TextField(blank=True)),

('image', models.ImageField(blank=True, upload\_to='product\_image')),

('price', models.IntegerField(blank=True, default=0)),

('sid',models.ForeignKey(on\_delete=django.db.models.deletion.CASCADE, to='webapp.seller')),

],

options={

'db\_table': 'product',

},

),

migrations.CreateModel(

name='address',

fields=[

('id',models.AutoField(auto\_created=True,primary\_key=True,serialize=False, verbose\_name='ID')),

('name', models.CharField(max\_length=30)),

('phno', models.CharField(max\_length=10)),

('address', models.TextField()),

('bid',models.ForeignKey(on\_delete=django.db.models.deletion.CASCADE, to='webapp.buyer')),

],

options={

'db\_table': 'address',

},

),

migrations.CreateModel(

name='orders',

fields=[

('id',models.AutoField(auto\_created=True,primary\_key=True,serialize=False, verbose\_name='ID')),

('oid', models.CharField(editable=False, max\_length=128)),

('price', models.IntegerField()),

('quantity', models.IntegerField()),

('address',models.ForeignKey(on\_delete=django.db.models.deletion.CASCADE, to='webapp.address')),

('bid',models.ForeignKey(on\_delete=django.db.models.deletion.CASCADE, to='webapp.buyer')),

('pid',models.ForeignKey(on\_delete=django.db.models.deletion.CASCADE, to='webapp.product')),

('sid',models.ForeignKey(on\_delete=django.db.models.deletion.CASCADE, to='webapp.seller')),

],

options={

'db\_table': 'orders',

'unique\_together': {('bid', 'pid', 'sid')},

},

),

migrations.CreateModel(

name='cart',

fields=[

('id',models.AutoField(auto\_created=True,primary\_key=True,serialize=False, verbose\_name='ID')),

('quantity', models.IntegerField()),

('price', models.IntegerField()),

('bid',models.ForeignKey(on\_delete=django.db.models.deletion.CASCADE, to='webapp.buyer')),

('pid',models.ForeignKey(on\_delete=django.db.models.deletion.CASCADE, to='webapp.product')),

('sid',models.ForeignKey(on\_delete=django.db.models.deletion.CASCADE, to='webapp.seller')),

],

options={

'db\_table': 'cart',

'unique\_together': {('pid', 'bid')},

},

),

]

**In SQL**

1. **Creating table for buyers**

Create Table Buyer

(

B\_id int primary key,

B\_email Varchar(20),

B\_name Varchar(20),

B\_phno int

);

1. **Creating table for sellers**

Create Table Seller

(

S\_id int primary key,

S\_email Varchar(20),

S\_name Varchar(20),

S\_address Varchar(20),

B\_phno int

);

1. **Creating table for products**

Create Table Products

(

P\_id int primary key ,

S\_id References Seller(S\_id) on Delete Cascade,

Title Varchar(20),

price int,

Description Varchar(50),

Img ImgFeild

);

1. **Creating table for Address**

Create Table Address

(

Address\_id int primary key ,

B\_id References Buyer(B\_id) on Delete Cascade,

Name Varchar(20),

Address Varchar(50),

Phno int

);

1. **Creating table for Cart**

Create Table Cart

(

Cart\_id int primary key ,

B\_id References Buyer(B\_id) on Delete Cascade,

P\_id References Products(P\_id) on Delete Cascade,

S\_id References Seller(S\_id) on Delete Cascade,

Price int,

Title Varchar(20)

);

1. **Creating table for Orders**

Create Table Orders

(

Order\_id int primary key ,

B\_id References Buyer(B\_id) on Delete Cascade,

P\_id References Products(P\_id) on Delete Cascade,

S\_id References Seller(S\_id) on Delete Cascade,

Price int,

Title Varchar(20)

);

**4.5 INSERTION OF TUPLES**

# Create your views here.

# start of logout

def logout\_app(request):

logout(request)

return HttpResponseRedirect("/")

# end of logout page

# start of home page

def home(request):

if request.user.is\_authenticated:

user\_email=request.user.email

query="select \* from buyer where b\_email='"+user\_email+"';"

user = len(list(buyer.objects.raw(query)))

cursor=connection.cursor()

if(user == 0):

cursor.execute("insert into buyer values('" + user\_email+"','"+request.user.username+"','null')")

cursor = connection.cursor()

return render(request, 'home.html')

# end of home page

# start of add\_to \_cart in db

def add\_to\_cart(request, id):

if request.user.is\_authenticated:

products = product.objects.get(id=id)

cursor = connection.cursor()

user\_email = request.user.email

p\_id = str(products.id)

query = "select \* from cart where bid\_id='"+user\_email+"' and pid\_id="+p\_id

c = len(list(cart.objects.raw(query)))

if(c == 0):

bid = buyer.objects.get(b\_email=request.user.email)

added = cart(pid=products, bid=bid,price=products.price, sid=products.sid, quantity=1)

added.save()

# cursor.callproc("add\_to\_cart",[product\_now.id,user\_email,product\_now.price,product\_now.s\_id\_id])

else:

# print("enters else")

cursor.execute("update cart set quantity=quantity+1 where pid\_id=" + p\_id+" and bid\_id='"+user\_email+"';")

cursor.execute("update cart set price="+str(products.price) + "\*quantity where pid\_id="+p\_id+" and bid\_id='"+user\_email+"';")

return HttpResponseRedirect('/products')

else:

# print('enterd else')

return HttpResponseRedirect('/oauth/login/google-oauth2/?next=/add\_to\_cart/product/'+id)

# end of add\_to\_cart

# start of cart page with products from db

def cartpage(request):

cart\_items = []

if request.user.is\_authenticated:

user\_email = request.user.email

# products = product.objects.get(id=id)

cursor = connection.cursor()

# p\_id = str(products.id)

# query = "select \* from cart where bid\_id='"+user\_email+"' and pid\_id="+p\_id

query = "select \* from buyer where b\_email='"+user\_email+"';"

user = len(list(buyer.objects.raw(query)))

cursor = connection.cursor()

if(user == 0):

cursor.execute("insert into buyer values('" + user\_email+"','"+request.user.username+"','null')")

# cursor.execute( "select pid\_id,quantity, price from cart where bid\_id='"+user\_email+"';")

total = 0

cursor = cart.objects.filter(bid = request.user.email)

for row in cursor:

print(row)

# products=product.objects.get(id=row[0])

l={

'id':row.pid.id,

'title':row.pid.title,

# 'quantity': row[1],

'price':row.pid.price,

}

total += row.pid.price

cart\_items.append(l)

print(total)

print(len(cart\_items))

context= {

'cart\_items':cart\_items,

'total':total

}

if(len(cart\_items)==0):

return render(request, 'cart.html')

else:

return render(request, 'cartpage.html',context)

else:

if(len(cart\_items)==0):

return render(request, 'cart.html')

return render(request, 'cart.html')

# end of cart page

# start of remove cart function

def remove\_cart(request, id):

user\_email = request.user.email

cursor = connection.cursor()

cursor.execute("delete from cart where bid\_id='" + user\_email+"' and pid\_id="+str(id)+";")

response = redirect('/cartpage')

return response

# end of remove cart function

# start of adding address

def add\_address(request):

if request.user.is\_authenticated:

user\_email = request.user.email #address is been created in db

print(request.POST)

address1 = address(

bid=buyer.objects.get(b\_email=user\_email),

phno=request.POST['phone'],

name=request.POST['name'],

address=request.POST['address'],

)

address1.save()

buyer1 = buyer(

b\_phno=request.POST['phone'],

b\_name=request.POST['name'],

)

buyer1.save()

items = cart.objects.raw("select \* from cart where bid\_id='"+request.user.email+"'") #orders are created in db

cursor=connection.cursor()

# if(len(list(address.objects.raw("select \* from address where bid\_id='"+request.user.email+"'")))):

# details = address.objects.raw("select id from address where bid\_id='"+request.user.email+"'")

details = address1

# cursor.execute("select id from address where bid\_id='"+request.user.email+"'")

# for d in details:

# id1=d.id

for i in items:

order1 = orders(

bid= i.bid,

pid = i.pid,

sid = i.sid,

price = i.price,

address = details

)

order1.save()

# cursor.execute("insert into orders(bid\_id,pid\_id,sid\_id,price,address\_id) values(''"+i.bid\_id+"',"+

# str(i.pid\_id)+","+str(i.sid\_id)+","+str(i.price)+", "+str(details.id)+") ")

# cursor.execute("insert into address values('" + user\_email+"','"+request.user.username+"','null')")

return redirect('/buyer\_tq')

# end of adding address

**In SQL**

1. **Insert record for buyers**

Insert values into buyer( 01, ‘xyz@gmail.com’, ‘Xyz’, 1111111111 );

Insert values into buyer( 02, ‘uvw@gmail.com’, ‘Uvw’, 2222222222 );

**2. Creating table for sellers**

Insert values into sellers( 01, ‘aaa@gmail.com’, ‘Aaa’, ‘Sample Address 1’, 9999999999 );

Insert values into sellers( 01, ‘bbb@gmail.com’, ‘bbb’, ‘Sample Address 2’, 8888888888 );

***3.* Creating table for products**

Insert values into products( 1, 03, ‘abc’, 100.00, ‘Sample Description 1’, ‘Sample product 1’ );

Insert values into products( 2, 04, ‘bcd’, 200.00, ‘Sample Description 2’ ‘Sample product 2’ );

***4.* Creating table for Address**

Insert values into address( 1, 02, ‘aab’, ‘Sample address 1’, 7676767676 );

Insert values into address( 2, 04, ‘bbc’, ‘Sample address 2’, 8787878787 );

***5.* Creating table for Cart**

Insert values into cart( 1, 02, 3, 04, 100.0, ‘aba’);

Insert values into cart( 2, 05, 2, 03, 200.0, ‘bcb’);

***6.* Creating table for Orders**

Insert values into orders( 01, 02, 3, 04, ‘Sample address 1’, ‘pqr’ );

Insert values into borders( 02, 05, 2, 03, ‘Sample address 2’ ‘stu’ );

**4.6 CREATION OF TRIGGERS**

create trigger my\_trigger

AFTER INSERT

ON orders

FOR EACH ROW

CALL empty\_cart(NEW.bid\_id);

**4.7 CREATION OF STORED PROCEDURES**

create procedure empty\_cart(bid varchar(100))

delete from cart where bid\_id=bid;

**CHAPTER 5**

**FRONT END DESIGN**

**5.1 CONNECTIVITY TO DATABASE**

DATABASES = {

'default': {

# 'NAME': os.path.join(BASE\_DIR, 'db.sqlite3'),

'ENGINE': 'mysql.connector.django',

'NAME': 'mydb',

'USER': 'root',

'PASSWORD': 'amrutha@2020',

'HOST': 'localhost', # Or an IP Address that your DB is hosted on

'PORT': '3306',

'OPTIONS': {

'autocommit': True,

},

}

}

**5.2 FRONT END CODE**

Systems design is the process of defining the architecture, components, modules, interfaces, and data for a system to satisfy specified requirements. Systems design could see it as the application of systems theory to product development. There is some overlap with the disciplines of systems analysis, systems architecture and systems engineering. If the broader topic of product development "blends the perspective of marketing, design, and manufacturing into a single approach to product development," then design is the act of taking the marketing information and creating the design of the product to be manufactured. Systems

design is therefore the process of defining and developing systems to satisfy specified requirements of the user.

Until the 1990s systems design had a crucial and respected role in the data processing industry. In the 1990s standardization of hardware and software resulted in the ability to build

modular systems. The increasing importance of software running on generic platforms has enhanced the discipline of software engineering.

Object-oriented analysis and design methods are becoming the most widely used methods for computer systems design.[citation needed] The UML has become the standard language in object-oriented analysis and design.[citation needed] It is widely used for modeling software systems and is increasingly used for high designing non-software systems and organizations.[citation needed]

System design is one of the most important phases of software development process. The purpose of the design is to plan the solution of a problem specified by the requirement documentation. In other words the first step in the solution to the problem is the design of the project.

**Header.html**

{% load static %}

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <title>Shoppy</title>

     <link href="https://fonts.googleapis.com/css2?family=Merienda&display=swap" rel="stylesheet">

      <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;700&display=swap" rel="stylesheet">

  <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css" rel="stylesheet">

      <link href="https://cdnjs.cloudflare.com/ajax/libs/animate.css/3.7.2/animate.min.css" rel="stylesheet">

      <link rel="stylesheet" href="{% static 'css/header.css' %}">

</head>

<body>

      <div class="nav\_1">

      <div class="container-fluid">

            <nav>

                  <input type="checkbox" id="nav" class="hidden">

                  <label for="nav" class="nav-btn">

                        <i></i>

                        <i></i>

                        <i></i>

                  </label>

                  <div class="logo">

                        <a href="/">SHOPPY</a>

                  </div>

                  <div class="nav-wrapper">

                        <ul>

                              <li><a href="/products">Products</a></li>

                              <li><a href="/my\_orders">My Orders</a></li>

                              <li><a href="/cartpage">Cart</a></li>

                              <li>

                                    {% if user.is\_authenticated %}

                                    <a href="/logout">Logout</a>

                                    {% else %}

                                    <a href="{% url 'social:begin' 'google-oauth2'  %}">Login</a>

                                    {% endif %}

                              </li>

   </ul>

                  </div>

            </nav>

      </div>

      </div>

    </body>

</html>

**Header.css**

/\* HEADER \*/

nav {

    padding: 8px;

}

.logo {

    float: left;

    padding: 8px;

    margin-left: auto;

    margin-top: 8px;

}

.logo a {

    color: #233c53;

    text-transform: uppercase;

    font-weight: 700;

    font-size: 30px;

    letter-spacing: 0px;

    text-decoration: none;

    font-family: "Times New Roman", Times, serif;

}

.logo a:hover{

    background: #e6d816 ;

 background: -moz-linear-gradient(45deg, #e6d816   0%, #f14fb3 25%, #f14fb3 50%, #e6d816 75%, #e6d816 100%);

    background: -webkit-linear-gradient(45deg, #e6d816   0%,#f14fb3 25%,#e6d816 50%,#000080 75%,#e6d816 100%);

    background: linear-gradient(45deg, #e6d816   0%,#e6d816 25%,#f14fb3 50%,#f14fb3 75%,#f14fb3 100%);

    filter: progid:DXImageTransform.Microsoft.gradient( startColorstr='#f09433', endColorstr='#bc1888',GradientType=1 );

    color:transparent;

    -webkit-background-clip: text;

    background-clip: text;

    -webkit-background-clip: text;

    background-clip: text;

    cursor: pointer;

}

nav ul {

    float: right;

}

nav ul li {

    display: inline-block;

    float: left;

}

nav ul li:not(:first-child) {

    margin-left: 20px;

}

nav ul li:last-child {

    margin-right: -10px;

}

nav ul li a {

display: inline-block;

    outline: none;

    color: #233c53;

    text-transform: uppercase;

    text-decoration: none;

    font-size: 18px;

    letter-spacing: 1.2px;

    font-weight: 600;

    font-family: Arial, Helvetica, sans-serif;

}

nav ul li a:hover{

    background: #e6d816 ;

    background: -moz-linear-gradient(45deg, #e6d816   0%, #f14fb3 25%, #f14fb3 50%, #e6d816 75%, #e6d816 100%);

    background: -webkit-linear-gradient(45deg, #e6d816   0%,#f14fb3 25%,#e6d816 50%,#000080 75%,#e6d816 100%);

    background: linear-gradient(45deg, #e6d816   0%,#e6d816 25%,#f14fb3 50%,#f14fb3 75%,#f14fb3 100%);

    filter: progid:DXImageTransform.Microsoft.gradient( startColorstr='#f09433', endColorstr='#bc1888',GradientType=1 );

    color:transparent;

    -webkit-background-clip: text;

    background-clip: text;

    -webkit-background-clip: text;

    background-clip: text;

    cursor: pointer;

}

@media screen and (max-width: 864px) {

    .logo {

          padding: 0;

    }

    .nav-wrapper {

position: fixed;

          top: 0;

          left: 0;

          width: 100%;

          height: 100%;

          z-index: -1;

          background: #fff;

          opacity: 0;

          transition: all 0.2s ease;

    }

    .nav-wrapper ul {

          position: absolute;

          top: 50%;

          transform: translateY(-50%);

          width: 100%;

    }

    .nav-wrapper ul li {

          display: block;

          float: none;

          width: 100%;

          text-align: right;

          margin-bottom: 10px;

    }

    .nav-wrapper ul li:nth-child(1) a {

          transition-delay: 0.2s;

    }

    .nav-wrapper ul li:nth-child(2) a {

          transition-delay: 0.3s;

    }

    .nav-wrapper ul li:nth-child(3) a {

          transition-delay: 0.4s;

    }

    .nav-wrapper ul li:nth-child(4) a {

          transition-delay: 0.5s;

    }

    .nav-wrapper ul li:not(:first-child) {

          margin-left: 0;

    }

    .nav-wrapper ul li a {

          padding: 10px 24px;

          opacity: 0;

          color: #233c53;

          font-size: 14px;

          font-weight: 600;

          letter-spacing: 1.2px;

          transform: translateX(-20px);

          transition: all 0.2s ease;

    }

    .nav-btn {

          position: fixed;

          right: 10px;

          top: 10px;

          display: block;

          width: 48px;

          height: 48px;

          cursor: pointer;

          z-index: 9999;

          border-radius: 50%;

 }

    .nav-btn i {

          display: block;

          width: 20px;

          height: 2px;

          background: #000;

          border-radius: 2px;

          margin-left: -18px;

    }

    .nav-btn i:nth-child(1) {

          margin-top: 16px;

    }

    .nav-btn i:nth-child(2) {

          margin-top: 4px;

          opacity: 1;

    }

    .nav-btn i:nth-child(3) {

          margin-top: 4px;

    }

}

#nav:checked + .nav-btn {

    transform: rotate(45deg);

}

#nav:checked + .nav-btn i {

    background: #000;

    transition: transform 0.2s ease;

}

#nav:checked + .nav-btn i:nth-child(1) {

    transform: translateY(6px) rotate(180deg);

}

#nav:checked + .nav-btn i:nth-child(2) {

    opacity: 0;

}

#nav:checked + .nav-btn i:nth-child(3) {

    transform: translateY(-6px) rotate(90deg);

}

#nav:checked ~ .nav-wrapper {

    z-index: 9990;

    opacity: 1;

}

#nav:checked ~ .nav-wrapper ul li a {

    opacity: 1;

    transform: translateX(0);

}

.hidden {

    display: none;

}

/\* END HEADER \*/

***Cartpage.html***

<!DOCTYPE html>

<html>

<head>

<meta name="description" content="This is the description">

<script src="https://code.jquery.com/jquery-3.3.1.min.js"

integrity="sha384-tsQFqpEReu7ZLhBV2VZlAu7zcOV+rXbYlF2cqB8txI/8aZajjp4Bqd+V6D5IgvKT"

crossorigin="anonymous"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>

<script src="https://use.fontawesome.com/releases/v5.0.8/js/all.js"></script>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" />

<link href="https://maxcdn.bootstrapcdn.com/font-awesome/4.7.0/css/font-awesome.min.css" rel="stylesheet"

integrity="sha384-wvfXpqpZZVQGK6TAh5PVlGOfQNHSoD2xbE+QkPxCAFlNEevoEH3Sl0sibVcOQVnN" crossorigin="anonymous" />

<link rel="stylesheet" href="/static/css/cartpage.css" />

</head>

<body>

{% include "header.html" %}

<div class="cartpage-1">

<h2> Your Cart Items</h2>

<table>

<tr>

<th>Product</th>

<th>Price</th>

<th></th>

</tr>

{% for i in cart\_items %}

<tr>

<th>{{i.title}}</th>

<th>{{i.price}}</th>

<th class="text-left">

<a href="/remove\_cart/{{i.id}}">

<button class="btn btn-sm btn-danger">

<i class="fa fa-trash"></i>

</button>

</a>

</th>

</tr>

{% endfor %}

<tr>

<th>Total</th>

<th>{{total}}</th>

</tr>

</table>

<a href="/address\_form"> <button class="cartpage-btn" >Add Address</button> </a>

</div>

</body>

</html>

***Cartpage.css***

.cartpage-1 h2{

font-size: 45px;

color:#233c53;

margin-top:3%;

text-align: center;

}

table {

font-family: arial, sans-serif;

border-collapse: collapse;

width: 100%;

}

td, th {

border: 1px solid #dddddd;

text-align: left;

padding: 8px;

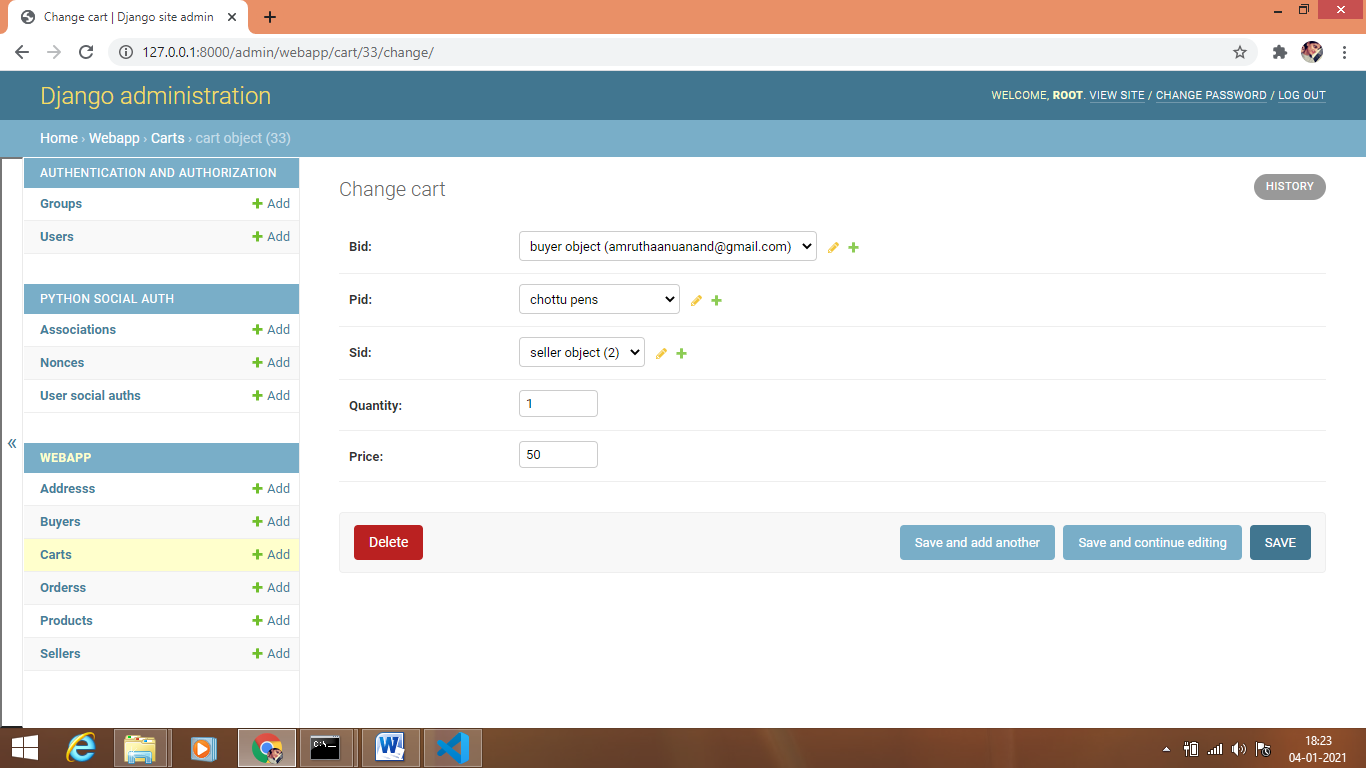
font-size: 20px;

}

tr:nth-child(even) {

background-color: #dddddd;

}

****

**Fig 4: Cart Table**

**Home.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <title>Shoppy</title>

 <link href="https://fonts.googleapis.com/css2?family=Merienda&display=swap" rel="stylesheet">

<link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;700&display=swap" rel="stylesheet">

    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css" rel="stylesheet">

    <link href="https://cdnjs.cloudflare.com/ajax/libs/animate.css/3.7.2/animate.min.css" rel="stylesheet">

      <link rel="stylesheet" href="/static/css/home.css">

</head>

<body>

    {% include "header.html" %}

    <div class="carousel slide" data-ride="carousel" id="carouselExampleIndicators">

        <ol class="carousel-indicators">

            <li class="active" data-slide-to="0" data-target="#carouselExampleIndicators"></li>

            <li data-slide-to="1" data-target="#carouselExampleIndicators"></li>

            <li data-slide-to="2" data-target="#carouselExampleIndicators"></li>

        </ol>

        <div class="carousel-inner">

            <div class="carousel-item active">

                <img alt="First slide" class="d-block w-100" src="https://s1.1zoom.me/big0/352/School\_Wood\_planks\_Pencils\_Ballpoint\_pen\_568984\_1280x853.jpg">

                <div class="carousel-caption d-none d-md-block">

                    <h5 class="animated bounceInRight" style="animation-delay: 1s">Welcome to shoppy</h5>

                    <p class="animated bounceInLeft" style="animation-delay: 2s">You can always find something you want.</p>

                    <p class="animated bounceInRight" style="animation-delay: 3s">Shop now</p>

                </div>

            </div>

<div class="carousel-item">

               <img alt="Second slide" class="d-block w-100" src="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcTkF50mFEfRmH1rGPnACJwoQn36RB1irF9Nhw&usqp=CAU">

                <div class="carousel-caption d-none d-md-block">

                    <h5 class="animated slideInDown" style="animation-delay: 1s">Shop Things you like</h5>

                    <p class="animated fadeInUp" style="animation-delay: 2s">You can always find something you want.</p>

                    <p class="animated zoomIn" style="animation-delay: 3s">Order now</p>

                </div>

            </div>

            <div class="carousel-item">

  <img alt="Third slide" class="d-block w-100" src="https://www.joulietta.com/wp-content/uploads/2014/06/cart-page.jpg">

                <div class="carousel-caption d-none d-md-block">

                    <h5 class="animated zoomIn" style="animation-delay: 1s">Shop what you want!!!</h5>

                    <p class="animated fadeInLeft" style="animation-delay: 2s">You can always find something you want.</p>

                    <p class="animated zoomIn" style="animation-delay: 3s">Buy now</p>

                </div>

            </div>

        </div><a class="carousel-control-prev" data-slide="prev" href="#carouselExampleIndicators" role="button"><span aria-hidden="true" class="carousel-control-prev-icon"></span> <span class="sr-only">Previous</span></a> <a class="carousel-control-next" data-slide="next" href="#carouselExampleIndicators" role="button"><span aria-hidden="true" class="carousel-control-next-icon"></span> <span class="sr-only">Next</span></a>

    </div>

<script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.3/umd/popper.min.js"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js"></script>

    {% include "footer.html" %}

</body>

</html>

**Home.css**

/\* CAROUSEL \*/

.carousel-item {

    height: 89vh;

    min-height: 300px;

}

.carousel-caption {

    bottom: 220px;

}

.carousel-caption h5 {

    font-size: 45px;

    text-transform: uppercase;

    letter-spacing: 2px;

    font-family: merienda;

    float: right;

}

.carousel-caption p {

    width: 60%;

    margin-top: 5px;

    font-size: 18px;

  line-height: 1.9;

    font-family: poppins;

float: right;

}

.carousel-caption a {

    text-transform: uppercase;

    background-color: #c0cc17; /\* For browsers that do not support gradients \*/

    background-image: linear-gradient(to top right, #e6d816  12%, #f14fb3);

     color: #fff;

    padding: 10px 30px;

    display: inline-block;

    cursor: pointer;

    outline: none;

    text-align: center;

}

.carousel-caption a:hover{

    background: #ffd658;

 filter: progid:DXImageTransform.Microsoft.gradient( startColorstr='#f09433', endColorstr='#bc1888',GradientType=1 );

    color:transparent;

    -webkit-background-clip: text;

    background-clip: text;

    -webkit-background-clip: text;

    background-clip: text;

    cursor: pointer;

  }

.navbar-nav a {

    font-family: poppins;

    font-size: 18px;

    text-transform: uppercase;

  font-weight: bold;

}

.navbar-light .navbar-brand {

 color: #fff;

    font-size: 25px;

    text-transform: uppercase;

    font-weight: bold;

    letter-spacing: 2px;

}

.navbar-light .navbar-nav .active>.nav-link, .navbar-light .navbar-nav .nav-link.active, .navbar-light .navbar-nav .nav-link.show, .navbar-light .navbar-nav .show>.nav-link {

    color: #fff;

}

.navbar-light .navbar-nav .nav-link {

    color: #fff;

}

.navbar-nav {

    text-align: center;

}

.nav-link {

    padding: .2rem 1rem;

}

.nav-link.active, .nav-link:focus {

    color: #fff;

}

.navbar-toggler {

    padding: 1px 5px;

    font-size: 18px;

    line-height: 0.3;

    background: #fff;

}

.navbar-light .navbar-nav .nav-link:focus, .navbar-light .navbar-nav .nav-link:hover {

    color: #fff;

}

.w-100 {

    height: 100vh;

}

@media only screen and (max-width: 767px) {

    .navbar-nav.ml-auto {

        background: rgba(0, 0, 0, 0.5);

    }

    .navbar-nav a {

        font-size: 14px;

        font-weight: normal;

    }

}

/\* CAROUSEL \*/

**Receipt.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <title>Receipt</title>

     <link href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.0/css/bootstrap.min.css" rel="stylesheet">

    <link href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.0/js/bootstrap.min.js" rel="stylesheet">

    <link href="https://use.fontawesome.com/releases/v5.8.1/css/all.css" rel="stylesheet">

 <link href="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.2.1/jquery.min.js" rel="stylesheet">

      <link rel="stylesheet" href="/static/css/receipt.css">

</head>

<body>

 {% include "header.html" %}

<div class="container">

    <div class="page-header">

        <h1>Shopping Receipt </h1>

    </div>

    <div class="container">

        <div class="row">

            {% for i in items %}

            <div class="col-md-6 col-md-offset-3 body-main">

                <div class="col-md-12">

                    <div class="row">

                        <div class="col-md-4"> <img class="img" alt="Invoce Template" src="https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcSK3fl4GMu98cj63scAm9yYPFWvbaPBoaMxCw&usqp=CAU" /> </div>

                        <div class="col-md-8 text-right">

                            <h4 style="color: #233c53;"><strong>{{i.address.name}}</strong></h4>

                            <p>{{i.address.address}}</p>

                            <p>{{i.address.phno}}</p>

                        </div>

                    </div> <br />

                    <div class="row">

                        <div class="col-md-12 text-center">

                            <h2><strong>Shoppy</strong></h2><br>

                            <h5>Here is your bill!</h5>

                        </div>

                    </div> <br />

  <div>

                        <table class="table">

                            <thead>

                                <tr>

                                    <th>

                                        <h5>Product</h5>

                                    </th>

                                    <th>

                                        <h5>Amount</h5>

                                    </th>

                                </tr>

                            </thead>

                            <tbody>

                                <tr>

                                    <td class="col-md-9">{{i.pid.title}}</td>

                                    <td class="col-md-3"><i class="fas fa-rupee-sign" area-hidden="true"></i> {{i.pid.price}} </td>

                                </tr>

                                <tr style="color:  #233c53;">

                                    <td class="text-right">

                                        <h4><strong>Total:</strong></h4>

                                    </td>

                                    <td class="text-left">

                                        <h4><strong><i class="fas fa-rupee-sign" area-hidden="true"></i> {{i.price}} </strong></h4>

                                    </td>

                                </tr>

                            </tbody>

                        </table>

</div>

                    <div>

                        <div class="col-md-12">

                            <p><b>Date :</b>{{i.created\_at}}</p> <br />

                            <p><b>Signature:</b>Shoppyyyyy/-</p>

                        </div>

                    </div>

                </div>

            </div>

            {% endfor %}

        </div>

    </div>

    <!-- <button class="receipt\_btn">Confirm</button> -->

</div>

</body>

</html>

**Receipt.css**

.body-main {

    background: #ffffff;

    border-bottom: 15px solid #1E1F23;

    border-top: 15px solid #1E1F23;

    margin-top: 3px;

    margin-bottom: 30px;

    padding: 40px 30px !important;

    position: relative;

    box-shadow: 0 1px 21px #808080;

    font-size: 10px

}

.main thead {

    background: #1E1F23;

    color: #fff

}

.img {

    height: 100px

}

h1 {

    text-align: center

}

.receipt\_btn{

    width: 25%;

     padding: 8px 10px;

    font-size: 20px;

    border: 0px;

background-color: #c0cc17; /\* For browsers that do not support gradients \*/

   background-image: linear-gradient(to top right, #e6d816  12%, #f14fb3);

    color: #fff;

    cursor: pointer;

    border-radius: 0px;

    outline: none;

    margin-bottom: 2%;

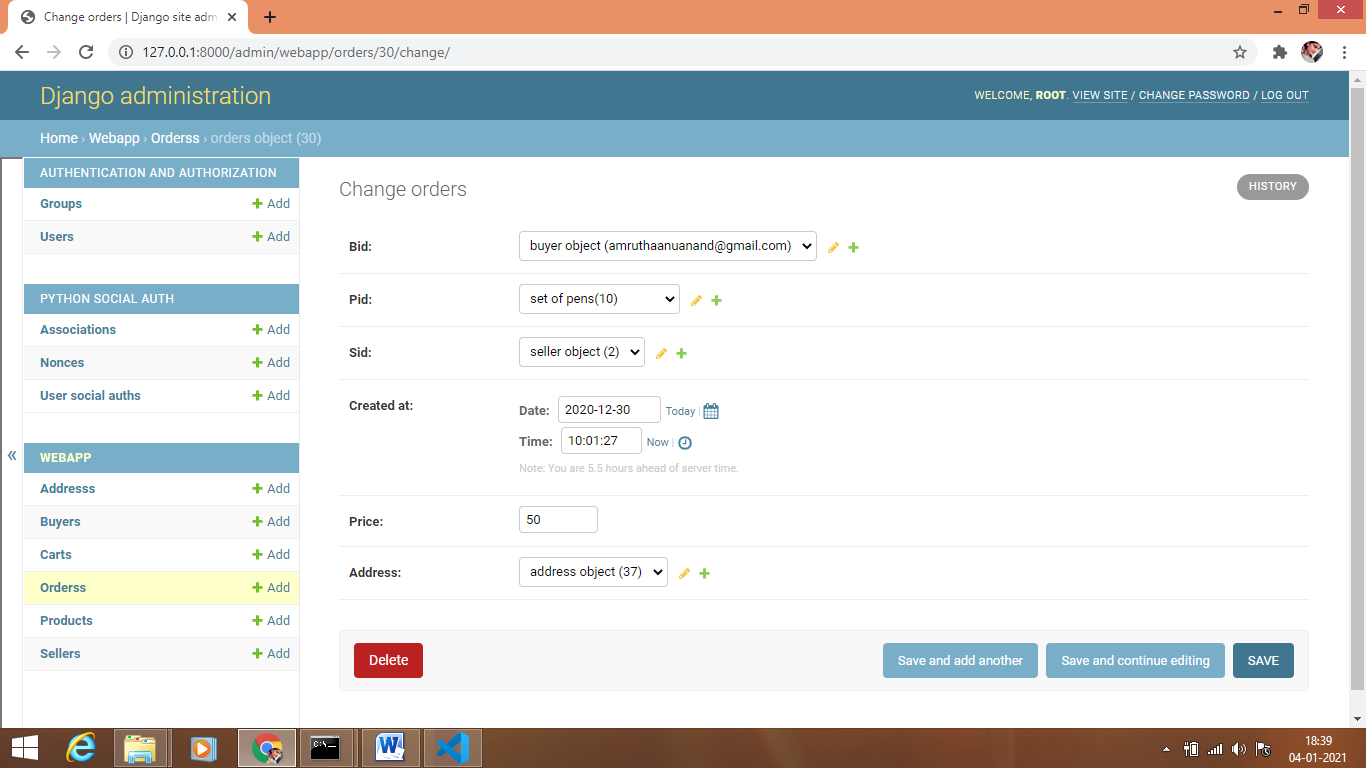
    margin-left: 40%;

  }

  .receipt\_btn:hover{

    background: #ffd658;

  }

****

**Fig 5: Orders Table**

**Footer.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <title>Shoppy</title>

     <link href="https://fonts.googleapis.com/css2?family=Merienda&display=swap" rel="stylesheet">

<link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;700&display=swap" rel="stylesheet">

    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css" rel="stylesheet">

    <link href="https://cdnjs.cloudflare.com/ajax/libs/animate.css/3.7.2/animate.min.css" rel="stylesheet">

      <link rel="stylesheet" href="/static/css/footer.css">

</head>

<body>

    <footer class="panel-footer">

        <div class="container">

          <div class="row">

            <section id="hours" class="col-sm-4">

              <span>About Us</span><br>

              Shoppy<br>

              We have quality products. <br>

              <hr class="visible-xs">

            </section>

            <section id="address" class="col-sm-4">

              <span>Contact</span><br>

              Number : 9876543210<br>

              Email : Shoppy@gmail.com

              <hr class="visible-xs">

            </section>

            <section id="testimonials" class="col-sm-4">

              <p>"The thing about shopping is that you never know exactly what you are going to find. A shopping experience can be filled with joyous surprises or unexpected pitfalls.

              No matter how hard you try, you cannot plan every detail of a shopping trip, and you never know exactly how it will end up.!"</p>

            </section>

        </div>

        <div class="text-center">&copy; Copyright Shoppy 2020</div>

        </div>

      </footer>

      </body>

</html>

**Footer.css**

/\* FOOTER \*/

.panel-footer {

    margin-top: 0px;

    padding-top: 35px;

    padding-bottom: 30px;

    background-color: #233c53;

    border-top: 0;

  }

  .panel-footer div.row {

    margin-bottom: 35px;

  }

  #hours, #address {

    line-height: 2;

    color: gray;

    font-family: sans-serif;

  }

  #hours > span, #address > span {

    font-size: 1.3em;

  }

  #hours span{

      font-size:30px;

      font-family: serif;

      color: #fff;

  }

  #address span{

font-size:30px;

      font-family: serif;

      color:#fff;

  }

  #address p {

    color: #e6d816;

    font-size: .8em;

    line-height: 1.8;

  }

  #testimonials {

    font-style: italic;

  }

  #testimonials p:nth-child(2) {

    margin-top: 25px;

  }

  .text-center{

    color: #fff;

    font-family: serif;

    font-size: 20px;

  }

  #testimonials{

    color: gray;

    font-family: sans-serif;

    font-size: 15px;

    margin-top: 20px;

  }

  /\* END FOOTER \*/

**Address\_form.html**

<!DOCTYPE html>

<html lang="en">

<head>

 <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Registration Form</title>

  <link rel="stylesheet" href="/static/css/address\_form.css">

</head>

<body>

  {% include "header.html" %}

  <div class="wrapper">

    <div class="content">

      <h1> ADD YOUR ADDRESS</h1>

    </div>

    <form method="POST"

          class="needs-validation"

          novalidate

          action="/add\_address/"

          enctype="multipart/form-data">

          {% csrf\_token %}

          <div class="top-form">

            <div class="inner-form">

              <div class="label">name</div>

              <input

                required

                name="name"

                class="form-control"

                id="name"

                placeholder="name"/>

              </div>

            <div class="inner-form">

              <div class="label">phone</div>

              <input

                required

                name="phone"

                class="form-control"

                id="phone"

                placeholder="phone"/>

              </div>

            </div>

            <div class="middle-form">

              <div class="inner-form">

                <div class="label" >Address</div>

                <input

                required

                name="address"

                class="form-control"

                id="address"

                placeholder="address"/>

              </div>

            </div>

            <button class="address\_form-btn"

                    type="submit">

            Checkout

            </button>

            <script>

              $(document).on("change", ".custom-file-input", function (event) {

                $(this)

                  .next(".custom-file-label")

                  .html(event.target.files[0].name);

              });

              // Example starter JavaScript for disabling form submissions if there are invalid fields

              (function () {

                "use strict";

                window.addEventListener(

                  "load",

                  function () {

                    // Fetch all the forms we want to apply custom Bootstrap validation styles to

                    var forms = document.getElementsByClassName(

                      "needs-validation"

                    );

                    // Loop over them and prevent submission

                    var validation = Array.prototype.filter.call(forms, function (

                      form

                    ) {

                      form.addEventListener(

                        "submit",

                        function (event) {

                          if (form.checkValidity() === false) {

                            event.preventDefault();

                            event.stopPropagation();

                            $(form).find(".form-control:invalid").focus();

                          }

                          form.classList.add("was-validated");

                        },

                        false

                      );

                    });

                  },

                  false

                );

              })();

            </script>

            </div>

          </div>

      </form>

    </body>

</html>

**Address\_form.css**

@import url("https://fonts.googleapis.com/css?family=Kavivanar");

\* {

  margin: 0;

  padding: 0;

  user-select: none;

}

body {

  background: rgb(177, 175, 175);

}

.wrapper {

  margin: 0px auto 0;

  width: 100%;

  max-width: 680px;

  padding: 20px;

  box-sizing: border-box;

}

/\* content \*/

.content {

  text-align: center;

}

.content h1 {

  letter-spacing: 1px;

}

/\* form \*/

.form {

width: 100%;

  margin: 25px 0;

}

.top-form,

.middle-form,

.bottom-form {

  width: 100%;

  min-height: 65px;

  margin: 10px 0;

}

.form input[type="text"],

.form textarea {

  border: 2px solid #fff;

  padding: 10px 5px;

  outline: none;

  border-radius: 2px;

  width: 100%;

  transition: all 0.2s ease;

}

.form input:focus,

.form textarea:focus {

  border-color: #4ca1af;

  outline: none;

  box-shadow: inset 0 1px 1px rgba(0, 0, 0, 0.0125),

    0 0 8px rgba(76, 161, 175, 0.5);

}

.form .label {

  margin-bottom: 5px;

  text-transform: capitalize;

}

/\* top-contact \*/

.top-form .inner-form {

  width: 29.9%;

  float: left;

  margin-right: 5%;

}

.top-form .inner-form:last-child {

  margin-right: 0;

}

/\* middle-form \*/

.middle-form {

  clear: both;

}

/\* bottom-form \*/

.bottom-form textarea {

  height: 80px;

}

.btn{

  width: 30%;

   padding: 8px 10px;

  font-size: 20px;

  border: 0px;

  background-color: #c0cc17; /\* For browsers that do not support gradients \*/

 background-image: linear-gradient(to top right, #e6d816  12%, #f14fb3);

  color: #fff;

  cursor: pointer;

  border-radius: 0px;

  outline: none;

  margin-bottom: 2%;

}

.btn:hover{

  background: #ffd658;

}

::-webkit-input-placeholder {

  /\* Chrome/Opera/Safari \*/

  font-family: "Kavivanar", cursive;

}

::-moz-placeholder {

  /\* Firefox 19+ \*/

  font-family: "Kavivanar", cursive;

}

:-ms-input-placeholder {

  /\* IE 10+ \*/

  font-family: "Kavivanar", cursive;

}

@media screen and (max-width: 460px) {

  .top-form .inner-form {

    width: 100%;

    margin: 5px 0;

  }

  .top-form,

  .middle-form,

  .bottom-form {

    margin: 5px 0;

  }

  .form {

    margin-top: 10px;

  }

}

.address\_form-btn{

  width: 15%;

  padding: 8px 10px;

 font-size: 20px;

 border: 0px;

 background-color: #c0cc17; /\* For browsers that do not support gradients \*/

background-image: linear-gradient(to top right, #e6d816  12%, #f14fb3);

 color: #fff;

 cursor: pointer;

 border-radius: 0px;

 outline: none;

 margin-bottom: 2%;

 margin-left: 40%;

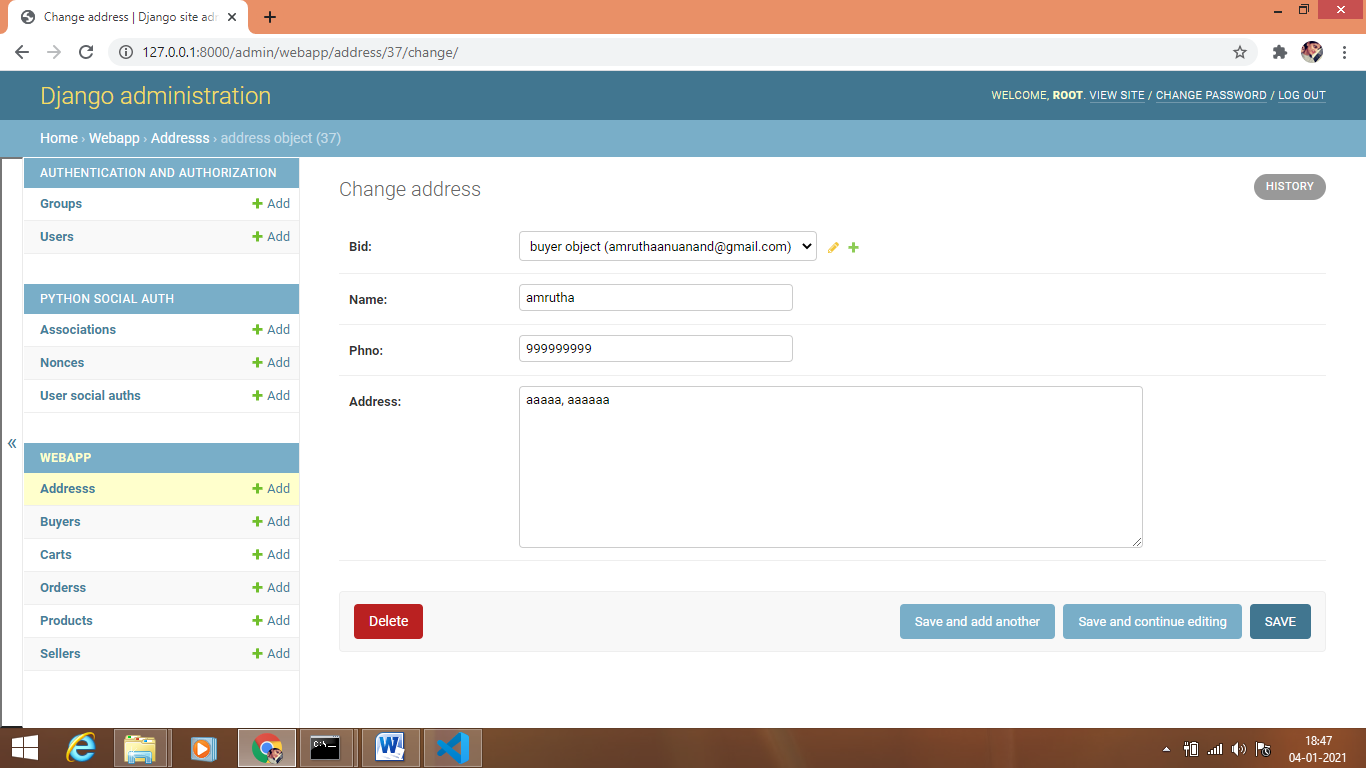
 margin-top: 5%;

}

.address\_form-btn:hover{

  background: #ffd658;

}

****

**Fig 6: Address Table**

**Buyer\_tq.html**

<html lang="en">

<head>

  <meta charset="utf-8" />

  <meta http-equiv="X-UA-Compatible" content="IE=edge,chrome=1" />

  <meta name="viewport" content="width=device-width, initial-scale=1">

  <title></title>

  <link href='https://fonts.googleapis.com/css?family=Lato:300,400|Montserrat:700' rel='stylesheet' type='text/css'>

    <link rel="stylesheet" href="https://2-22-4-dot-lead-pages.appspot.com/static/lp918/min/default\_thank\_you.css">

    <link rel="stylesheet" href="/static/css/buyer\_tq.css">

  <script src="https://2-22-4-dot-lead-pages.appspot.com/static/lp918/min/jquery-1.9.1.min.js"></script>

  <script src="https://2-22-4-dot-lead-pages.appspot.com/static/lp918/min/html5shiv.js"></script>

</head>

<body>

    <div class="jumbotron text-center">

        <h1 class="display-3">Thank You!</h1>

 <p class="lead"><strong>Your order is Placed</strong> for further updates and trackage check your whatsapp </p>

        <p class="lead">

          <a class="btn btn-primary btn-sm" href="/products" role="button" style="color: blue;">Continue to Shopping with Shoppy</a>

        </p>

      </div>

</body>

</html>

**Buyer\_tq.css**

.display-3{

    margin-top:10%;

}

**Cart.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <title>Shoppy</title>

     <link href="https://fonts.googleapis.com/css2?family=Merienda&display=swap" rel="stylesheet">

    <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;700&display=swap" rel="stylesheet">

    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css" rel="stylesheet">

    <link href="https://cdnjs.cloudflare.com/ajax/libs/animate.css/3.7.2/animate.min.css" rel="stylesheet">

<link rel="stylesheet" href="/static/css/cart.css">

</head>

<body>

    {% include "header.html" %}

     <div class="cart">

      <div class="cart\_1">

        <div class="cart\_2">

            <img src="data:image/jpeg;base64,





mB7xWAJAAQ4oDB0UBhK2QHlKzQHnKxA85WHmAwdgBi7FgYuyYEdpsCO02A7TYDtNgO02BPaTAlWTAyViwMlYAekbDzAekbED0jZoD0jbJAZqkkBmogSAAAAAAAAAAAAACMAMARgBgBgBgCcAMASAAAAAAAAAAAP/2Q==" width="" height="">

        </div>

        <div class="cart\_3">

            <h2 class="cart\_h2">You are cart is empty</h2>

            <center><p>Lets start shopping! By logging in!</p></center>

            <!-- <a href="./product.html"><button class="cart\_btn">Shop Now</button></a> -->

        </div>

      </div>

     </div>

    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.3/umd/popper.min.js"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js"></script>

    {% include "footer.html" %}

</body>

</html>

**Cart.css**

.cart{

    background-color: rgb(133, 131, 131);

    margin-left:20%;

    margin-right: 20%;

    height: 550px;

    align-items: center;

    margin-top: 2%;

    margin-bottom:2%;

    border-radius: 2%;

    padding-top:2%;

}

.cart\_1{

    position: relative;

    width: 50%;

    height: 475px;

    background-color: white;

    box-shadow: -15px 0 35px rgba(8, 6, 6, 0.1);

    transition: .10s;

    margin-left:26%;

    border-radius: 5%;

}

.cart\_btn{

    width: 30%;

    padding: 10px 10px;

   font-size: 20px;

   margin-left: 35%;

   border: 0px;

   background-color: #c0cc17; /\* For browsers that do not support gradients \*/

  background-image: linear-gradient(to top right, #e6d816  12%, #f14fb3);

   color: #fff;

   cursor: pointer;

   border-radius: 20px;

   outline: none;

   text-align: center;

}

.cart\_btn:hover{

    background: #ffd658;

  }

.cart\_h2{

    text-align: center;

}

.cart\_h1{

    color: black;

    font-size: 40px;

    margin-left: 45%;

    margin-bottom: 1%;

}

.cart\_3 p{

    font-size: 20px;

    color:rgb(14, 12, 12);

    margin-left: 6%;

}

.cart\_2 img{

    margin-left:25%;

    margin-top: 10%;

}

**Product.html**

<!DOCTYPE html>

<html>

    <head>

        <meta charset="utf-8">

        <meta http-equiv="X-UA-Compatible" content="IE=edge">

        <title></title>

        {% load static %}

        <meta name="viewport" content="width=device-width, initial-scale=1">

        <link rel="stylesheet" href="/static/css/product.css">

        <!-- font awesome -->

        <script src="https://kit.fontawesome.com/dbed6b6114.js" crossorigin="anonymous"></script>

    </head>

    <body>

        {% include "header.html" %}

        <br>

<div class = "products">

            <div class = "container">

                <div class = "product-items">

                    {% for p in products %}

                    <!-- single product -->

                    <div class = "product">

                        <div class = "product-content">

                            <div class = "product-img">

                                <img src = "{{p.image.url}}" alt = "product image">

                            </div>

                            <div class = "product-btns">

                                <button type = "button" class = "btn-cart"> <a href="/add\_to\_cart{{p.getabsoluteurl}}">add to cart</a>

                                    <span><i class = "fas fa-plus"></i></span>

                                </button>

                            </div>

                        </div>

                        <div class = "product-info">

                            <p>{{p.title}}</p>

                            <p>{{p.description}}</p>

                            <p>Rs.{{p.price}}</p>

                        </div>

                    </div>

                    <!-- end of single product -->

                    {% endfor %}

                </div>

            </div>

        </div>

    </div>

</div>

</div>

</div>

</div>

</body>

</html>

**Product.css**

@import url('https://fonts.googleapis.com/css2?family=Quicksand:wght@300;400;500;600;700&family=Roboto:wght@300;400;500;700;900&display=swap');

:root{

    --white-light: rgba(255, 255, 255, 0.5);

    --alice-blue: #f8f9fa;

    --carribean-green: #40c9a2;

    --gray: #ededed;

}

\*{

    padding: 0;

    margin: 0;

    box-sizing: border-box;

}

body{

    font-family: 'Quicksand', sans-serif;

}

/\* Utility stylings \*/

img{

    width: 100%;

    display: block;

}

.container{

    width: 88vw;

    margin: 0 auto;

}

.lg-title,

.md-title,

.sm-title{

    font-family: 'Roboto', sans-serif;

    padding: 0.6rem 0;

    text-transform: capitalize;

}

.lg-title{

    font-size: 2.5rem;

    font-weight: 500;

    text-align: center;

    padding: 1.3rem 0;

    opacity: 0.9;

}

.md-title{

    font-size: 2rem;

    font-family: 'Roboto', sans-serif;

}

.sm-title{

    font-weight: 300;

    font-size: 1rem;

    text-transform: uppercase;

}

.text-light{

    font-size: 1rem;

    font-weight: 600;

    line-height: 1.5;

    opacity: 0.5;

    margin: 0.4rem 0;

}

/\* product section \*/

.products{

    background: var(--alice-blue);

    padding: 3.2rem 0;

}

.products .text-light{

    text-align: center;

    width: 70%;

    margin: 0.9rem auto;

}

.product{

    margin: 2rem;

    position: relative;

}

.product\_h1{

    color: black;

    font-size: 40px;

    margin-left: 40%;

    margin-bottom: 3%;

}

.product-content{

    background: var(--gray);

    padding: 3rem 0.5rem 2rem 0.5rem;

    cursor: pointer;

}

.product-img{

    background: var(--white-light);

    box-shadow: 0 0 20px 10px var(--white-light);

    width: 200px;

    height: 200px;

    margin: 0 auto;

    border-radius: 50%;

    transition: background 0.5s ease;

}

.product-btns{

    display: flex;

    justify-content: center;

    margin-top: 1.4rem;

    opacity: 0;

    transition: opacity 0.6s ease;

}

.btn-cart, .btn-buy{

    background: transparent;

    border: 1px solid black;

    padding: 0.8rem 0;

    width: 125px;

    font-family: inherit;

    text-transform: uppercase;

    cursor: pointer;

    border: none;

    transition: all 0.6s ease;

}

.btn-cart{

    background: black;

    color: white;

}

.btn-cart:hover{

    background: var(--carribean-green);

}

.btn-buy{

    background: white;

}

.btn-buy:hover{

    background: var(--carribean-green);

    color: #fff;

}

.product-info{

    background: white;

    padding: 2rem;

}

.product-info-top{

    display: flex;

    justify-content: space-between;

    align-items: center;

}

.rating span{

    color: var(--carribean-green);

}

.product-name{

    color: black;

    display: block;

    text-decoration: none;

    font-size: 1rem;

    text-transform: uppercase;

    font-weight: bold;

}

.product-price{

    padding-top: 0.6rem;

    padding-right: 0.6rem;

    display: inline-block;

}

.product-price:first-of-type{

    text-decoration: line-through;

    color: var(--carribean-green);

}

.product-img img{

    transition: transform 0.6s ease;

}

.product:hover .product-img img{

    transform: scale(1.1);

}

.product:hover .product-img{

    background: var(--carribean-green);

}

.product:hover .product-btns{

    opacity: 1;

}

.off-info .sm-title{

    background: var(--carribean-green);

    color: white;

    display: inline-block;

    padding: 0.5rem;

    position: absolute;

    top: 0;

    left: 0;

    writing-mode: vertical-lr;

    transform: rotate(180deg);

    z-index: 1;

    letter-spacing: 3px;

    cursor: pointer;

}

/\* product collection \*/

.product-collection{

    padding: 3.2rem 0;

}

.product-collection-wrapper{

    padding: 3.2rem 0;

}

.product-col-left{

    background: linear-gradient(rgba(0, 0, 0, 0), rgba(0, 0, 0, 0.3)), url("images/fashion-img-1.jpg") center/cover no-repeat;

}

.product-col-r-top{

    background: linear-gradient(rgba(0, 0, 0, 0), rgba(0, 0, 0, 0.3)), url("images/fashion-img-2.png") center/cover no-repeat;

}

.flex{

    display: flex;

    justify-content: center;

    align-items: flex-end;

    height: 50vh;

    padding: 2rem 1.5rem 3.2rem;

    margin: 5px;

}

.product-col-r-bottom > div:first-child{

    background: #eaa001;

}

.product-col-r-bottom > div:last-child{

    background: #0090ff;

}

.product-col-content{

    text-align: center;

    color: white;

}

.product-collection .text-light{

    opacity: 1;

    font-size: 0.8;

    font-weight: 400;

    line-height: 1.7;

}

.btn-dark{

    background: black;

    color: white;

    outline: 0;

    border-radius: 25px;

    padding: 0.7rem 1rem;

    border: 0;

    margin-top: 1rem;

    cursor: pointer;

    transition: all 0.6s ease;

    font-size: 1rem;

    font-family: inherit;

}

.btn-dark:hover{

    background: var(--carribean-green);

}

/\* Media Queries \*/

@media screen and (min-width: 992px){

    .product-items{

        display: grid;

        grid-template-columns: repeat(2, 1fr);

    }

    .product-col-r-bottom{

        display: grid;

        grid-template-columns: repeat(2, 1fr);

    }

}

@media screen and (min-width: 1200px){

    .product-items{

        grid-template-columns: repeat(3, 1fr);

    }

    .product{

        margin-right: 1rem;

        margin-left: 1rem;

    }

    .products .text-light{

        width: 50%;

    }

}

@media screen and (min-width: 1336px){

    .product-items{

        grid-template-columns: repeat(4, 1fr);

    }

    .product-collection-wrapper{

        display: grid;

        grid-template-columns: repeat(2, 1fr);

    }

    .flex{

        height: 60vh;

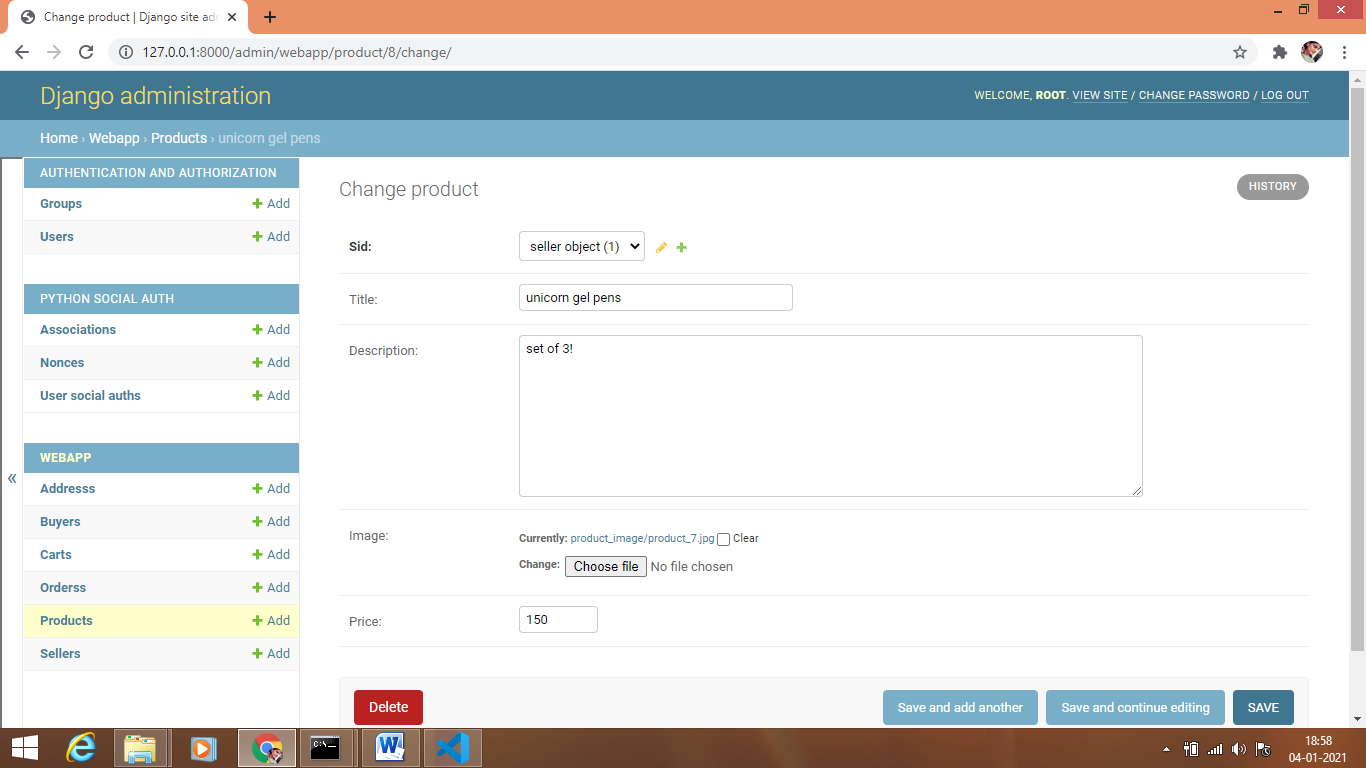
    }

    .product-col-left{

        height: 121.5vh;

    }

}

****

**Fig 7: Product Table**

**Orders.html**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <title>Shoppy</title>

     <link href="https://fonts.googleapis.com/css2?family=Merienda&display=swap" rel="stylesheet">

    <link href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;700&display=swap" rel="stylesheet">

    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/css/bootstrap.min.css" rel="stylesheet">

    <link href="https://cdnjs.cloudflare.com/ajax/libs/animate.css/3.7.2/animate.min.css" rel="stylesheet">

      <link rel="stylesheet" href="/static/css/my\_order.css">

</head>

<body>

    {% include "header.html" %}

     <div class="my\_order">

      <div class="my\_order-1">

        <div class="my\_order-2">

            <img src="https://www.ecobags.in/wp-content/uploads/2019/11/T-shirt-brown-paper-bags-8x4x10.jpg" width="" height="">

        </div>

        <div class="my\_order-3">

            <h2 class="my\_order\_h2">You are not yet order</h2>

            <center><p>Lets start shopping! By logging in!</p></center>

            <!-- <a href="./product.html"><button class="my\_order\_btn">Shop Now</button></a> -->

        </div>

      </div>

      </div>

    <script src="https://code.jquery.com/jquery-3.3.1.slim.min.js"></script>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.14.3/umd/popper.min.js"></script>

    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js"></script>

    {% include "footer.html" %}

</body>

</html>

**My\_order.css**

.my\_order{

    background-color: rgb(133, 131, 131);

    margin-left:20%;

    margin-right: 20%;

    height: 550px;

    align-items: center;

    margin-top: 2%;

    margin-bottom:2%;

    border-radius: 2%;

    padding-top:2%;

}

.my\_order-1{

    position: relative;

    width: 50%;

    height: 475px;

    background-color: white;

    box-shadow: -15px 0 35px rgba(8, 6, 6, 0.1);

    transition: .10s;

    margin-left:26%;

    border-radius: 5%;

}

.my\_order\_btn{

    width: 30%;

    padding: 10px 10px;

   font-size: 20px;

   margin-left: 35%;

   border: 0px;

   background-color: #c0cc17; /\* For browsers that do not support gradients \*/

  background-image: linear-gradient(to top right, #e6d816  12%, #f14fb3);

   color: #fff;

   cursor: pointer;

   border-radius: 20px;

   outline: none;

   text-align: center;

}

.my\_order\_btn:hover{

  background: #ffd658;

  }

.my\_order\_h2{

    text-align: center;

}

.my\_order\_h1{

    color: black;

    font-size: 40px;

    margin-left: 45%;

    margin-bottom: 1%;

}

.my\_order-3 p{

    font-size: 20px;

    color:rgb(14, 12, 12);

    margin-left: 6%;

}

.my\_order-2 img{

    width: 70%;

    height: 2%;

    margin-left:15%;

}

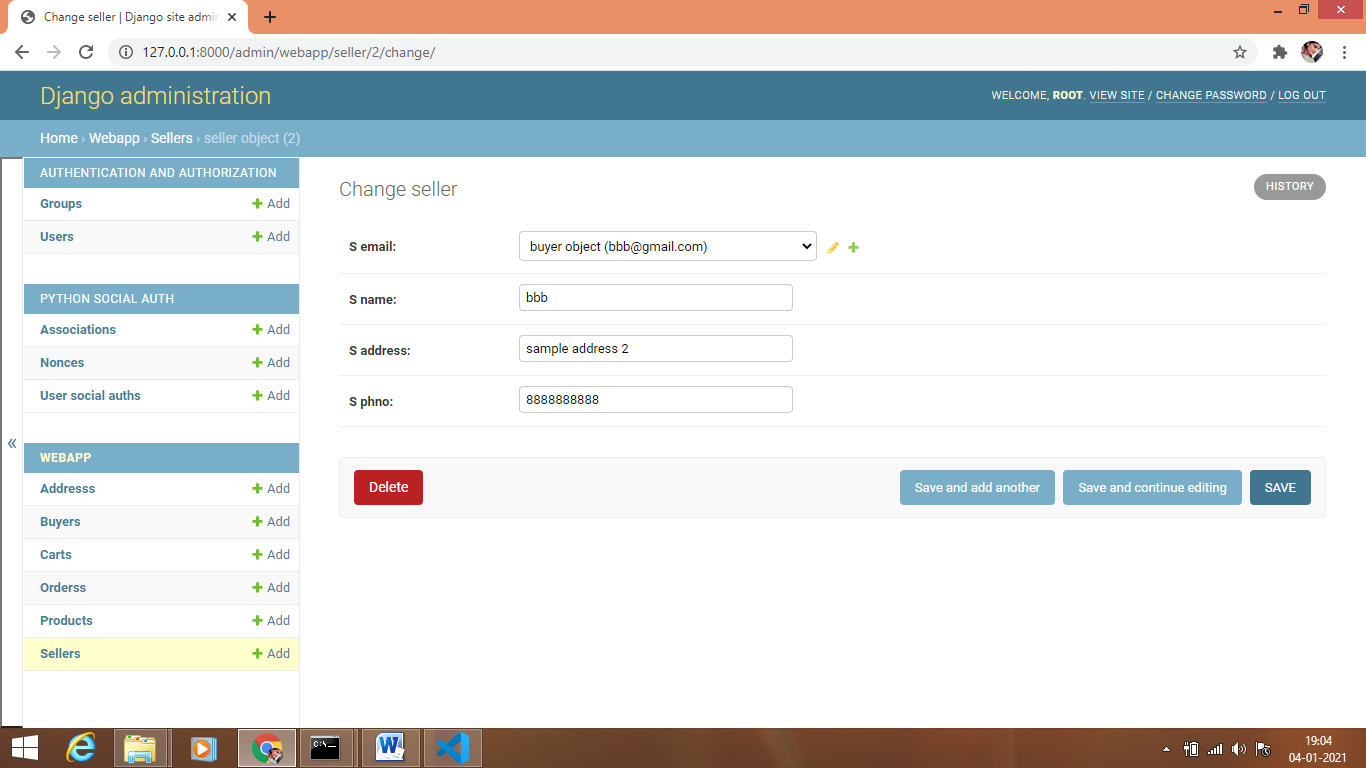
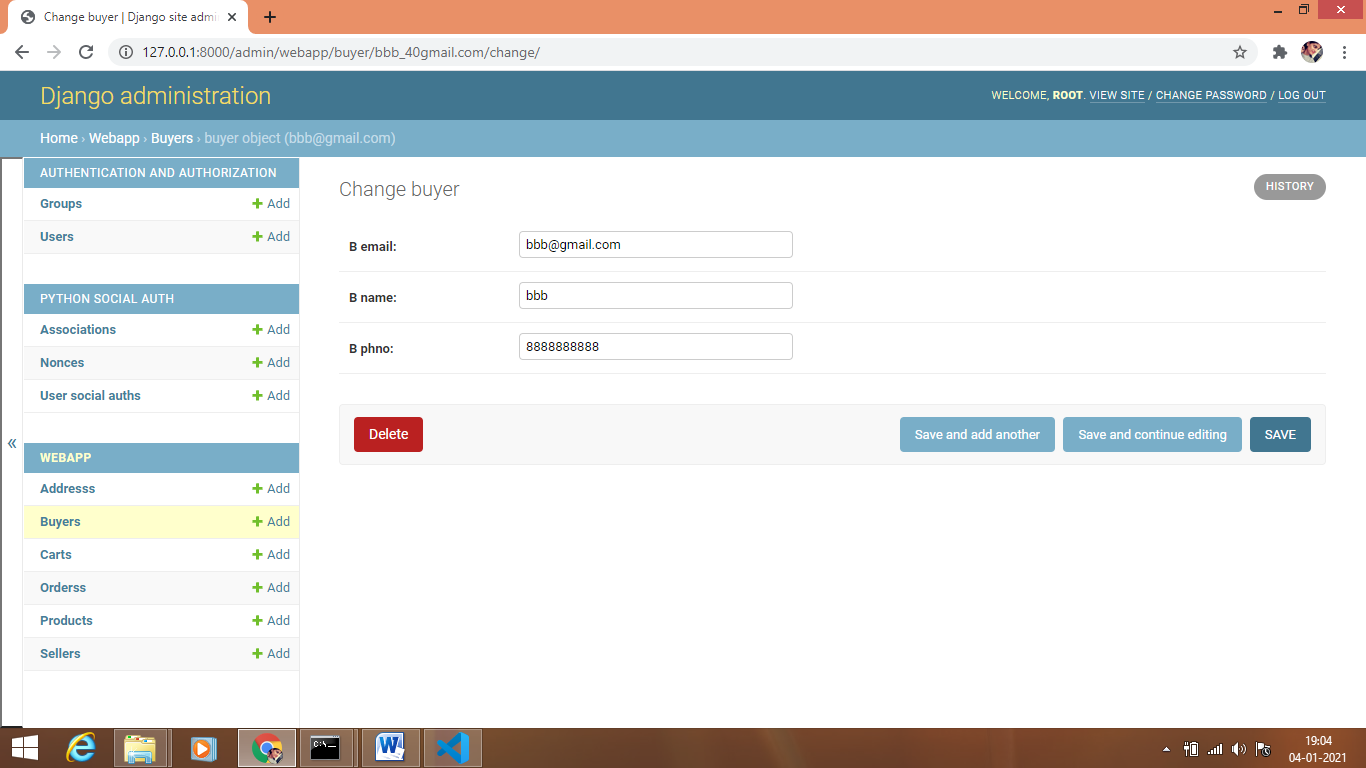


Fig 8: Seller Table

****

**Fig 9: Buyer Table**

**CHAPTER 6**

**TESTING**

This chapter gives the outline of all testing methods that are carried out to get a bug free system. Quality can be achieved by testing the product using different techniques at different phases of the project development. The purpose of testing is to discover errors. Testing is the process of trying to discover every conceivable fault or weakness in a work product. It provides a way to check the functionality of components sub assemblies and/or a finished product. It is the process of exercising software with the intent of ensuring that the Software system meets its requirements and user expectations and does not fail in an unacceptable manner. There are various types of test. Each test type addresses a specific testing requirement.

* 1. **TESTING PROCESS**

Testing is an integral part of software development. Testing process certifies whether the product that is developed compiles with the standards that it was designed to. Testing process involves building of test cases against which the product has to be tested.

* 1. **TESTING OBJECTIVES**

The main objectives of testing process are as follows.

* Testing is a process of executing a program with the intent of finding an error.
* A good test case is one that has high probability of finding undiscovered error.
* A successful test is one that uncovers the undiscovered error.

**6.3 TEST CASES**

The test cases provided here test the most important features of the project.

**6.3.1 Test cases for the project**

**Table 6.1 ------- Test Case for E-Commerce Website**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl No** | **Test Input** | **Expected Results** | **Observed Results** | **Remarks** |
| 1 | Insert a record | New tuple should be inserted | Query OK 1 row inserted or affected | PASS |
| 2 | Delete a record | Delete the record | Query OK 1 row deleted or affected | PASS |
| 3 | Update a record | Update the record | Query OK 1 row updated or affected | PASS |
| 4 | Create a trigger | Trigger created | Query OK trigger created | PASS |
| 5 | Create a stored procedure | Stored procedure created | Query OK stored procedure created | PASS |

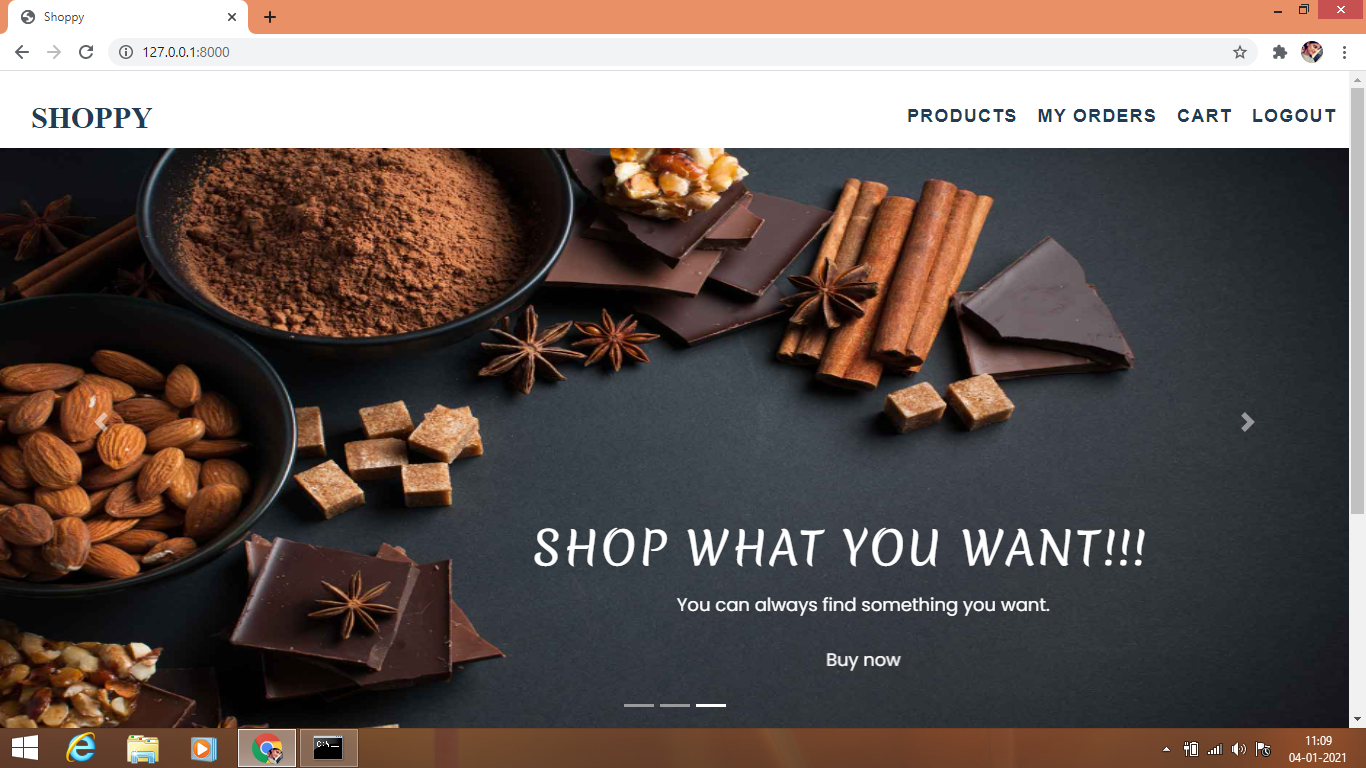
**CHAPTER 7**

**RESULTS**

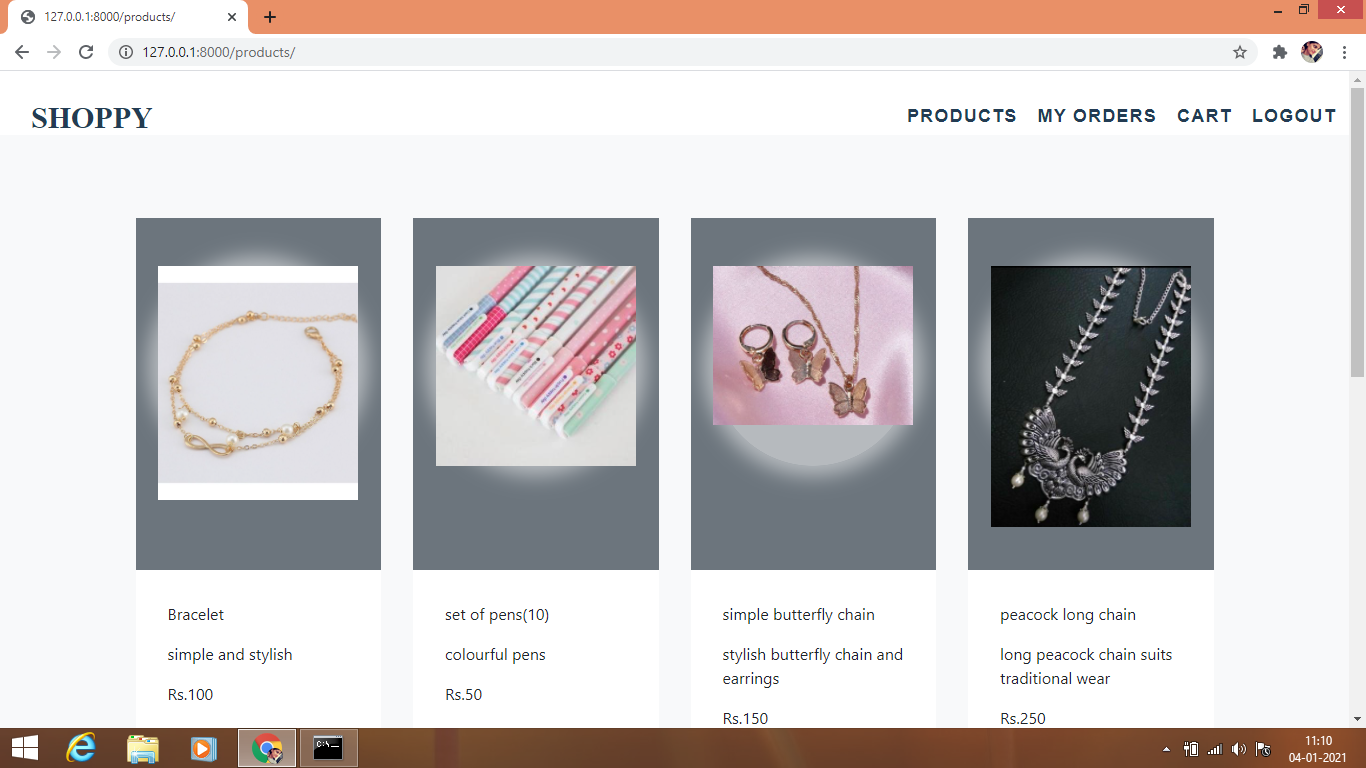
This section describes the screens of the “E-Commerce Website”. The snapshots are shown below for each module.

**7.1 SNAPSHOTS**

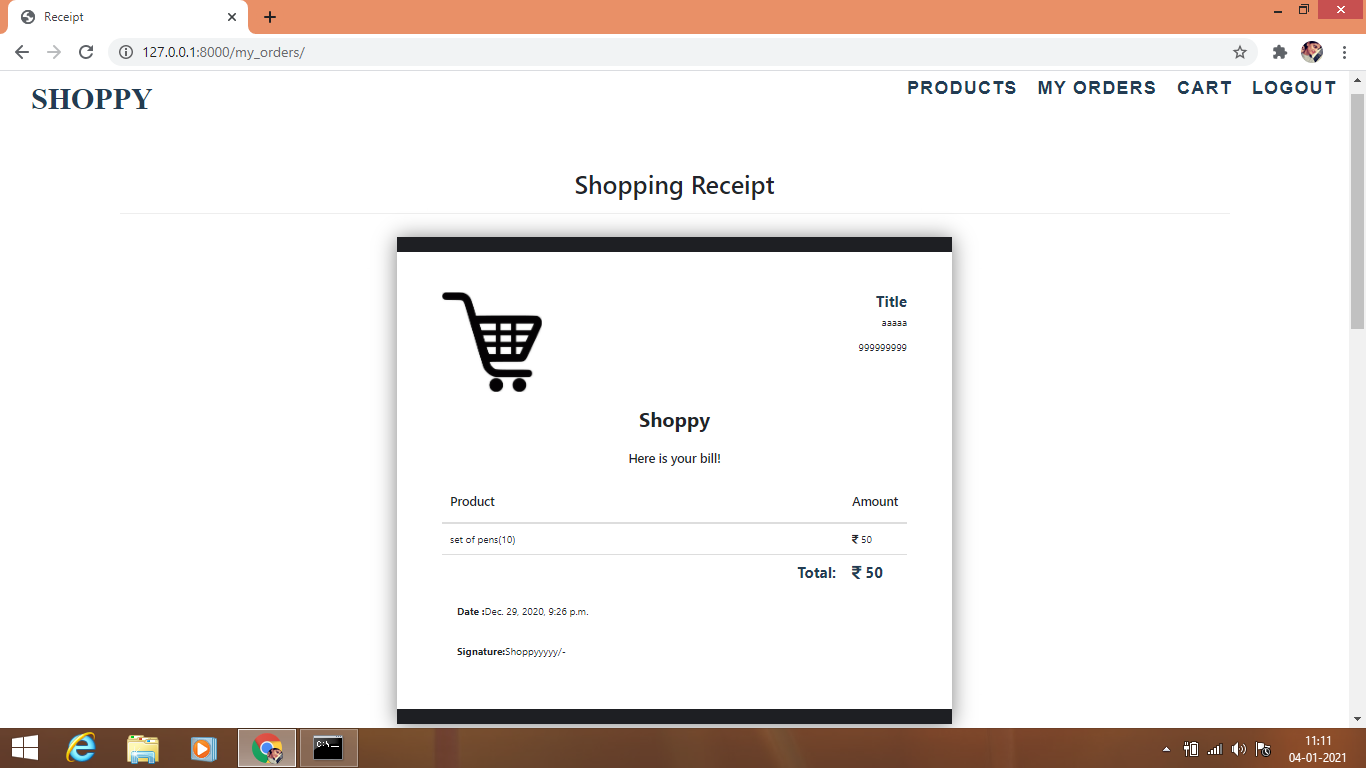
**Snapshot 1 : Front Layout**

****

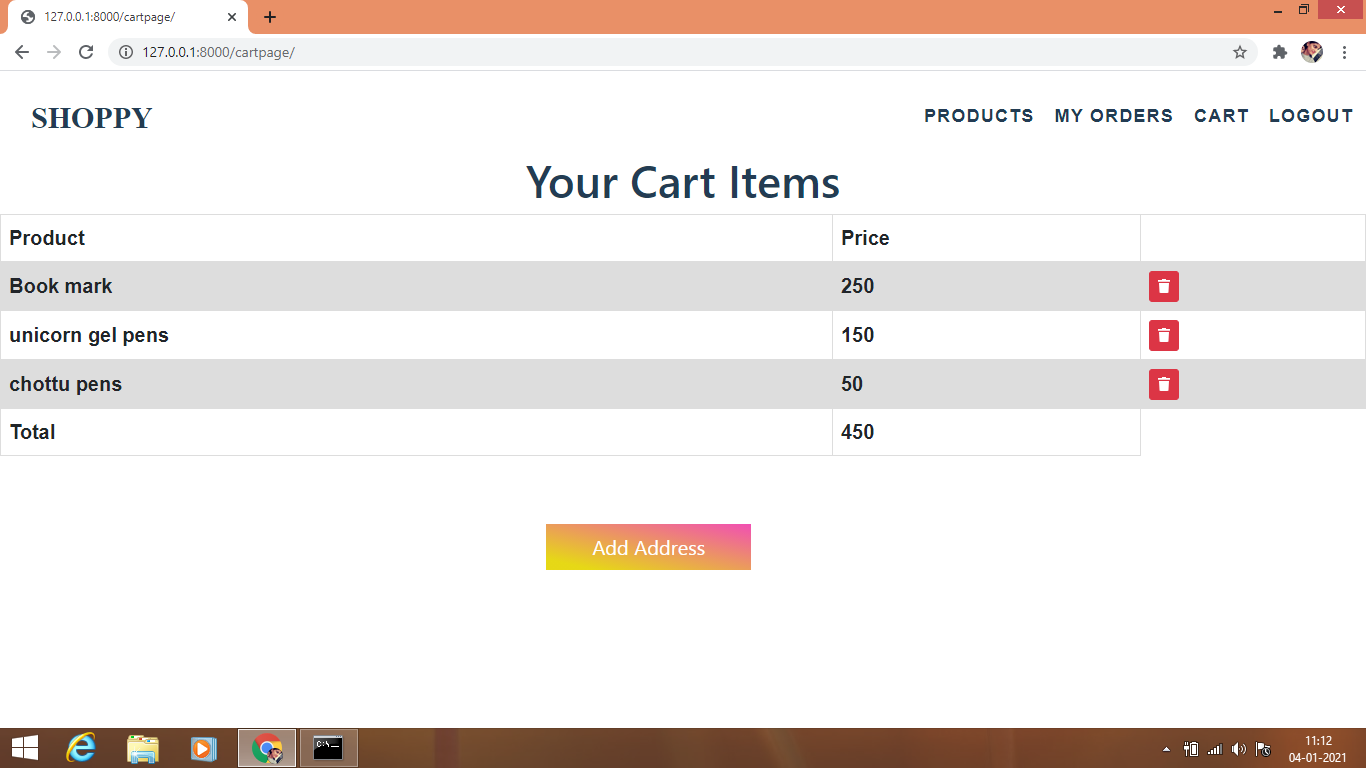
**Snapshot 2 : Product-page Layout**

****

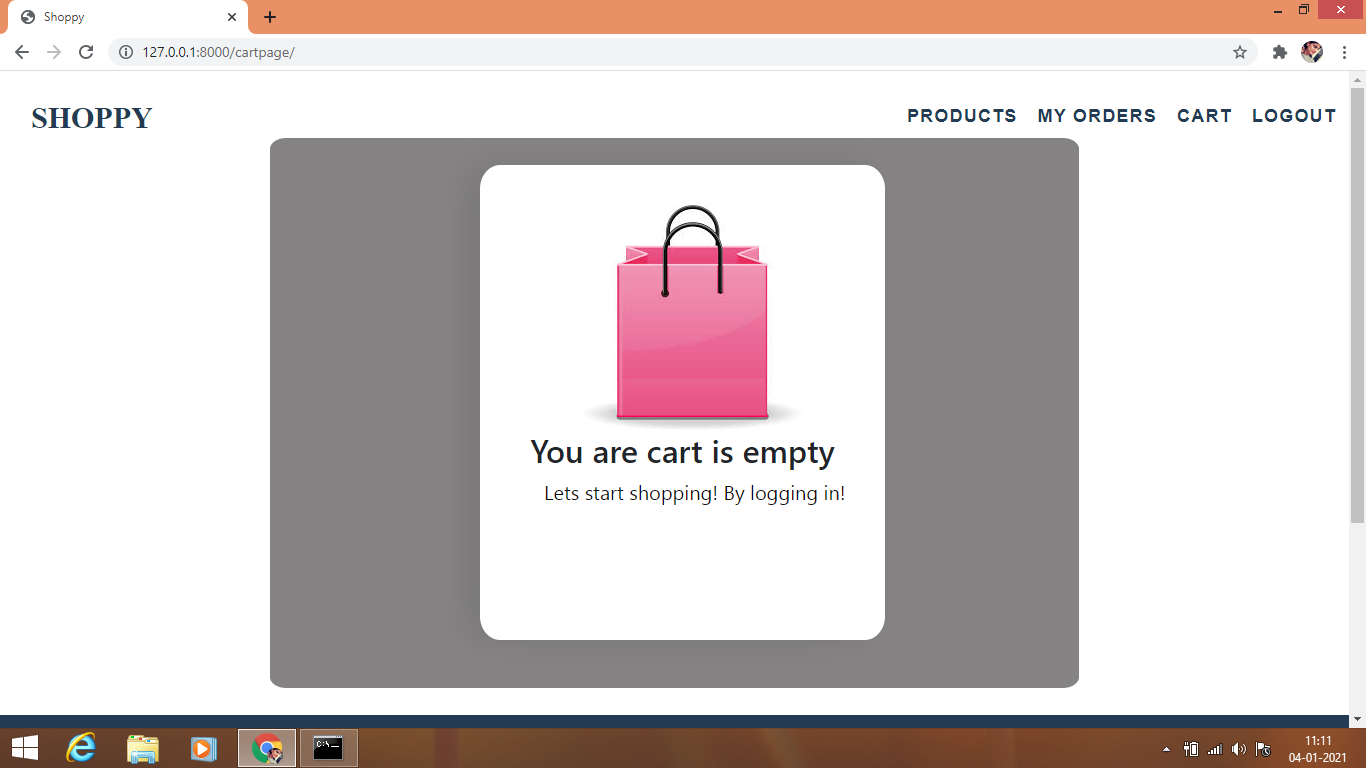
**Snapshot 3 : My-Orders page Layout**

****

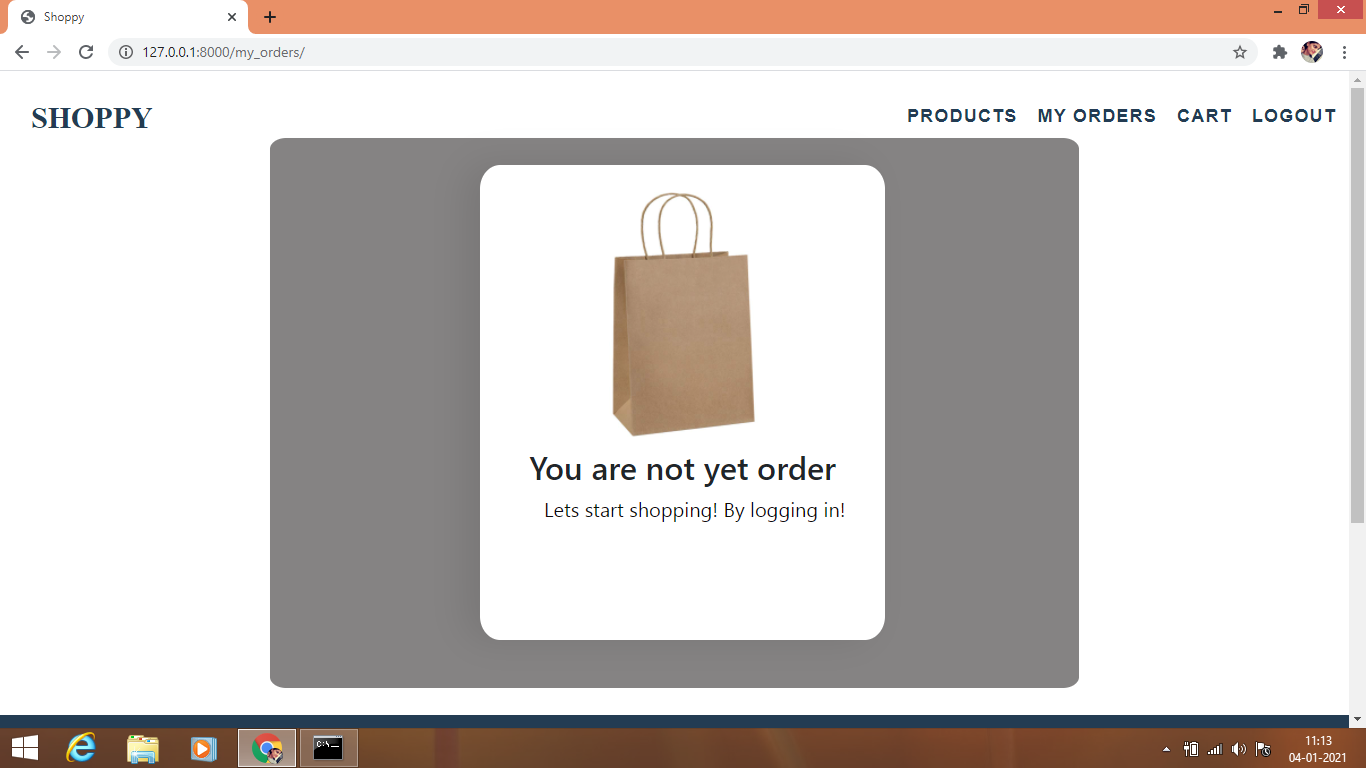
**Snapshot 4 : Cart-Page Layout**

****

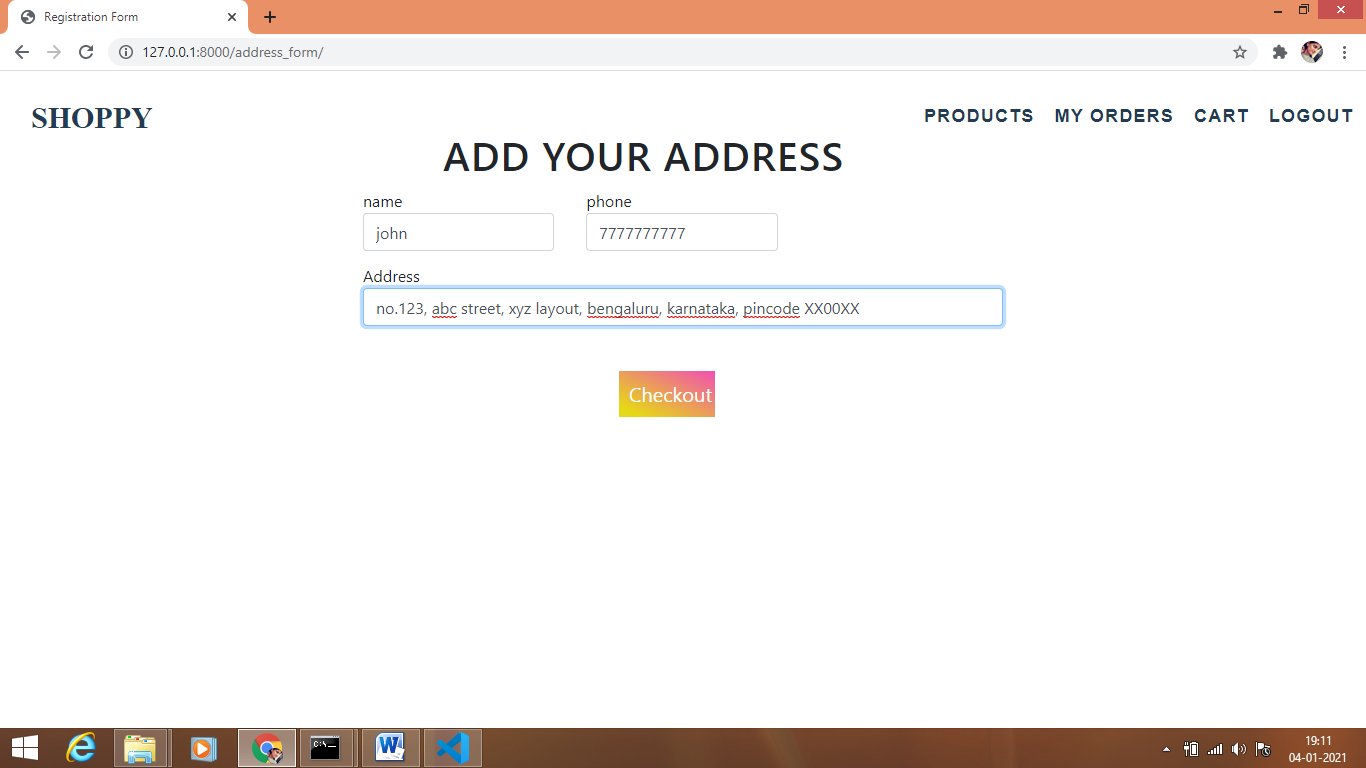
**Snapshot 5 : Empty-Cart Page Layout**

****

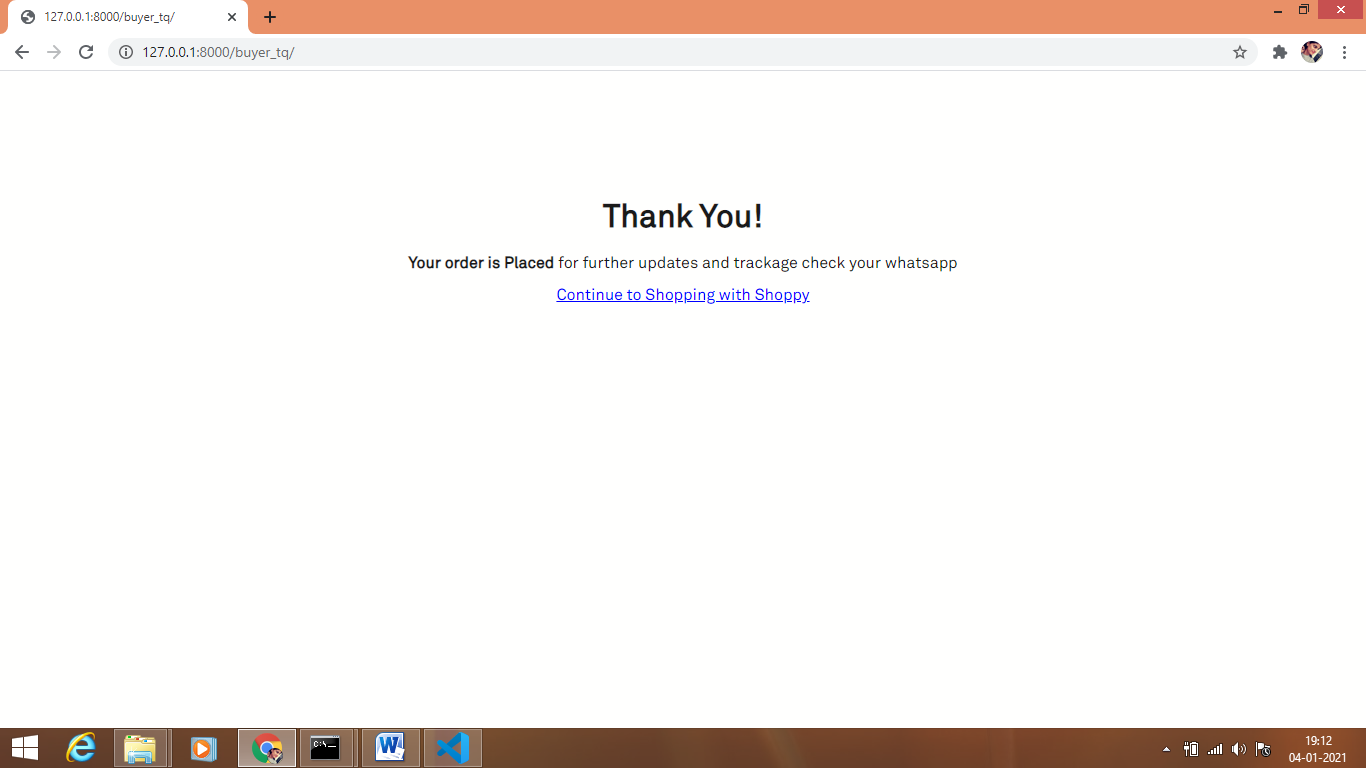
**Snapshot 6 : Empty-Order Page Layout**

****

**Snapshot 7 : Address\_form Page Layout**

****

**Snapshot 8 : Thank you Page Layout**

****

**CONCLUSION**

E-Commerce is not just about conducting business transactions via the Internet. Its impact will be far-reaching, and more prominent then we know currently. This is because the revolution in information technology is happening simultaneously with other developments, especially the globalization of the business. The new age of global e-commerce is creating entirely new economy and that will tremendously change our lives, will reshape the competition in various industries, and alter the economy globally. As companies are gaining high profits, more and more other companies are developing their websites to increase their profits. Since more businesses are being held online resulting in high economy development and emergence of a more innovative and advanced technology.

**REFERENCES**

[1] https://docs.djangoproject.com/en/3.1/

[2] https://dev.mysql.com/doc/

[3] <https://getbootstrap.com/>

[4] <https://docs.python.org/3/>

[5] <https://www.w3schools.com/jsref/dom_obj_document.asp>

[6] https://stackoverflow.com/documentation