

E-Commerce Application

A Project Report
Submitted for the course
ITE1008 Open Source programming
By

Jacob John

16BCE2205

Under the Guidance of

Professor SUREKA S



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Abstract

E-commerce is the activity of buying or selling products on online services or over the Internet. Electronic commerce draws on technologies such as mobile commerce, electronic funds transfer, supply chain management, Internet marketing, online transaction processing, electronic data interchange (EDI), inventory management systems, and automated data collection systems.

Most small stores in India do not have an online presence; requiring customers to visit the store in person to buy any product. This requirement to visit the store hurts it by driving down the profits. With near free hosting services, it takes minimal resources to set up an e-commerce website which allows customers to purchase at the convenience of their home.

This project aims to implement an e-commerce website which enables stores to migrate online. We are making use of PHP and MySQL based dynamically generated webpages to allow purchasing of items. We are going to implement a cart system to allow customers to store their items. We are also going to implement an authentication system, to differentiate between regular and logged in customers, by making use of MySQL database. The users are handled using PHP sessions to allow them to make changes to the cart. These changes are stored as session variables so that the user can come back and restore his previous session.

E-commerce means any transaction over the internet. In online marketing, a shopping cart is a piece of e-commerce software on a web server that allows visitors to an Internet site to select items for eventual purchase, analogous to the American English term “shopping cart.”

The software allows online shopping customers to accumulate a list of items for purchase, described metaphorically as “placing items in the shopping cart” or “add to cart.” Upon checkout, the software typically calculates a total for the order, including shipping and handling (i.e., postage and packing) charges and the associated taxes, as applicable.

Features of the Project:

- User Registration
- User login system
- Change password
- Forgot password
- Profile management system.
- Shopping cart
- Wishlist
- Order History

Software Required (Any-one):

- LAMP Stack
- XAMPP Server
- MAMP Server
- WAMP Server

Features of Admin:

- Functionality to add and delete products
- Display product statistics and stock.
- Query, display and delete all users that signed up on the website.
- Admin can edit his/her own profile's email address and password.
- Logout of the current session.

Features of User:

- Signing up for a user account
- Change e-mail id and password
- Add items to a cart/basket prior to purchasing
- Generating invoice of all items and printing them in pdf form
- Purchasing items and delivering them to a specific address

INTRODUCTION

E-commerce is fast gaining ground as an accepted and used business paradigm. More and more business houses are implementing web sites providing functionality for performing commercial transactions over the web. It is reasonable to say that the process of shopping on the web is becoming commonplace.

The objective of this project is to develop a general-purpose e-commerce store where products can be bought from the comfort of home through the Internet. However, for implementation purposes, this project will deal with online shopping for gadgets.

An e-commerce website is a virtual store on the Internet where customers can browse the catalog and select products of interest. The selected items may be collected in a shopping cart. At checkout time, the items in the shopping cart will be presented as an order. On checking out, more information will be needed to complete the transaction. The customer will be asked to fill or select a billing address or a shipping address. Then an invoice will be generated for the order, which can be downloaded by the user as a .pdf file.

Architecture

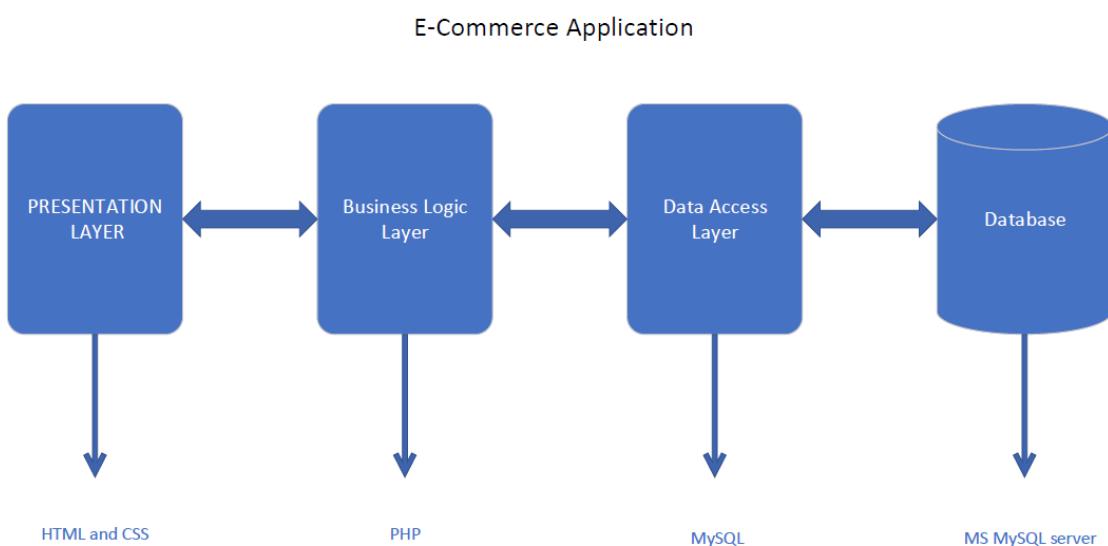
Layered architecture:

The Layered architecture pattern, also known as the n-tier architecture pattern. This pattern is the de facto standard for most applications and therefore is widely known by most architects, designers, and developers. The layered architecture pattern closely matches the traditional IT communication and organizational structures found in most companies, making it a natural choice for most business application development efforts.

This pattern can be used to structure programs that can be decomposed into groups of subtasks, each of which is at a particular level of abstraction. Each layer provides services to the next higher layer.

The architecture comprises of the following three layers:

- **Presentation layer** (also known as **UI layer**)
- **Business logic layer** (also known as **domain layer**)
- **Data access layer** (also known as **persistence layer**)



Functional Requirements:

- **Registration:**

If customer wants to buy the product then he/she must be registered, unregistered user can't go to the shopping cart.

- **Login:**

Customer logs in to the system by entering valid user id and password for the shopping.

- **Changes to Cart:**

Changes to cart means the customer after login or registration can make order or cancel order of the product from the shopping cart.

- **Payment:**

For customer there are many types of secure billing will be prepaid as debit or credit card, post-paid as after shipping, check or bank draft. The security will provide by the third party like Pay-Pal etc.

- **Logout:**

After the payment or surf the product the customer will log out.

- **Report Generation:**

After all transaction the system can generate the portable document file (.pdf) and then send one copy to the customer's Email-address and another one for the system data base to calculate the monthly transaction.

- **Review:**

Storing feedback given by the customer.

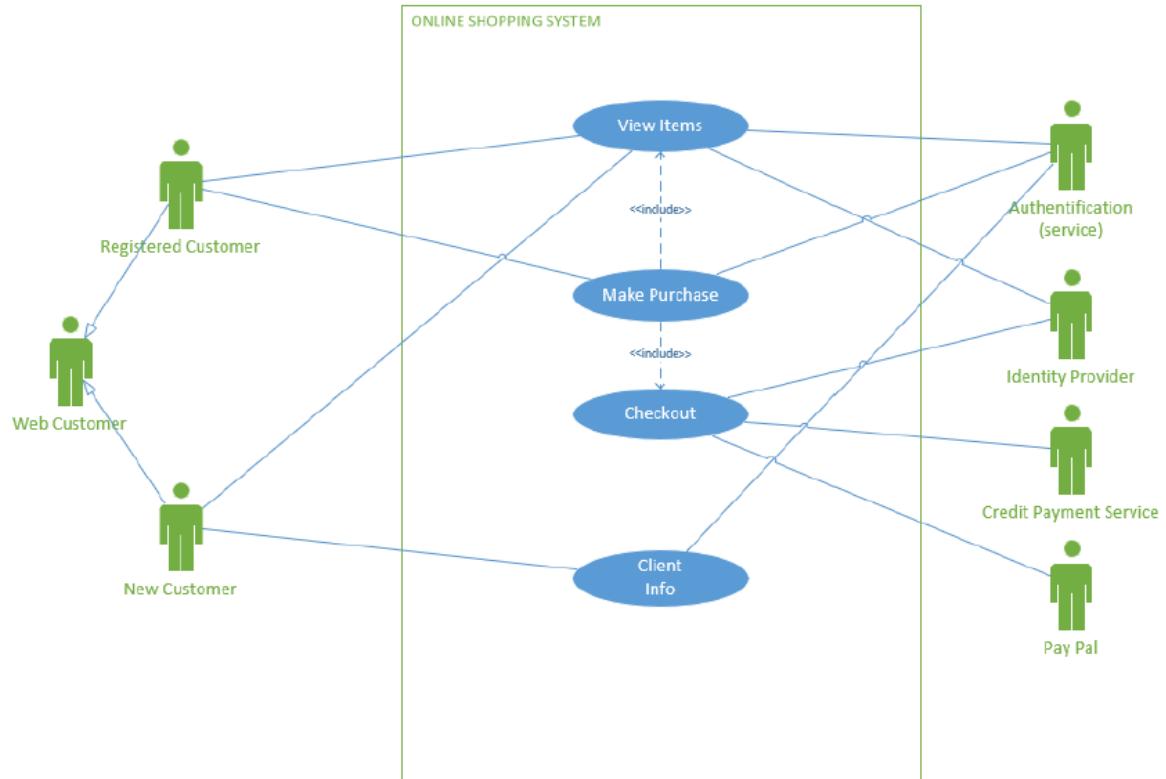
- **Orders:**

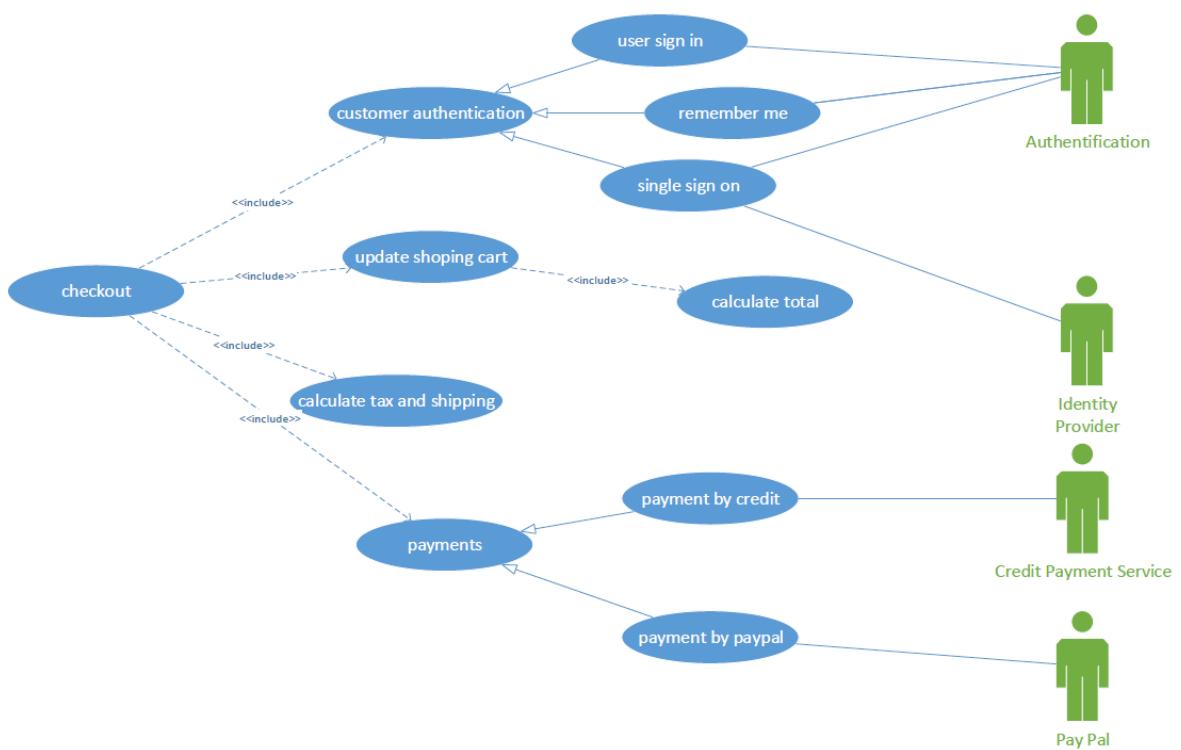
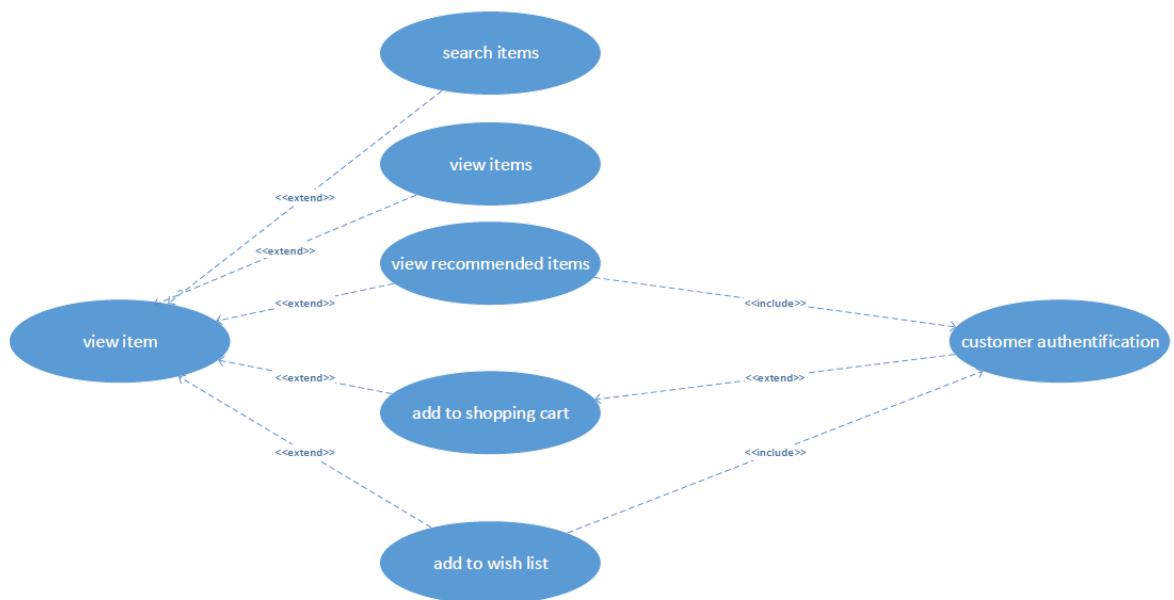
This module keeps the record of products ordered and details about the product is delivered or not.

Non-functional requirements:

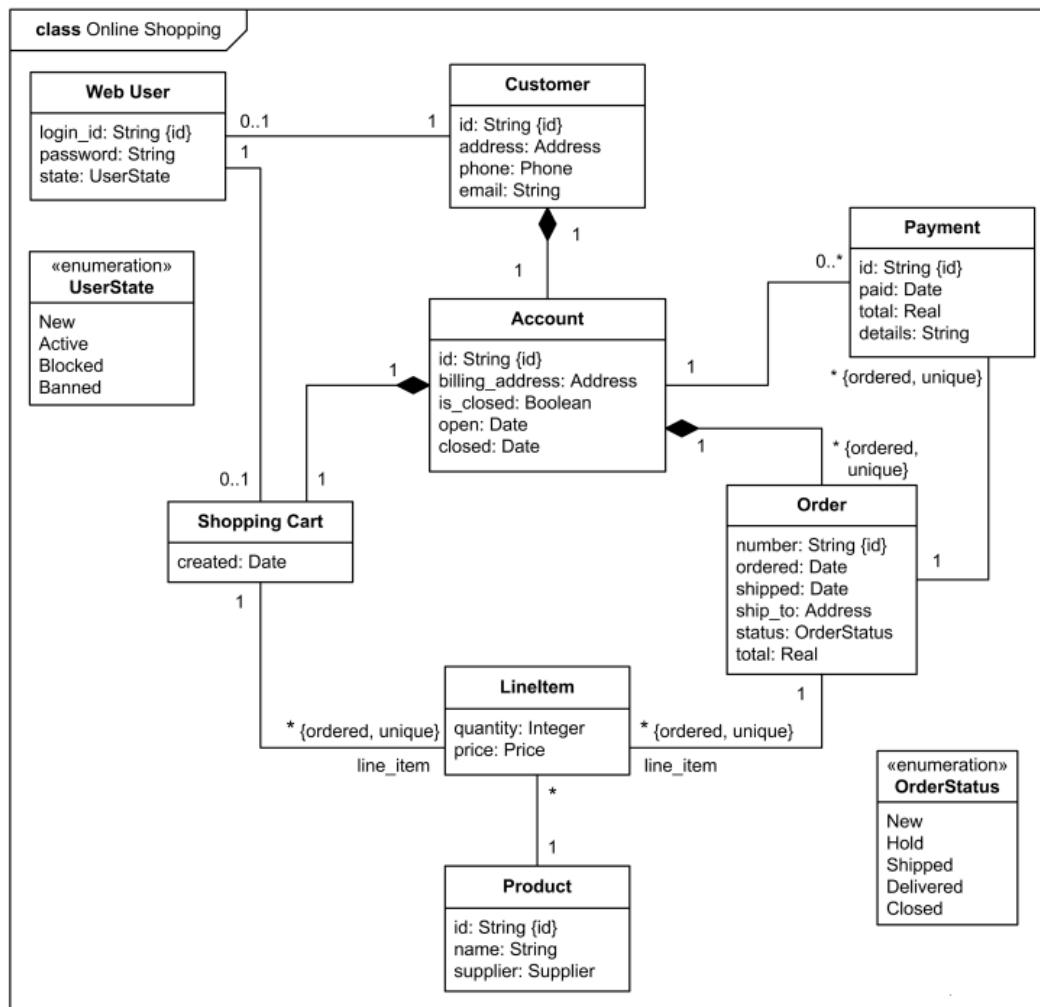
- Secure access of confidential data (customer details)
- 24 x 7 availability
- Better component design to get better performance at peak time.
- Flexible service-based architecture will be highly desirable for future extension.
- Various other non-functional requirements include:
 1. Reliability
 2. Security
 3. Maintainability
 4. Portability
 5. Reusability
 6. Compatibility
 7. Resource Utilization

Use Case diagram:

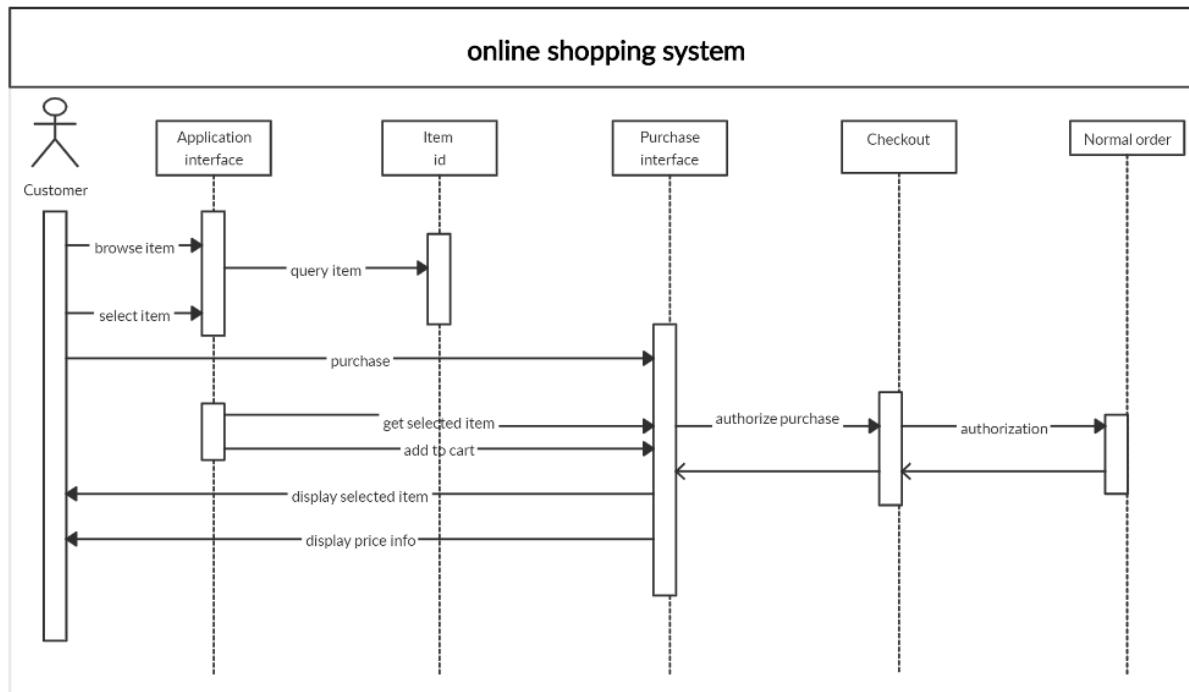




Class Diagram:



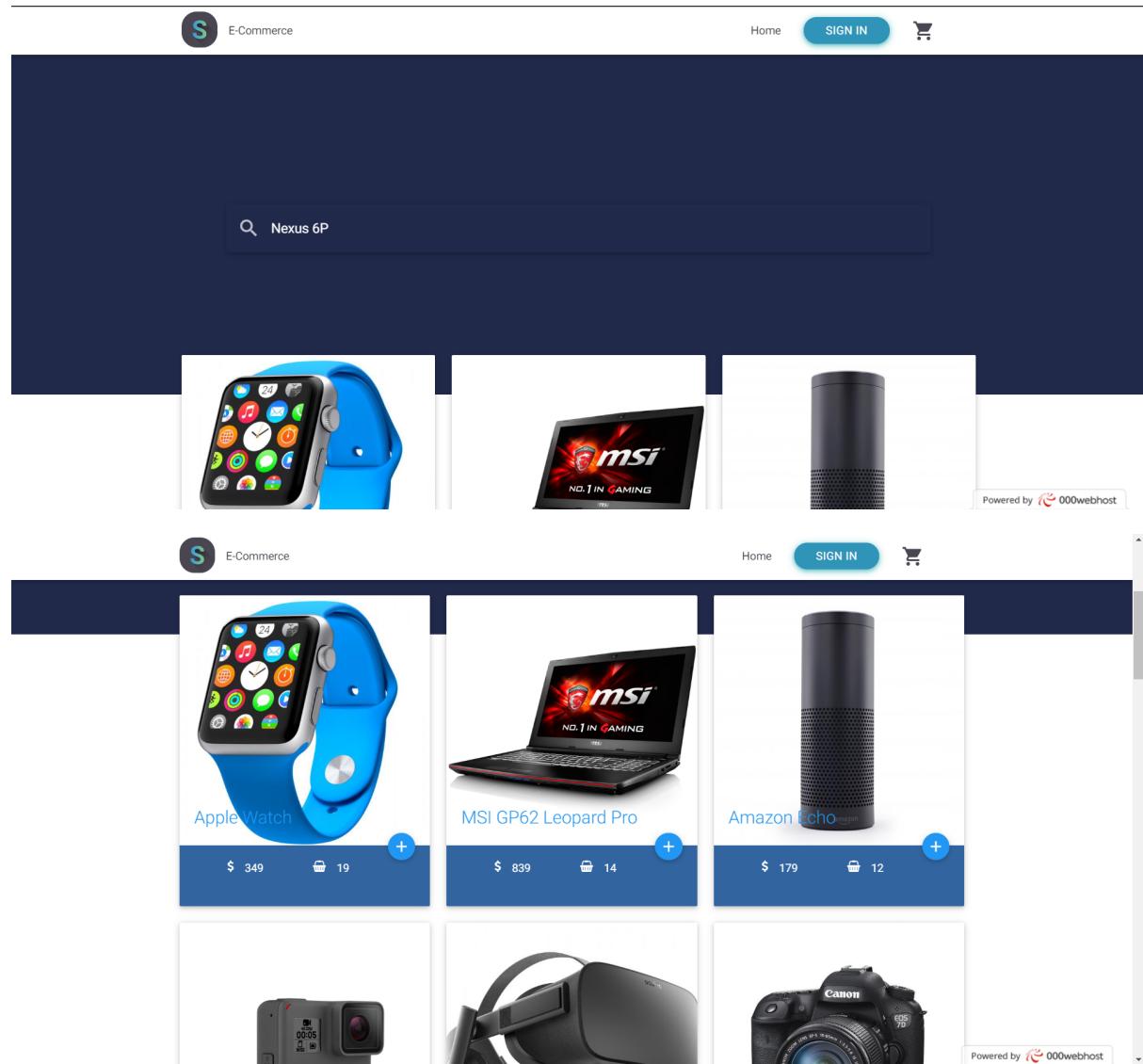
Sequence Diagram:



THE PROJECT

Visit <https://ecommerceosp.000webhostapp.com/> for the live demo.

Landing page



The landing page consists of the following sections:

- Navigation Bar
- Header
- Categories
- About
- Contact us

1. Navigation Bar:



Code:

```
<div class="navbar-fixed">
<nav class="navblack">
<div class="nav-wrapper nav-wrapper-2 container white">
<ul class="left hide-on-med-and-down">
<li><a href="index" class="brand"></a></li>
<li><a href="index" class="dark-text">E-Commerce</a></li>

</ul>

<ul class="center hide-on-large-only">
<li><a href="index" class="dark-text">E-Commerce</a></li>

</ul>
<ul class="right hide-on-med-and-down">
<li><a href="index" class="dark-text">Home</a></li>
<li><a href="#" class="waves-effect waves-light btn button-rounded">
Sign In</a></li>
<li><a href="cart" class="dark-text baskett"><i class="material-icons">
shopping_cart</i>
<span class="badge <?php if(!isset($_SESSION['item'])) OR $_SESSION['item'] == 0) e
cho'hide'; ?><?= $_SESSION['item']; ?></span></a></li>
</ul>
</div>
</nav>
</div>
<ul id="dropdown2" class="dropdown-content">
<li><a class="blue-text" href="editprofile">Edit</a></li>
<li><a class="blue-text" href="includes/logout">Log out</a></li>
</ul>
<div class="navbar-fixed">
<nav class="navblack">
<div class="nav-wrapper nav-wrapper-2 container white">
<ul class="left hide-on-med-and-down">
<li><a href="index" class="brand"></a></li>
<li><a href="index" class="dark-text">E-Commerce</a></li>

</ul>
```

```

<ul class="center hide-on-large-only">
<li><a href="index" class="dark-text">E-Commerce</a></li>

</ul>

<ul class="right hide-on-med-and-down">
<li><a href="index" class="dark-text">Home</a></li>
<li><a href="cart" class="dark-text baskett"><i class="material-icons">shopping_cart</i>
<span class="badge <?php if(!isset($_SESSION['item']) OR $_SESSION['item'] == 0) echo 'hide'; ?><?= $_SESSION['item']; ?></span></a></li>
<li><a href="editprofile" class="nohover dropdown-button" class="dropdown-button" data-activates="dropdown2">
<i class="fa fa-angle-down dark-text right"></i></a></li>
</ul>
</div>
</nav>
</div>

```

2. Header:

```

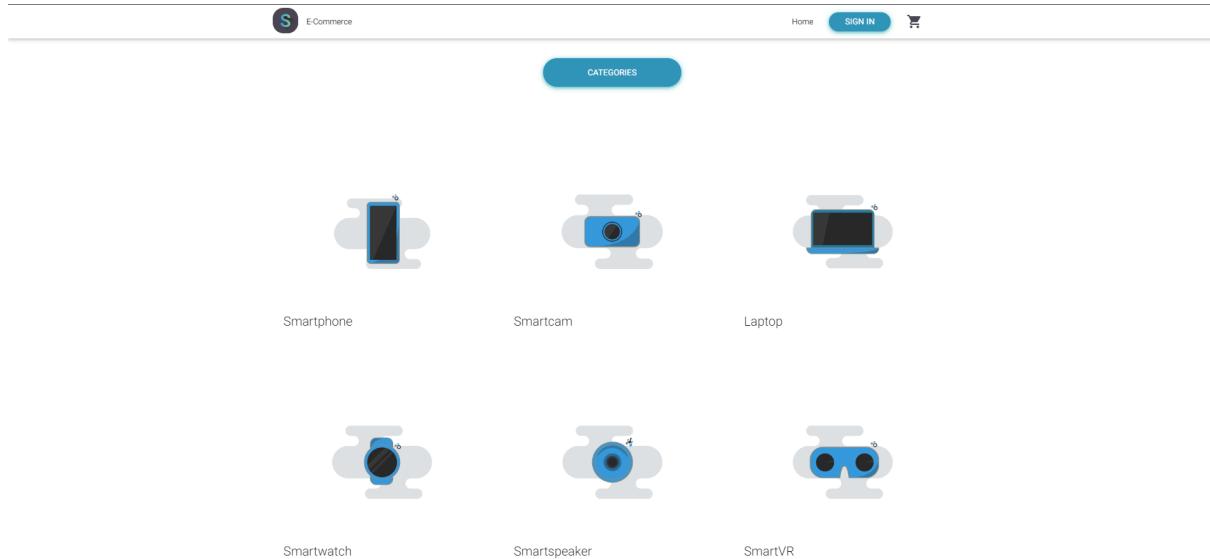
<!DOCTYPE html>
<html>
<head>
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<title>E-Commerce</title>
<link rel="icon" href="src/img/icon.png">
<meta name="viewport" content="width=device-width, initial-scale=1.0"/>
<link rel="stylesheet" href="src/css/font-awesome-4.6.3/css/font-awesome.min.css">
<link type="text/css" rel="stylesheet" href="src/css/materialize.min.css"
" media="screen,projection"/>

<link rel="stylesheet" href="src/css/animate.css-master/animate.min.css">

<link rel="stylesheet" href="src/css/style.css">
<link rel='stylesheet' href='src/css/nprogress.css' />
</head>
<body>

```

3. Categories:



Example:

The screenshot shows a navigation bar with a logo, 'E-Commerce', 'Home', a shopping cart icon, and a user profile icon. On the left is a sidebar menu with the following categories:

- Smartphone
- Smartcam
- Laptop
- Smartwatch
- Smartspeaker
- SmartVR

Below the sidebar are four product cards:

- Nexus 6P: \$499
- Google Pixel XL: \$649
- iPhone 7: \$700
- Samsung s7 edge

Each product card has a red '+' button at the bottom right. At the bottom right of the page is a watermark: 'Powered by 000webhost'.

Code:

```
<?php
session_start();
if (!isset($_SESSION['logged_in'])) {
    $nav = 'includes/nav.php';
}
else {
    $nav = 'includes/navconnected.php';
    $idsess = $_SESSION['id'];
}
if(!isset($_GET['id'])){
header('Location: index');
}
$id_category =$_GET['id'];
require 'includes/header.php';
require $nav; ?>
<div class="container-fluid product-page">
<div class="container current-page">
```

```

<nav>
    <div class="nav-wrapper">
        <div class="col s12">
            <a href="index" class="breadcrumb">Home</a>
            <a href="category.php?id=<?= $id_category; ?>" class="breadcrumb">
Category</a>
        </div>
    </div>
</div>
</div>

<div class="container-fluid category-page">
<div class="row">

    <div class="col s12 m2 center-align cat">
        <div class="collection card">
        <?php

            include 'db.php';

            $querycategory = "SELECT id, name FROM category";
            $total = $connection->query($querycategory);
            if ($total->num_rows > 0) {

                while($rowcategory = $total->fetch_assoc()) {
                    $id_categorydb = $rowcategory['id'];
                    $name_category = $rowcategory['name'];
                    ?>
                    <a href="category.php?id=<?= $id_categorydb; ?>" class='collection-item' <?php if($id_categorydb == $id_category) {echo"active";} ?>' ><?= $name_category; ?></a>
                    <?php }?>
                }
            }
        </div>
    </div>

    <div class="col s12 m10 ">
        <div class="container content">
            <div class="center-align">
                <button class="button-rounded btn-large waves-effect waves-light">Products</button>
            </div>
        <div class="row">
        <?php

            $page = isset($_GET['page']) ? (int)$_GET['page'] : 1;
            $perpage = isset($_GET['per-page']) && $_GET['per-page'] <= 16 ? (int)$_GET['per-page'] : 16;

            $start = ($page > 1) ? ($page * $perpage) - $perpage : 0;

            $queryproduct = "SELECT SQL_CALC_FOUND_ROWS id, name, price, id_picture, thumbnail FROM product WHERE id_category = '{$id_category}' ORDER BY id DESC LIMIT {$start}, 16";
            $result = $connection->query($queryproduct);

```

```

    $total = $connection->query("SELECT FOUND_ROWS() as total")-
>fetch_assoc()['total'];
    $pages = ceil($total / $perpage);

    if ($result->num_rows > 0) {

        while($rowproduct = $result->fetch_assoc()) {
            $id_product = $rowproduct['id'];
            $name_product = $rowproduct['name'];
            $price_product = $rowproduct['price'];
            $id_pic = $rowproduct['id_picture'];
            $thumbnail_product = $rowproduct['thumbnail'];

        ?>

            <div class="col s12 m4">
                <div class="card hoverable animated slideInUp wow">
                    <div class="card-image">
                        <a href="product.php?id=<?= $id_product; ?>">
                            </a>
                            <span class="card-title blue-
text"><?= $name_product; ?></span>
                            <a href="product.php?id=<?= $id_product; ?>" class="bt
n-floating halfway-fab waves-effect waves-light right"><i class="material-
icons">add</i></a>
                    </div>
                    <div class="card-action">
                        <div class="container-fluid">
                            <h5 class="white-text"><?= $price_product; ?> $</h5>
                        </div>
                    </div>
                </div>
            </div>
        <?php }?>

        </div>
        <div class="center-align animated slideInUp wow">
            <ul class="pagination <?php if($total<15){echo "hide";} ?>">
                <li class="<?php if($page == 1){echo 'hide';} ?>"><a href="?p
age=<?php echo $page-1; ?>&per-page=15"><i class="material-
icons">chevron_left</i></a></li>
                <?php for ($x=1; $x <= $pages; $x++) : $y = $x;?>

                    <li class="waves-
effect pagina <?php if($page === $x){echo 'active';} elseif($page < ($x +1)
OR $page > ($x +1)){echo 'hide';} ?>"><a href="?page=<?php echo $x; ?>&per-
page=15" ><?php echo $x; ?></a></li>

                <?php endfor; ?>
                <li class="<?php if($page == $y){echo 'hide';} ?>"><a href="?p
age=<?php echo $page+1; ?>&per-page=15"><i class="material-
icons">chevron_right</i></a></li>
            </ul>
        </div>
    </div>

```

```

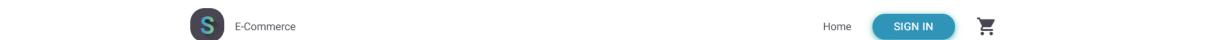
        </div>

        </div>
</div>

<?php
require 'includes/secondfooter.php';
require 'includes/footer.php'; ?>

```

4. Log in/Log out and Sign up:



[LOG IN](#) [SIGN UP](#)

✉ Email

🔒 Password



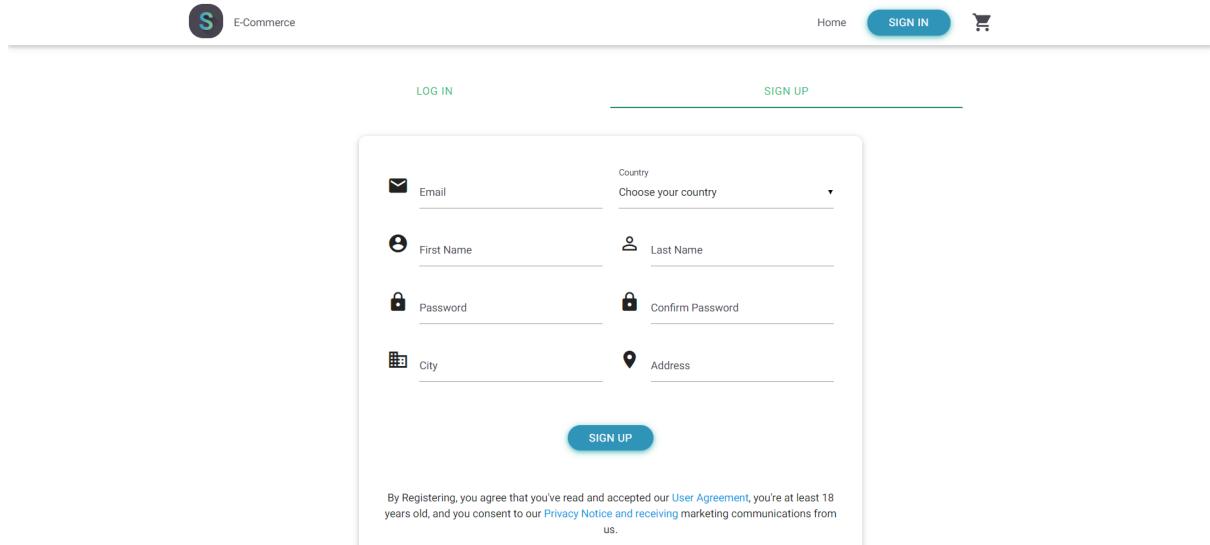
[LOG IN](#) [SIGN UP](#)

✉ Email

🔒 Password

Wrong Info





Code:

```

<?php
session_start();
if (!isset($_SESSION['logged_in'])) {
    $nav = 'includes/nav.php';
}
elseif($_SESSION['logged_in'] == 'True') {
    header('Location: index');
}

else{
    $nav ='includes/navconnected.php';
    $idsess = $_SESSION['id'];
}
error_reporting(0);

require 'includes/header.php';
require $nav; ?>

<div class="container-fluid center-align sign">
<div class="container">

<div class="row">
    <div class="col s12">
        <ul class="tabs">
            <li class="tab col s3"><a class="active" href="#test1">Log In</a></li>
            <li class="tab col s3"><a href="#test2">Sign Up</a></li>
        </ul>
    </div>

<div class="container forms">
    <div class="row">

        <div id="test2" class="col s12 left-align">
            <div class="card">
                <div class="row">

                    <form class="col s12" method="POST" enctype="multipart/form-data">

```

```
<div class="row">

    <div class="input-field col s6">
        <i class="material-icons prefix">email</i>
        <input id="icon_prefix" type="text" name="email" class="validate" required>
            <label for="icon_prefix">Email</label>
    </div>

    <div class="input-field col s6">
        <select class="icons" name="country">
            <option value="" disabled selected>Choose your country</option>
            <option value="Morocco">Morocco</option>
            <option value="Egypt">Egypt</option>
            <option value="Algeria">Algeria</option>
        </select>
        <label>Country</label>
    </div>

    <div class="input-field col s6">
        <i class="material-icons prefix">account_circle</i>
        <input id="icon_prefix" type="text" name="firstname" class="validate" required>
            <label for="icon_prefix">First Name</label>
    </div>

    <div class="input-field col s6">
        <i class="material-icons prefix">perm_identity</i>
        <input id="icon_prefix" type="text" name="lastname" class="validate" required>
            <label for="icon_prefix">Last Name</label>
    </div>

    <div class="input-field col s6">
        <i class="material-icons prefix">lock</i>
        <input id="icon_prefix" type="password" name="password" class="validate" value1" required>
            <label for="icon_prefix">Password</label>
    </div>

    <div class="input-field col s6">
        <i class="material-icons prefix">lock</i>
        <input id="icon_prefix" type="password" name="confirmation" class="validate" value2" required>
            <label for="icon_prefix">Confirm Password</label>
    </div>

    <div class="input-field col s6">
        <i class="material-icons prefix">business</i>
        <input id="icon_prefix" type="text" name="city" class="validate" required>
            <label for="icon_prefix">City</label>
    </div>

    <div class="input-field col s6 meh">
        <i class="material-icons prefix">location_on</i>
```

```

        <input id="icon_prefix" type="text" name="address" class="validate" required>
            <label for="icon_prefix">Address</label>
        </div>

<?php require 'includes/signupconfirmation.php'; ?>
    <div class="center-align">
        <button type="submit" id="confirmed" name="signup" class="btn meh button-rounded waves-effect waves-light ">Sign up</button>
    </div>

        <p>By Registering, you agree that you've read and accepted our <a href="">User Agreement</a>,  

           you're at least 18 years old, and you consent to our <a href="">Privacy Notice and receiving</a>  

           marketing communications from us.</p>
    </div>
    </form>
</div>
</div>
<div id="test1" class="col s12 left-align">

    <div class="card">
        <div class="row">
            <form class="col s12" method="POST">

                <div class="input-field col s12">
                    <i class="material-icons prefix">email</i>
                    <input id="icon_prefix" type="text" name="emaillog" class="validate">
                        <label for="icon_prefix">Email</label>
                </div>
                <div class="input-field col s12 meh">
                    <i class="material-icons prefix">lock</i>
                    <input id="icon_prefix" type="password" name="passworddb" class="validate">
                        <label for="icon_prefix">Password</label>
                </div>

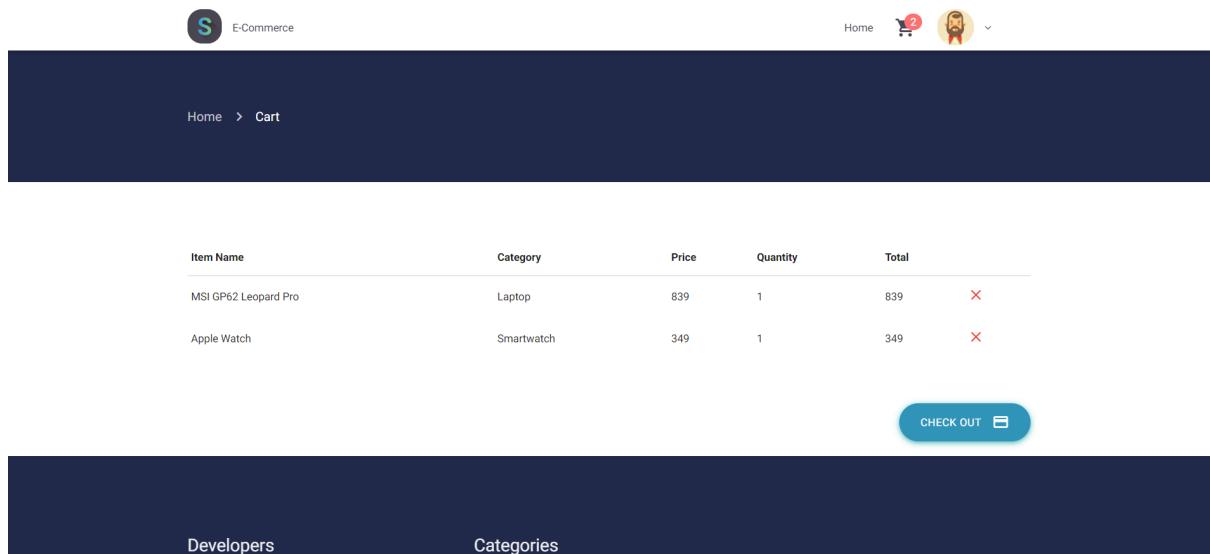
                <?php require 'includes/loginconfirmation.php';?>
                    <div class="center-align">
                        <button type="submit" name="login" class="btn button-rounded waves-effect waves-light ">Login</button>
                    </div>
            </form>
        </div>
        </div>

        </div>
        </div>
        </div>
    </div>
</div>
<?php require 'includes/footer.php'; ?>

```

Log out:

```
<?php  
  
session_start();  
  
session_destroy();  
header('Location: ../index');  
  
?>
```

5. Cart:

The screenshot shows a dark-themed E-commerce website. At the top, there's a header with a logo (a stylized 'S'), the text 'E-Commerce', and navigation links for 'Home', 'Cart', and a user icon. The main content area displays a table of items in the cart:

Item Name	Category	Price	Quantity	Total	Action
MSI GP62 Leopard Pro	Laptop	839	1	839	X
Apple Watch	Smartwatch	349	1	349	X

At the bottom right of the content area is a blue 'CHECK OUT' button. Below the table, there are two links: 'Developers' and 'Categories'.

Code:

```
<?php  
session_start();  
  
if ($_SESSION['item'] < 1 OR !isset($_SESSION['logged_in'])) {  
    header('Location: sign');  
}  
  
else {  
    $nav = 'includes/navconnected.php';  
    $idsess = $_SESSION['id'];  
}  
require 'includes/header.php';  
require $nav;?  
<div class="container-fluid product-page">  
    <div class="container current-page">  
        <nav>  
            <div class="nav-wrapper">  
                <div class="col s12">  
                    <a href="index" class="breadcrumb">Home</a>  
                    <a href="cart" class="breadcrumb">Cart</a>  
                </div>  
            </div>  
    </div>
```

```

        </nav>
    </div>
</div>
<div class="container scroll info">
    <table class="highlight">
        <thead>
            <tr>
                <th data-field="name">Item Name</th>
                <th data-field="category">Category</th>
                <th data-field="price">Price</th>
                <th data-field="quantity">Quantity</th>
                <th data-field="total">Total</th>
            </tr>
        </thead>
        <tbody>
            <?php
                include 'db.php';
                //get products
                $queryproduct = "SELECT product.name as 'name',
product.id as 'id', product.price as 'price',
category.name as 'category', command.id_user, command.statut,
command.quantity as 'quantity'
FROM category, product, command
WHERE command.id_product = product.id AND product.id_category = category.id AND command.statut = 'ordered'";
                $result1 = $connection->query($queryproduct);
                if ($result1->num_rows > 0) {
                    // output data of each row
                    while($rowproduct = $result1->fetch_assoc()) {
                        $id_productdb = $rowproduct['id'];
                        $name_product = $rowproduct['name'];
                        $category_product = $rowproduct['category'];
                        $quantity_product = $rowproduct['quantity'];
                        $price_product = $rowproduct['price'];
                    }
                }
            <tr>
                <td><?= $name_product; ?></td>
                <td><?= $category_product; ?></td>
                <td><?= $price_product; ?></td>
                <td><?= $quantity_product; ?></td>
                <td><?= $price_product*$quantity_product; ?></td>
                <td><a href="deletecommand.php?id=<?= $id_productdb; ?>"><i class="material-icons red-text">close</i></a></td>
            </tr>
            <?php }}?>
        </tbody>
    </table>
    <div class="right-align">
        <a href="checkout"
        class='btn-large button-rounded waves-effect waves-light'>
            Check out <i class="material-icons right">payment</i></a>
        </div>
    </div>
    <?php
        require 'includes/secondfooter.php';
        require 'includes/footer.php'; ?>

```

6. Check Out:

Email: abc@gmail.com

First Name: abc

City: vellore

Country: Choose your country

Last Name: xyz

Address: vellore

PAY

Invoice #153

Item Name	quantity	price	user	country	city	address
Apple Watch	1	\$ 349	abc xyz	India	vellore	vellore
MSI GP62 Leopard Pro	1	\$ 839	abc xyz	India	vellore	vellore

Thank you for trusting us © E-Commerce Inc 2019

HOME

Code:

```

<?php
session_start();

if (!isset($_SESSION['logged_in']) && !isset($_SESSION['item'])) {
    header('Location: sign');
}

elseif($_SESSION['item'] < 1){
    header('Location: index');
}
else {
    $nav = 'includes/navconnected.php';
    $idsess = $_SESSION['id'];

    $email_sess = $_SESSION['email'];
    $country_sess = $_SESSION['country'];
    $firstname_sess = $_SESSION['firstname'];
    $lastname_sess = $_SESSION['lastname'];
    $city_sess = $_SESSION['city'];
    $address_sess = $_SESSION['address'];
}

```

```

require 'includes/header.php';
require $nav;?>
<div class="container-fluid product-page">
    <div class="container current-page">
        <nav>
            <div class="nav-wrapper">
                <div class="col s12">
                    <a href="index" class="breadcrumb">Home</a>
                    <a href="cart" class="breadcrumb">Cart</a>
                    <a href="checkout" class="breadcrumb">Checkout</a>
                </div>
            </div>
        </nav>
    </div>
</div>

<div class="container checkout">
    <div class="card pay">
        <form method="post" action="final">
            <div class="row">

                <div class="input-field col s6">
                    <i class="material-icons prefix">email</i>
                    <input id="icon_prefix" type="text" name="email" value='<?= $ema
il_sess; ?>' class="validate" required>
                    <label for="icon_prefix">Email</label>
                </div>

                <div class="input-field col s6">
                    <select class="icons" name="country" value="<?= $country_sess; ?>
">
                        <option value="" disabled selected>Choose your country</option>
                        <option value="Morocco">Morocco</option>
                        <option value="Egypt">Egypt</option>
                        <option value="Algeria">Algeria</option>
                    </select>
                    <label>Country</label>
                </div>

                <div class="input-field col s6">
                    <i class="material-icons prefix">account_circle</i>
                    <input id="icon_prefix" type="text" name="firstname" value='<?= $f
irstname_sess; ?>' class="validate" required>
                    <label for="icon_prefix">First Name</label>
                </div>

                <div class="input-field col s6">
                    <i class="material-icons prefix">perm_identity</i>
                    <input id="icon_prefix" type="text" name="lastname" value='<?= $
lastname_sess; ?>' class="validate" required>
                    <label for="icon_prefix">Last Name</label>
                </div>

                <div class="input-field col s6">
                    <i class="material-icons prefix">business</i>

```

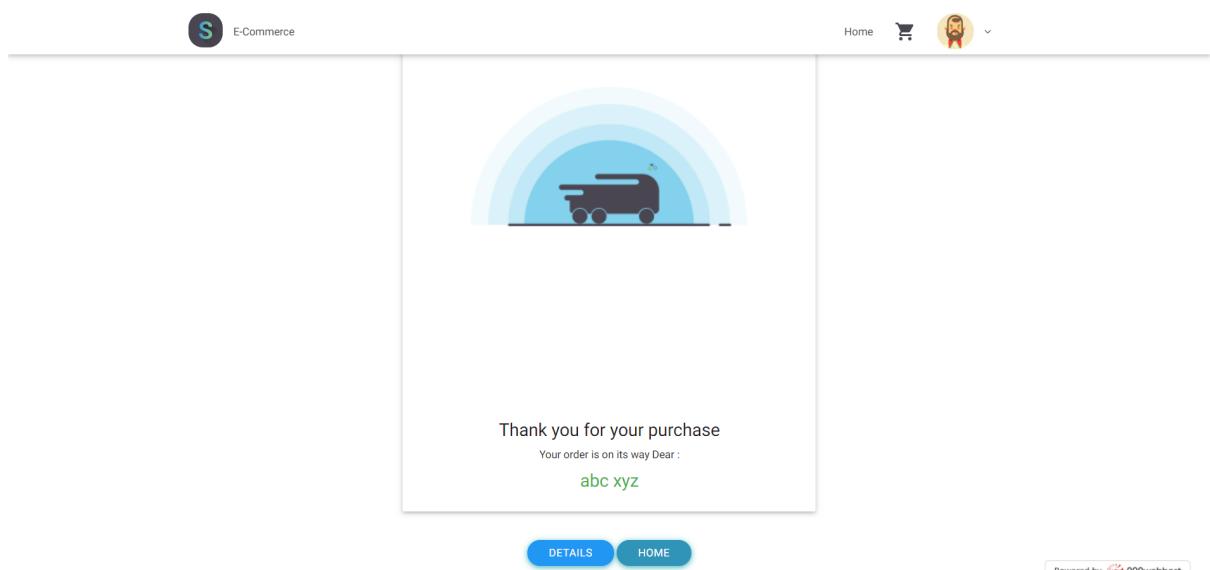
```

        <input id="icon_prefix" type="text" value='<?= $city_sess; ?>' name="city" class="validate" required>
            <label for="icon_prefix">City</label>
        </div>

        <div class="input-field col s6 meh">
            <i class="material-icons prefix">location_on</i>
            <input id="icon_prefix" type="text" value='<?= $address_sess; ?>' name="address" class="validate" required>
                <label for="icon_prefix">Address</label>
            </div>

            <div class="center-align">
                <button type="submit" id="confirmed" name="pay" class="btn meh button-rounded waves-effect waves-light ">Pay</button>
            </div>
        </div>
    </div>
<?php require 'includes/footer.php'; ?>
```

7. Order Confirmation:



Code:

```

<?php
    session_start();

    if (!isset($_SESSION['logged_in']) && !isset($_POST['pay'])) {
        header('Location: sign');
    }

    if (isset($_POST['pay'])) {
        include 'db.php';

        $querycmd = "SELECT product.id,
```

```

        product.name as 'product',
        product.price as 'price',

        command.id as 'idcmd',
        command.id_product,
        command.quantity as 'quantity',
        command.statut,
        command.id_user as 'iduser',

        users.id

        FROM product, command, users
        WHERE product.id = command.id_product AND users.id = co
mmand.id_user
        AND command.id_user = "{$_SESSION['id']}' AND command.s
tatut = 'ordered"';
        $resultcmd = $connection->query($querycmd);
        if($resultcmd->num_rows > 0){
            while ($rowcmd = $resultcmd->fetch_assoc()) {
                $productcmd = $rowcmd['product'];
                $quantitycmd = $rowcmd['quantity'];
                $pricecmd = $rowcmd['price'];
                $idcmd = $rowcmd['idcmd'];
                $firstnamecmd = $_POST['firstname'];
                $lastnamecmd = $_POST['lastname'];
                $countrycmd = $_POST['country'];
                $citycmd = $_POST['city'];
                $addresscmd = $_POST['address'];

                $idusercmd = $rowcmd['iduser'];

                $price = $pricecmd * $quantitycmd;
                $fullname = $firstnamecmd . " " . $lastnamecmd ;

                $query_details = "INSERT INTO details_command(product,
                                                                quantity,
                                                                price,
                                                                id_command,
                                                                id_user,
                                                                user,
                                                                address,
                                                                country,
                                                                city,
                                                                statut) VALUES('$productcmd'
,
                                                                '$quantitycmd',
                                                                '$price',
                                                                '$idcmd',
                                                                '$idusercmd',
                                                                '$fullname',
                                                                '$addresscmd',
                                                                '$countrycmd',
                                                                '$citycmd',
                                                                'ready')";

                $resultdetails = $connection->query($query_details);
            }
        }
    }
}

```

```

    $querypay = "UPDATE command SET statut = 'paid' WHERE id_user = '{$SESSION['id']}' AND statut = 'ordered'";
    $resultpay = mysqli_query($connection, $querypay);
}
}

unset($_SESSION["item"]);

$nav ='includes/navconnected.php';
$idsess = $_SESSION['id'];

$email_sess = $_SESSION['email'];
$country_sess = $_SESSION['country'];
$firstname_sess = $_SESSION['firstname'];
$lastname_sess = $_SESSION['lastname'];
$city_sess = $_SESSION['city'];
$address_sess = $_SESSION['address'];
}

require 'includes/header.php';
require $nav;?>
<div class="container-fluid product-page">
<div class="container current-page">
<nav>
<div class="nav-wrapper">
<div class="col s12">
<a href="index" class="breadcrumb">Home</a>
<a href="cart" class="breadcrumb">Cart</a>
<a href="checkout" class="breadcrumb">Checkout</a>
<a href="final" class="breadcrumb">Thank you</a>
</div>
</div>
</nav>
</div>
</div>

<div class="container thanks">
<div class="row">
<div class="col s12 m3">
</div>
<div class="col s12 m6">
<div class="card center-align">
<div class="card-image">

</div>
<div class="card-content center-align">
<h5>Thank you for your purchase</h5>
<p>Your order is on its way Dear : <h5 class="green-text"><?php echo "$firstname_sess" . " " . "$lastname_sess"; ?></h5></p>
</div>
</div>

<div class="center-align">

```

```
<a href="details.php" class="button-rounded blue btn waves-effects waves-light">Details</a>
<a href="index" class="button-rounded btn waves-effects waves-light">Home</a>
</div>
</div>
<div class="col s12 m3">

</div>
</div>
</div>

<?php require 'includes/footer.php'; ?>
```

Database:

phpMyAdmin

Server: localhost > Database: ecommerce > Table: category

Browse Structure SQL Search Insert Export Import Operations Empty Drop

Showing rows 0 - 5 (total: 6 total). Query took 0.0002 sec.

SELECT * FROM `category` LIMIT 0 , 30

Show : 30 row(s) starting from record # 0 in horizontal mode and repeat headers after 100 cells Sort by key: None

+ Options

ID	Name	Icon										
1	Smartphone	phone										
2	Smartcam	cam										
3	Laptop	laptop										
4	Smartwatch	watch										
5	Smartspeaker	speaker										
6	SmartVR	vr										

Check All / Uncheck All With selected:

Show : 30 row(s) starting from record # 0 in horizontal mode and repeat headers after 100 cells

Query results operations — Print view Print view (with full texts) Export CREATE VIEW

Bookmark this SQL query Label: Let every user access this bookmark Bookmark this SQL query Open new phpMyAdmin window

phpMyAdmin

Server: localhost > Database: ecommerce > Table: command

Browse Structure SQL Search Insert Export Import Operations Empty Drop

Showing rows 0 - 29 (43 total). Query took 0.0003 sec.

SELECT * FROM `command` LIMIT 0 , 30

Show : 30 row(s) starting from record # 30 in horizontal mode and repeat headers after 100 cells Sort by key: None

+ Options

ID	ID Product	Quantity	DAT	Status	ID User							
41	1	1	2017-02-06 19:28:34	paid	7							
61	11	1	2017-02-07 21:51:05	paid	8							
63	9	1	2017-02-07 21:58:20	paid	8							
64	12	1	2017-02-07 22:00:14	paid	8							
66	13	1	2017-02-07 22:03:19	paid	8							
67	13	1	2017-02-07 22:04:20	paid	8							
69	14	1	2017-02-08 00:44:55	paid	5							
70	14	1	2017-02-08 17:39:02	paid	11							
71	12	1	2017-02-08 20:43:03	paid	11							
72	14	1	2017-02-08 20:46:07	paid	11							
73	11	2	2017-02-08 21:25:35	paid	11							
74	14	1	2017-02-08 21:44:00	paid	11							
75	7	1	2017-02-08 21:48:22	paid	11							
76	12	1	2017-02-08 22:04:58	paid	11							
77	9	1	2017-02-08 22:16:32	paid	11							
78	9	1	2017-02-09 19:23:03	paid	11							
80	9	1	2017-02-11 14:42:00	paid	8							
81	12	1	2017-02-11 22:48:30	paid	8							
82	14	1	2017-02-12 13:18:51	paid	8							
83	16	1	2017-02-12 13:23:37	paid	8							
84	12	1	2017-02-14 13:40:56	nsair	8							

Show : 30 row(s) starting from record # 30 in horizontal mode and repeat headers after 100 cells

Page number: 1

Query results operations — Print view Print view (with full texts) Export CREATE VIEW

phpMyAdmin

Server: localhost | Database: ecommerce | Table: details_command

Browse Structure SQL Search Insert Export Import Operations Empty Drop

Showing rows 0 - 28 (29 total, Query took 0.0003 sec)

SELECT * FROM `details_command` LIMIT 0 , 30

Profiling [Edit] [Explain SQL] [Create PHP Code] [Refresh]

Show: 30 row(s) starting from record # 0
in horizontal mode and repeat headers after 100 cells
Sort by key: None

+ Options

	id	product	quantity	price	id_command	id_user	user	address	country	city	statut
	X 1	MSI GP62 Leopard Pro	1	839	71	11	ali ghallou	N 23 Lot El Waha Errachidia	Morocco	Errachidia	done
	X 3	Oculus rift	2	1200	73	11	ali ghallou	N 23 Lot El Waha Errachidia	Morocco	Errachidia	done
	X 4	Apple Watch	1	349	74	11	ali ghallou	N 23 Lot El Waha Errachidia	Morocco	Errachidia	done
	X 5	Samsung s7 edge	1	560	75	11	ali ghallou	N 23 Lot El Waha Errachidia	Morocco	Errachidia	done
	X 6	MSI GP62 Leopard Pro	1	839	76	11	ali ghallou	N 23 Lot El Waha Errachidia	Morocco	Errachidia	done
	X 7	Gopro Hero 5	1	450	77	11	ali ghallou	N 23 Lot El Waha Errachidia	Morocco	Errachidia	done
	X 8	Gopro Hero 5	1	450	78	11	ali ghallou	N 23 Lot El Waha Errachidia	Morocco	Errachidia	done
	X 9	Gopro Hero 5	1	450	80	8	anasmazouni	N 20 Lot El dumno Cairo	Morocco	Cairo	done
	X 10	MSI GP62 Leopard Pro	1	839	81	8	anasmazouni	N 20 Lot El dumno Cairo	Morocco	Cairo	done
	X 11	Apple Watch	1	349	82	8	anasmazouni	N 20 Lot El dumno Cairo	Morocco	Cairo	done
	X 12	Canon EOS 7D	1	889	83	8	anasmazouni	N 20 Lot El dumno Cairo	Morocco	Cairo	done
	X 13	MSI GP62 Leopard Pro	1	839	84	8	anasmazouni	N 20 Lot El dumno Cairo	Morocco	Cairo	done
	X 14	MSI GP62 Leopard Pro	1	839	86	8	anasmazouni	N 20 Lot El dumno Cairo	Morocco	Cairo	done
	X 15	MSI GP62 Leopard Pro	1	839	89	8	anasmazouni	N 20 Lot El dumno Cairo	Morocco	Cairo	done
	X 16	MSI GP62 Leopard Pro	1	839	91	8	anasmazouni	N 20 Lot El dumno Cairo	Morocco	Cairo	done
	X 17	MSI GP62 Leopard Pro	1	839	92	8	anasmazouni	N 20 Lot El dumno Cairo	Morocco	Cairo	done
	X 18	Oculus rift	1	600	93	8	anasmazouni	N 20 Lot El dumno Cairo	Morocco	Cairo	done
	X 19	Amazon Echo	1	179	99	8	anasmazouni	N 20 Lot El dumno Cairo	Morocco	Cairo	done
	X 20	Amazon Echo	1	179	101	11	ali ghallou	N 23 Lot El Waha Errachidia	Morocco	Errachidia	done
	X 21	Amazon Echo	1	179	112	8	anasmazouni	N 20 Lot El dumno Cairo	Morocco	Cairo	done
	X 22	MSI GP62 Leopard Pro	1	839	113	8	anasmazouni	N 20 Lot El dumno Cairo	Morocco	Cairo	done
	X 23	Amazon Echo	1	179	444	9	anasmazouni	N 20 Lot El dumno Cairo	Morocco	Cairo	done

phpMyAdmin

Server: localhost | Database: ecommerce | Table: pictures

Browse Structure SQL Search Insert Export Import Operations Empty Drop

Showing rows 0 - 29 (30 total, Query took 0.0002 sec)

SELECT * FROM `pictures` LIMIT 0 , 30

Profiling [Edit] [Explain SQL] [Create PHP Code] [Refresh]

Show: 30 row(s) starting from record # 0
in horizontal mode and repeat headers after 100 cells
Sort by key: None

+ Options

	id	picture	id_product
	X 13	Samsung-Galaxy-S6-edge-Gold-Platinum.jpg	2
	X 14	samsung-galaxy-s7-edge.jpg	2
	X 15	galaxy-s7-edge-black.png	2
	X 16	MMY72_AV2.jpg	8
	X 17	iphone7-plus-rosegold-select-2016.jpg	8
	X 18	blue-iphone.jpg	8
	X 19	Hero5-Black-Carousel-3.png	9
	X 20	gopro-hero-5-release-date-price-frame.jpg	9
	X 21	gopro_hero_5_black_review_display.jpg	9
	X 25	oculus_rift_1.jpg	10
	X 26	OculusRift.jpg	10
	X 27	61E5RQQAOPL__SL1500_.jpg	10
	X 28	five_pictures1_100250_201506200523405584885cedd68...	12
	X 29	pi_ms_gp622qe_035zaf.jpg	12
	X 30	pi_ms_gp622qe_035zaf3.jpg	12
	X 31	amazon_b00x4whp5e_echo_1187819.jpg	13
	X 32	amazonecho_4-10059473-org.jpg	13
	X 33	amazon-echo-part-1-a-consumer-pr.jpg	13
	X 34	og-img.png	14
	X 35	h_51561794.jpg	14
	X 36	apple-watch-thumbail-100571651.orin.jpg	14

phpMyAdmin

Server: localhost | Database: ecommerce | Table: product

Browse Structure SQL Search Insert Export Import Operations Empty Drop

Showing rows 0 - 9 (10 total, Query took 0.0002 sec)

SELECT * FROM `product` LIMIT 0 , 30

Profiling [Edit] [Explain SQL] [Create PHP Code] [Refresh]

Show: 30 row(s) starting from record # 0
in horizontal mode and repeat headers after 100 cells
Sort by key: None

+ Options

	id	id_category	name	description	price	id_picture	thumbnail	promo
	X 7	1	Samsung s7 edge	5.50-inch 1440x2560 display powered by 1.6GHz octa...	560	2	galaxy-s7-edge-black.png	
	X 8	1	Iphone 7	Features 3G, 4.7" LED-backlit IPS LCD display, 1...	700	8	rsz_iphone-7-jet-black.jpg	
	X 9	2	Gopro Hero 5	GoPro HERO5 Black features Supports 4K30, 2.7K60,...	450	9	gopro5.png	1
	X 10	6	Oculus rift	The Oculus Rift is a virtual reality system that c...	600	10	Oculus_Product_Dynamic_45.jpg	1
	X 12	3	MSI GP62 Leopard Pro	In-depth review of the MSI GP62-2QE781FD (Intel C...	839	12	msi-gp62-6qf-product_pictures-3d1.png	
	X 13	5	Amazon Echo	Amazon Echo is a hands-free speaker you control wi...	179	13	amazon-echo-image.jpg	
	X 14	4	Apple Watch	The new Apple Watch is the ultimate device for you...	349	14	apple-watch-premium-design-vs-pebble-time-round-cl...	
	X 15	1	Google Pixel XL	XL 5.5" Phone 128GB Quite Black Cell Smart GOOGLE...	649	15	pixel.png	
	X 16	2	Canon EOS 7D	The EOS 7D features a Canon-designed 18.0 Megapix...	889	16	EOS 7D Mark II Hero.jpg	
	X 17	1	Nexus 6P	All-metal design Unlocked, LTE smartphone with a p...	499	17	nexus-6p-topic-full.png	

Check All / Uncheck All With selected:

Show: 30 row(s) starting from record # 0
in horizontal mode and repeat headers after 100 cells

Query results operations:

[Print view](#) [Print view \(with full texts\)](#) [Export](#) [CREATE VIEW](#)

Bookmark this SQL query

Label: Let every user access this bookmark

Bookmark this SQL query

Steps to purchase a product:

- **STEP 1:**

Login

If you don't have an account, Sign up.

LOG IN

SIGN UP

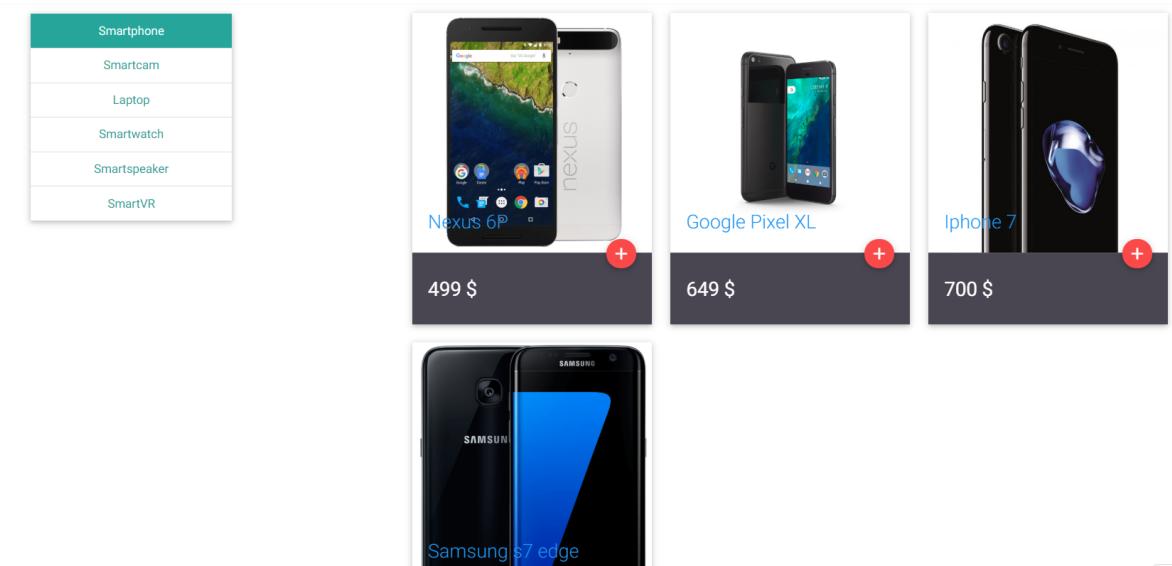
Email
 abc@gmail.com

Password


LOGIN

- **STEP 2:**

Browse the required category and select the item which you want to buy.
(Click on the “+” Button)



Mention the required quantity and Click on ADD TO CART

Nexus 6P

Price
\$ 499

All-metal design Unlocked, LTE smartphone with a powerful 2GHz Snapdragon 810 V2.1 Processor and the newest Android software, Android 6.0 marshmallow.

Quantity

ADD TO CART

- **STEP 3:**

Click on button.

Item Name	Category	Price	Quantity	Total	
Nexus 6P	Smartphone	499	1	499	

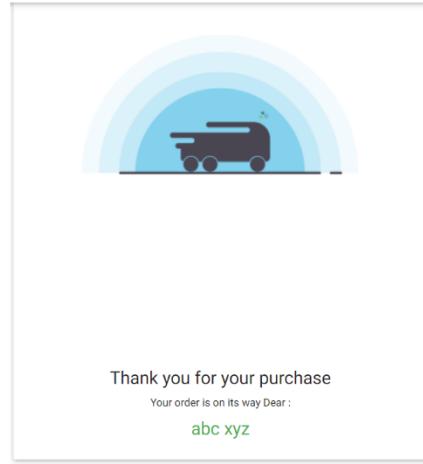
CHECK OUT

Click on “CHECK OUT”.

- **STEP 4:**

 Email abc@gmail.com	Country Choose your country ▾
 First Name abc	 Last Name xyz
 City vellore	 Address vellore
PAY	

Fill-in all the details and click on PAY button, to get the Confirmation.



- **STEP 5:**

Congratulations, your order has been placed successfully and you can see the same in the “Orders” section on the Nav Bar.

Name	Quantity	Date	Status
Apple Watch	1	2019-10-14 06:52:12	paid
MSI GP62 Leopard Pro	1	2019-10-14 06:52:12	paid
Nexus 6P	1	2019-10-14 08:19:24	paid

[DOWNLOAD](#)

Click on the DOWNLOAD button to download the order details as pdf.

