CHAPTER 1

INTRODUCTION

The aim of this project is on the online shopping application it is developed using HTML5, JAVA script, CSS, PHP. The application is very useful where the buyer can directly buy the products from home via the internet on a mobile or system. The application reduces a lot of workload for customer as well as owner. The transaction of money is complete in real time system. Some of the online shops are eBay Amazon. By this online shopping, the product is directly delivered to customer home.

Online shopping is the process consumers go through to purchase products or Services over the Internet. An online shop, e-shopping, e-store, internet shop, webshop, web store, online store, or virtual store evokes the physical analogy of buying products or services at a bricks-and-mortar retailer or in a mall. The metaphor of an online catalog is also used, by analogy with mail-order catalogs. All types of stores have retail websites, including those that do and do not also have physical storefronts and paper catalogs.

Online shopping is a type of electronic commerce used for business-to-business(B2B) and business-to-consumer (B2C) transactions. The term Webshop also refers to a place of business where web development, web hosting and other types of web related activities take place.

Core functionality is:

- Add User information
- Add and delete information about the product.

1.1 Related work

The related work is divided into four parts:

- Adding of product and its specification.
- Display product and update items.
- List of products.
- Order information.

In the first case, admin adds the product along with their features and images into the server database. This is done by selecting the product names and the images. The first case continues like by entering all the details about that product. When you are all done, click, add product.

Once the product is uploaded, we can display the product on the user side. The uploaded items are listed in the gallery with all entered information. The last part is user login information. Here all the names of the users are listed according to log in.

1.2 Proposed work

The proposed system is a web-based system. The user can log in to the system with username shared to the online shopping. Then he/she can view or search the favorite product based on product name and price. The administrator can log in and manage the online system. The proposed system uses a GUI framework. This system is highly user-friendly so that the newcomer can use this webpage efficiently.

1.3 Objectives of the work

- To develop an easy way to use a web-based interface where users can search for a product view the details of the product and order it without going to the market.
- The searching product can be done by product category, manufacturer as well as the latest the product, view it purchase it become a convenient way for the customer.
- The customer can add the product to cart to purchase, delete the product from the cart before selecting the final submission.
- A user can view the complete specification of the product with various images and also view the customer review the product.
- It minimizes the shopping time of the customer, increases the point of choice.

1.4 Key Features

- The online shopping will enable the customer to perform activities such as view the product and he/she can add to cart for the next step.
- The online-shopping will enable the customer to select the product according to their favorite brand and price.
- The webpage will have an admin page, which will enable admin to maintain user details and manage product items in the system.
- The application will allow the customer to find the required products by their names and price.

1.5 Organization of the Project

This project report has been broadly divided into six chapters:

- **CHAPTER 1** gives propose of the system, project motivation, problem statement, the methodology used.
- **CHAPTER 2** discusses the literature survey.
- **CHAPTER 3** system requirement specification of the project.
- **CHAPTER 4** gives the system design of the project.
- **CHAPTER 5** gives the implementation details of the project.
- **CHAPTER 6** gives the results of the project.

CHAPTER 2

LITERATURE SURVEY

2.1 Research on The Evolution Law of The Semantic Web Structure of Online Shopping Reviews

In order to explore the semantic clues and online shopping consumer behavior rules contain online shopping commentary, this paper takes 55560 after-sales evaluation as the research object to put forward the netizens related hypothesis evaluation of social network evolution, and evaluation of innovation of Internet users social network evolution diagram visualization description and empirical analyses. The study found that, the commodity "quality", "practical", "the seller" "attitude" attribute has a high canter, and consumers rely on degree bigger to merchandise the four attributes; the highest correlation between utility and quality of goods in the commodity attribute of CO word matrix; the whole network density of consumer evaluation is relatively large, suggesting that it on the online shopping attitude and behavior will have a great impact. Therefore, this study finally reveals the social network online shopping reviews the evolution process and the consumer behavior evolution characteristics.

2.2 Evaluating the Effectiveness of Online Product Planning and Layout Tools in online Apparel Shopping

In online businesses, each product item has its specific product page where online consumers can adopt different online product planning and layout tools (OPPLTs) to select their most suitable product items. The product page is usually the first page that online shopping agents are directed to. As a result, a product page plays an important role in the success of online businesses. In this research, the impact of online consumers' perceptions about the usefulness of different OPPLTs on consumers' intention towards online apparel shopping is analyzed. The purpose is to obtain knowledge about the effectiveness of each OPPLT in influencing online consumers' shopping intentions. The results can provide guidance for online businesses so that their product pages can be designed effectively.

2.3 Status of Online Shopping in Present Business Environment

Online buying behavior is affected by various factors like economic factors, demographic factors, technical factors, social factors, cultural factors, psychological factors, marketing factors, and legislative factors. Customers choose an online-shop mainly based on references, clarity terms of delivery, graphic design and additional services. Problematical customers read discussions on

the Internet before they spend their money online and when customers are incapable to purchase the product fast and with no trouble they leave online-shop. Kotler, (2003) described Consumer buying method as learning, information-processing and decision-making activity divided into several consequent steps: Problem identification, Information search, Alternatives evaluation, Purchasing decision, Post-purchase behavior. Euthymia's, identified the main constituent of the online shopping experience as follows: the functionality of the Web site that includes the elements trade with the site's usability. the emotional elements planned for lowering the customer's hesitation by communicating trust and credibility of the online seller and Website and the content elements including the aesthetic aspects of the online presentation and the marketing mix.

2.4 Status and scope of online Shopping: AN Interactive analysis

Online Shopping is a current phenomenon which has developed a great importance in the modern business environment. The evolution of online shopping has opened the door of opportunity to exploit and provide a competitive advantage over firms. This paper analyzed the different issue of online shopping. The research aims to provide a theoretical contribution to understanding the present status of online shopping and explores the factors that affect online shopping. The Study provides insights into consumers' online shopping behaviors and preferences. Moreover, the paper also identifies the hurdles that customers' face when they want to adopt internet shopping as their main shopping medium. The present study is a descriptive study based on a detailed review of earlier relevant studies related to the various concepts of online shopping to explore the concept of online shopping. Findings reveal that online shopping brings optimum convenience to the consumers. Privacy and security risk emerge frequently as a reason for being wary of internet shopping. Shopping convenience, immediate possession, information seeking, social interaction, and variety affects the consumer attitude toward online shopping.

CHAPTER 3

SYSTEM REQUIREMENT SPECIFICATION

3.1 System Analysis

System analysis will be performed to determine if it is feasible to design information based on policies and plans of the organization and on user requirements and to eliminate the weaknesses of the present system

- To enhance user/system interface.
- To improve information quality and usability.
- To upgrade systems reliability, availability, flexibility and growth potential

3.2 Functional Requirement

- It will list out the minimum requirements required for the project to have.
- The user has to log in with his username.
- One account cannot be associated with multiple users.
- Easy scanning and selecting items in the list.
- Effective categorical organization of the products.
- Simple navigation from homepage to information and order links for specific products.

3.3 Non-Functional Requirement

The following are the system requirements for music library systems

HARDWARE SPECIFICATION

Processor	:	Intel P4 CPU 1.60 GHz
Memory	:	128MB
Hard Disk	:	20GB

SOFTWARE REQUIREMENTS

Operating system	: Windows XP or later
Front end language	: PHP, HTML, CSS, JAVA Script
Back end/Database	: MySQL
Development tools	: XAMPP, Notepad++
Browser	: Any browser

CHAPTER 4

SYSTEM DESIGN

4.1 Work model

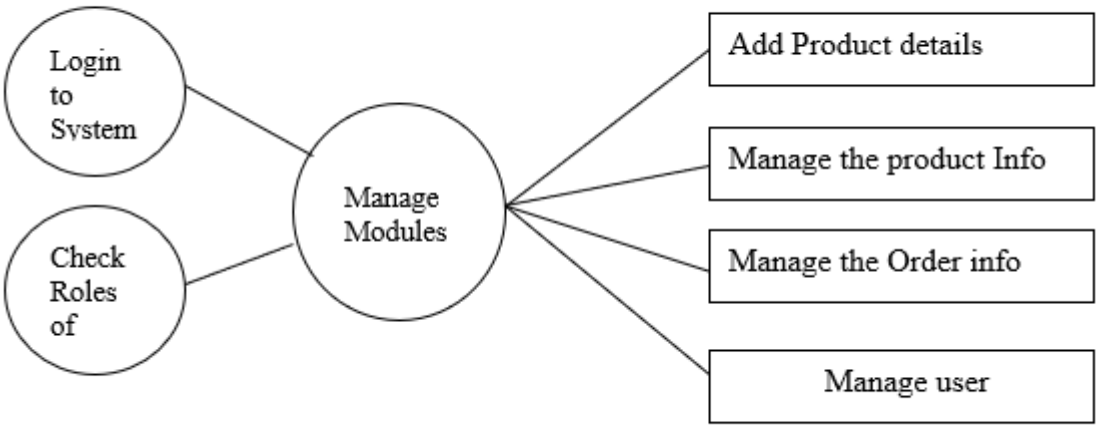

Figure 4.1 work model

4.2 Database Design

Database with attribute names:

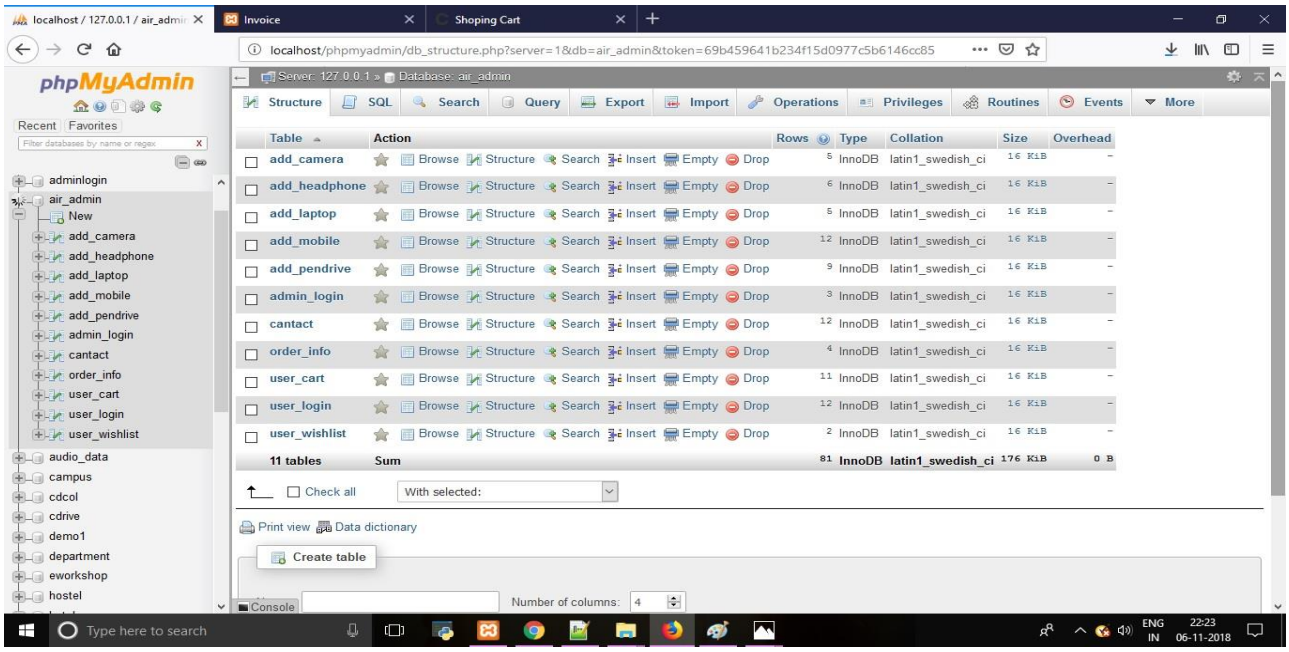

Figure 4.2 Database attributes

Admin login:

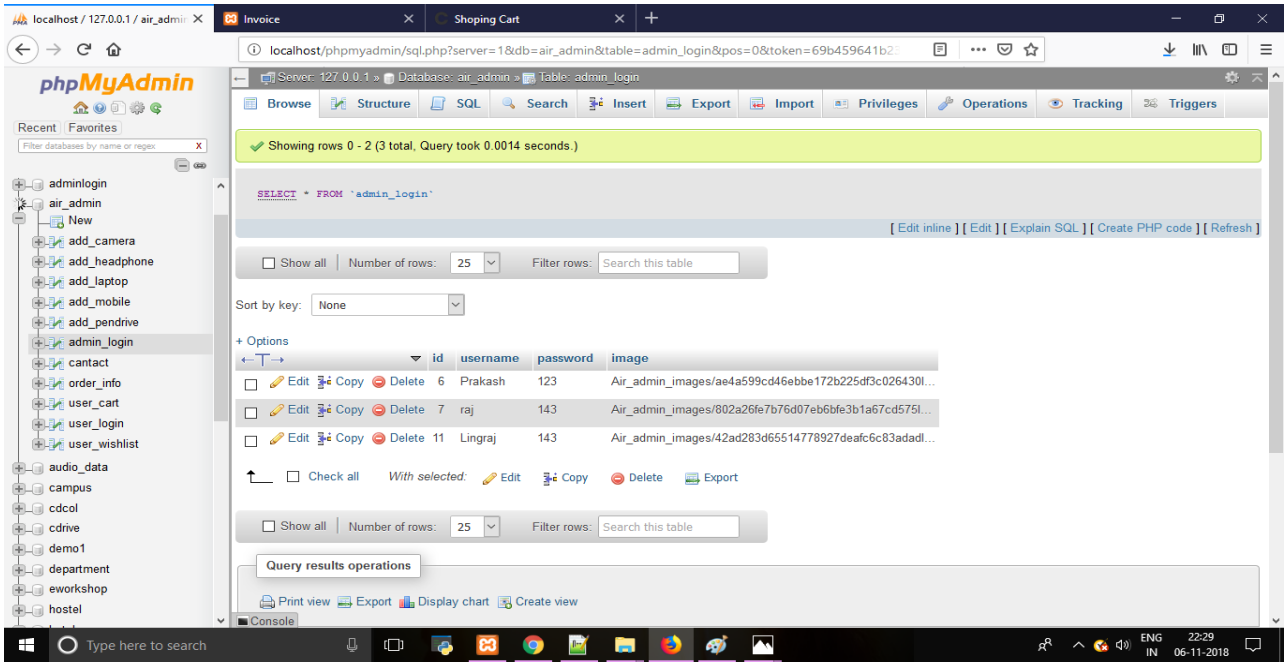

Figure 4.3 Admin login attributes screenshot

Add Product database:

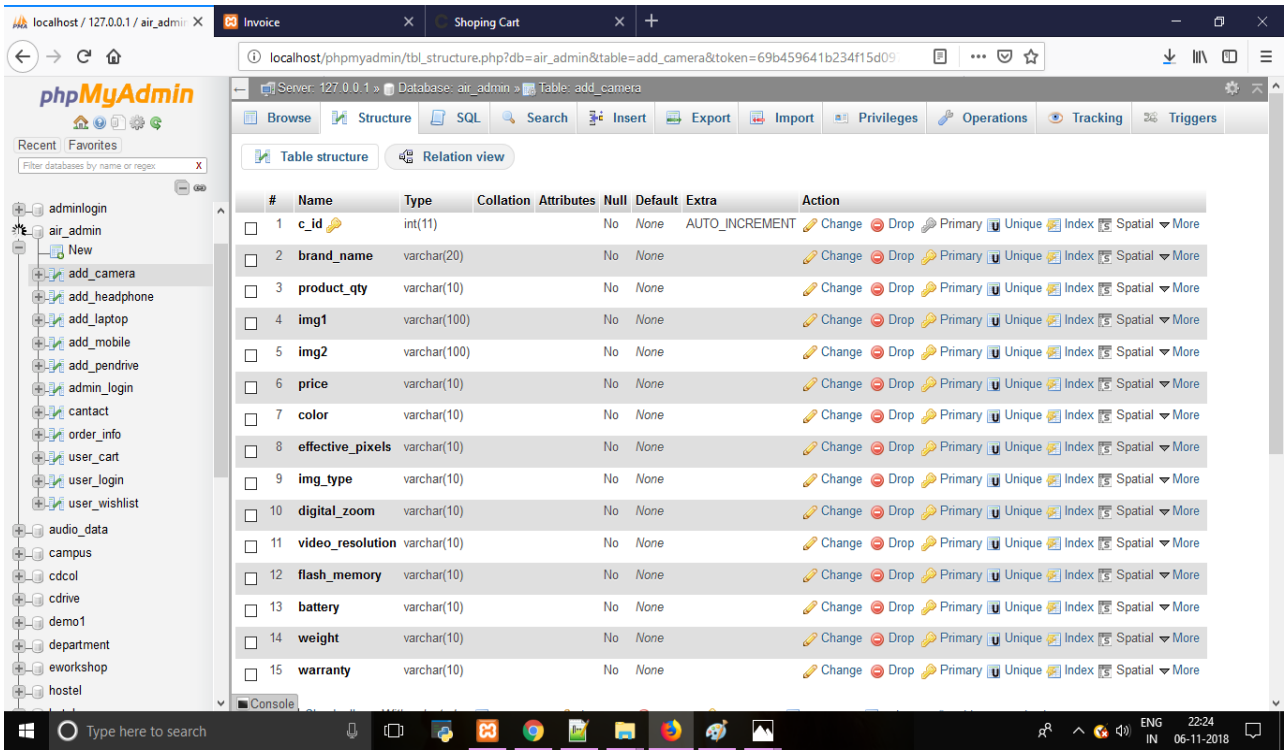

Figure 4.4 Add product database screenshot

User login:

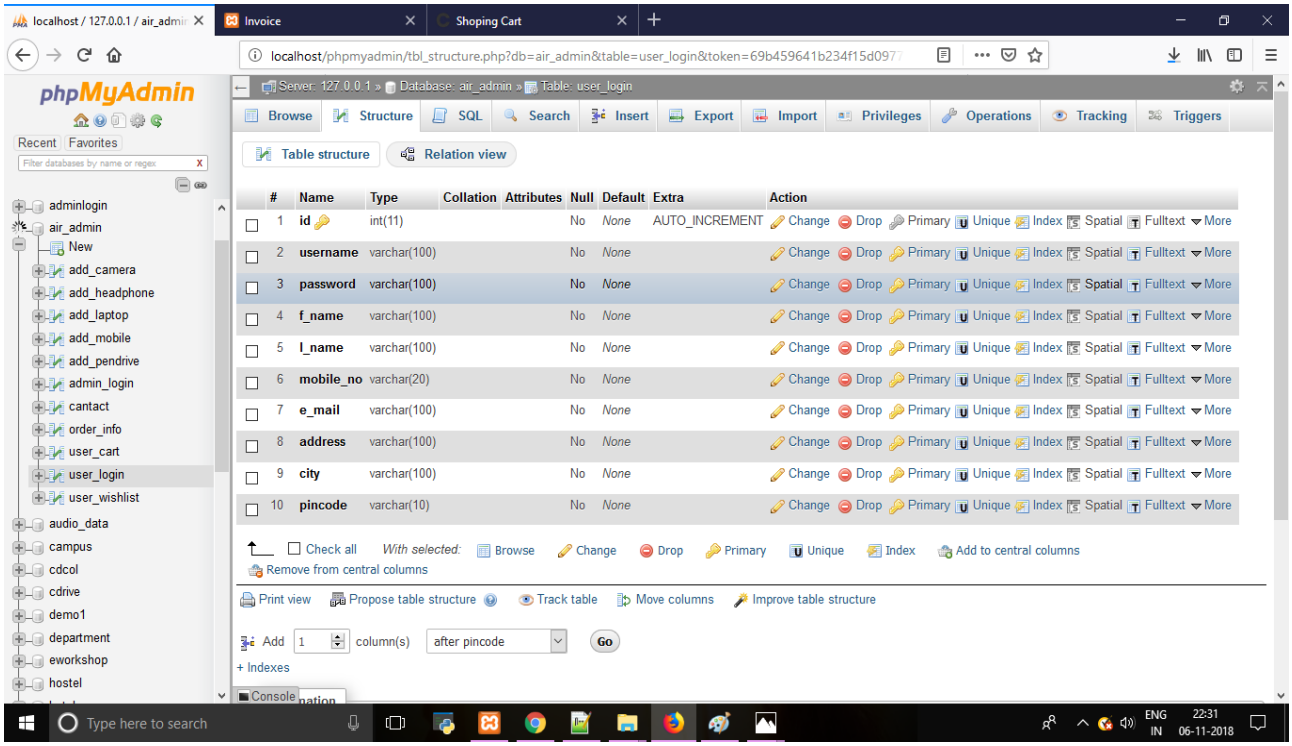

Figure 4.5 User Login database screenshot

User cart:

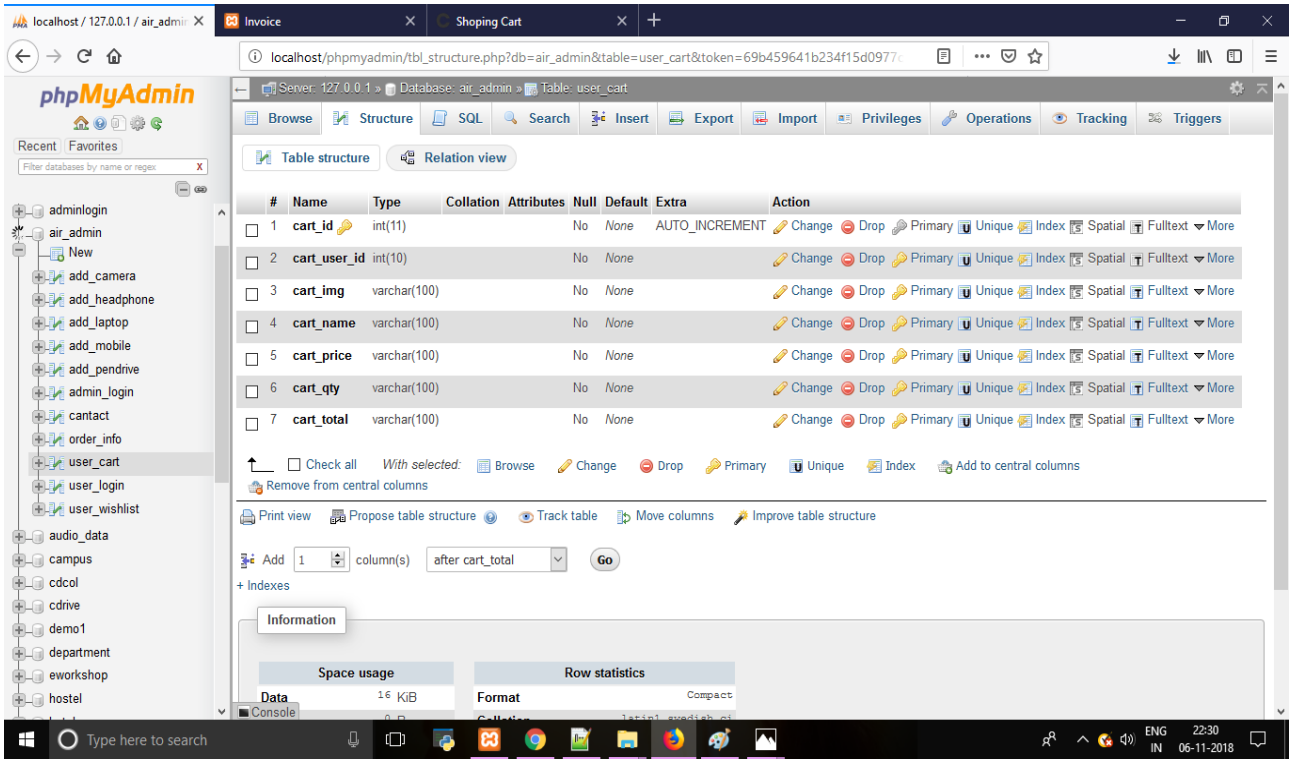

Figure 4.6 User login database screenshot

CHAPTER 5

IMPLEMENTATION

This section deals with the implementation details of the system designed in the previous section. Implementation is the process of converting the design to code. The entities identified from design are to be implemented considering the association between them and how they communicate with each other.While there are a number of software tools to develop and implement the web-based online shopping system.

For designing the project HTML, CSS, Bootstraps, Apache server as web server,PHP for making the system dynamic. MySQL as database server. All of the tools are open source.

5.1 Entities

Here we discuss the modules implemented in the system. Important aspects of the system are discussed. The implementation is divided into module wise so that it is easy to implement. Implementation is mainly done via three modules:

- ADD_PRODUCT
- ADMIN_LOGIN
- CONTACT
- ORDER_INFO
- USER_CART
- USER_LOGIN

5.2 Entities description

Each entity action is described in the following section

5.2.1 Add_Product

This entity has the main responsibility for online shopping. This admin has the following pages

- Add camera page
- Add headphone page
- Add laptop page
- Add mobile page
- Add Pen drive page

Add Camera: This page enables admin to add the camera and its specifications that displays on the user side.

Add Headphone: This page enables admin to add the headphone and its specifications that displays on the user side.

Add Laptop: This page enables admin to add the laptop and its specifications that displays on the user side.

Add Mobile: This page enables admin to add the mobile and its specifications that displays on the user side.

Add Pen drive: This page enables admin to add the pen drive and its specifications that displays on the user side.

5.2.2 Admin Login

Admin login consists of the following attributes.

- Id
- Username
- Password

This entity has the main responsibility to view and add the product information in the admin entity. A new admin can create an account in this entity.

5.2.3 User Login

User login consists of the following attributes.

- Username
- Phone number
- Password

This entity has the main responsibility to view the product information in the user entity. A new user can create an account to continue the shopping.

5.2.4 User Cart

The user cart consists of the attributes like

- Cart_id
- Name
- Image
- Price

By using these attributes, the user adds the product into the cart. Once all done all the data will store in this entity for the further process.

5.3 Pseudo Coding

Let us see sample coding displayed here. As we cannot give the full coding here, we will see about

Home.php

```
<?php
session_start();
if($_SESSION["user"]=="")
{   ?>
<script type="text/javascript">
window.location = "user_login.php";
</script>
<?php  }
include "connection.php";  ?>
<!DOCTYPE html>
<html lang="en">
<head>
<title>Air Shopping</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1">
<!--pagination css-->
<link href="pagination/css/pagination.css" rel="stylesheet" type="text/css">
<link href="pagination/css/A_green.css" rel="stylesheet" type="text/css">
</head>
<body class="animsition">
<!-- Header -->
<header>
<!-- Header desktop -->
<?php include "header_desktop.php";?>
<!-- Header Mobile -->
<?php include "header_mobile.php";?>

<!-- Menu Mobile -->
<?php include "menu_mobile.php";?
<!-- Modal Search -->
<?php include "mobile_search.php";?>
</header>
<!-- Cart -->
<?php include "demo_cart.php";?>
<!-- Slider -->
<section class="section-slide">
<div class="wrap-slick1">
<div class="slick1">
<div class="item-slick1" style="background-image: url(images/slide/slide-01.jpg);">
<div class="container h-full">
<div class="flex-col-l-m h-full p-t-100 p-b-30 respon5">
<div class="layer-slick1 animated visible-false" data-appear="fadeInDown" data-delay="0">
<span class="ltext-101 cl2 respon2">Don't miss Out!</span></div>
<div class="layer-slick1 animated visible-false" data-appear="fadeInUp" data-delay="800">
```

```
<h2 class="ltext-201 cl2 p-t-19 p-b-43 respon1">Discounts on HeadPhones</h2></div><div
class="layer-slick1 animated visible-false" data-appear="zoomIn" data-delay="1600">
<a href="product.html" class="flex-c-m trans-04">Shop Now</a>
</div> </div> </div> </div>
<div class="item-slick1" style="background-image: url(images/slide/slide-02.jpg);">
<div class="container h-full">
<div class="flex-col-l-m h-full p-t-100 p-b-30 respon5">
<div class="layer-slick1 animated visible-false" data-appear="rollIn" data-delay="0">
<span class="ltext-101 cl2 respon2">Introducing the new</span>
</div>
<div class="layer-slick1 animated visible-false" data-appear="lightSpeedIn" data-delay="800">
<h2 class="ltext-201 cl2 p-t-19 p-b-43 respon1">
Smart Phone & Laptops
</h2></div>
<div class="layer-slick1 animated visible-false" data-appear="slideInUp" data-delay="1600">
<a href="product.html" class="flex-c-m stext-101 cl0 size-101 bg1 bor1 hov-btn1 p-lr-15 trans-
04">Shop Now</a></div>
</div></div></div>
<div class="item-slick1" style="background-image: url(images/slide/slide-03.jpg);">
<div class="container h-full">
<div class="flex-col-l-m h-full p-t-100 p-b-30 respon5">
<div class="layer-slick1 animated visible-false" data-appear="rotateInDownLeft" data-delay="0">
<span class="ltext-101 cl2 respon2">Huge Discounts on </span>
</div> <div class="layer-slick1 animated visible-false" data-appear="rotateInUpRight" data-
delay="800">
<h2 class="ltext-201 cl2 p-t-19 p-b-43 respon1">
Camera & PenDrive
</h2>
</div><div class="layer-slick1 animated visible-false" data-appear="rotateIn" data-delay="1600">
<a href="product.html" class="flex-c-m stext-101 cl0 size-101 bg1 bor1 hov-btn1 p-lr-15 trans-
04">Shop Now</a>
</div></div></div></div></div></div>
</section>
<!-- Banner -->
<?php
#include "banner.php";?>
<!-- Product -->
<section class="bg0 p-t-23 p-b-140">
<div class="container">
<div class="p-b-10">
<button class="stext-106 cl6 hov1 bor3 -32 m-tb-5 active1" data-filter="*">All Products</button>
<button class="stext-106 cl6 hov1 bor3 trans-04 m-r-32 m-tb-5" data-filter=“. amera">
Cameras</button>
<button class="stext-106 cl6 hov1 bor3 trans-04 m-r-32 m-tb-5" data-
filter=".headphone">HeadPhones</button>
<button class="stext-106 cl6 hov1 bor3 trans-04 m-r-32 m-tb-5" data-filter=".laptop">
Laptops
</button>
<button class="stext-106 cl6 bor3  m-r-32 m-tb-5" data-filter=".mobile">Mobiles</button>
<button class="stext-106 cl6 bor3  m-r-32 m-tb-5" data-filter=".pendrive">PenDrives</button>
```

```
</div>
<div class="flex-c-m stext-106 cl6 size-105 r4 pointer hov-btn3 trans-04 m-tb-4 js-show-search">
<i class="icon-search cl2 m-r-6 fs-15 trans-04 zmdi zmdi-search" name="search" ></i>
<i class="icon-close-search cl2 m trans-04 zmdi zmdi-close dis-none"></i>Search</div></div>
<!-- Search product -->
<?php #include "filter.php";?>
<div class="row isotope-grid">
<?php
include("pagination/function.php");
$page=(int) (!isset($_GET["page"]) ? 1 : $_GET["page"]);
$limit = 10;
$startpoint = ($page * $limit)-$limit;
$statement = "add_camera";
$res = mysqli_query($link,"select * from {$statement} LIMIT {$startpoint} , {$limit}");
while($row=mysqli_fetch_array($res))
{   ?>
<!--1 start-->
<div class="col-sm-6 col-md-4 col-lg-3 p-b-35 isotope-item camera">
<!-- Block2 -->
<div class="block2">
<div class="block2-pic hov-img0">
<img src="../Air_Admin/<?php echo $row['img1'];?>" alt="IMG-PRODUCT">
<a href="product_detail_c.php?c_id=<?php echo $row['c_id'];?>" class="block2-btn flex-c-m
stext-103 cl2 size-102 bg0 bor2 hov-btn1 p-lr-15 trans-04 ">
Quick View</a></div>
<div class="block2-txt flex-w flex-t p-t-14">
<div class="block2-txt-child1 flex-col-l ">
<a href="product_detail_c.php?c_id=<?php echo $row['c_id'];?>" class="stext-104 cl4 hov-cl1
trans-04 js-name-b2 p-b-6">
<?php echo $row['brand_name'];?>
</a>
<span class="stext-105 cl3"><div class="fa fa-rupee"></div>
<?php echo $row['price'];?>
</span></div></div></div></div>
<!--1 end-->
<?php
}
$res = mysqli_query($link,"SELECT * FROM `add_headphone`");
while($row=mysqli_fetch_array($res))
{
?>
<!--2 start-->
<div class="col-sm-6 col-md-4 col-lg-3 p-b-35 isotope-item headphone">
<!-- Block2 -->
<div class="block2">
<div class="block2-pic hov-img0">
<img src="../Air_Admin/<?php echo $row['img1'];?>" alt="IMG-PRODUCT">
<a href="product_detail_h.php?h_id=<?php echo $row['h_id'];?>" class="block2-btn flex-c-m
stext-103 cl2 size-102 bg0 bor2 hov-btn1 p-lr-15 trans-04 ">
Quick View</a></div>
```

```
<div class="block2-txt flex-w flex-t p-t-14">
<div class="block2-txt-child1 flex-col-l ">
<a href="product_detail_h.php?h_id=<?php echo $row['h_id'];?>" class="stext-104 cl4 hov-cl1
trans-04 js-name-b2 p-b-6">
<?php echo $row['brand_name'];?>
</a>
<span class="stext-105 cl3"><div class="fa fa-rupee"></div>
<?php echo $row['price'];?>
</span></div></div></div></div>
<!--2 end-->
<?php
}
$res = mysqli_query($link,"SELECT * FROM `add_laptop`");
while($row=mysqli_fetch_array($res))
{
?>
<!--3 start-->
<div class="col-sm-6 col-md-4 col-lg-3 p-b-35 isotope-item laptop">
<!-- Block2 -->
<div class="block2">
<div class="block2-pic hov-img0">
<img src="../Air_Admin/<?php echo $row['img1'];?>" alt="IMG-PRODUCT">
<a href="product_detail_l.php?l_id=<?php echo $row['l_id'];?>" class="block2-btn flex-c-m stext-
103 cl2 size-102 bg0 bor2 hov-btn1 p-lr-15 trans-04 ">Quick View
</a></div>
<div class="block2-txt flex-w flex-t p-t-14">
<div class="block2-txt-child1 flex-col-l "><a href="product_detail_l.php?l_id=<?php echo
$row['l_id'];?>" class="stext-104 cl4 hov-cl1 trans-04 js-name-b2 p-b-6">
<?php echo $row['brand_name'];?>
</a>
<span class="stext-105 cl3"><div class="fa fa-rupee"></div>
<?php echo $row['price'];?>
</span></div></div>  </div></div>
<!--3 end-->
<?php
}
$res = mysqli_query($link,"SELECT * FROM `add_mobile`");
while($row=mysqli_fetch_array($res))
{
?>
<!--4 start-->
<div class="col-sm-6 col-md-4 col-lg-3 p-b-35 isotope-item mobile">
<!-- Block2 -->
<div class="block2">
<div class="block2-pic hov-img0">
<img src="../Air_Admin/<?php echo $row['img1'];?>" alt="IMG-PRODUCT">
<a href="product_detail_m.php?m_id=<?php echo $row['m_id'];?>" class="block2-btn flex-c-m
stext-103 cl2 size-102 bg0 bor2 hov-btn1 p-lr-15 trans-04 ">Quick View</a></div>
<div class="block2-txt flex-w flex-t p-t-14">
<div class="block2-txt-child1 flex-col-l ">
```

```
<a href="product_detail_m.php?m_id=<?php echo $row['m_id'];?>" class="stext-104 cl4 hov-cl1
trans-04 js-name-b2 p-b-6">
<?php echo $row['brand_name'];?>
</a>
<span class="stext-105 cl3"><div class="fa fa-rupee"></div>
<?php echo $row['price'];?>
</span></div></div></div></div>
<!--4 end-->
<?php
}
$res = mysqli_query($link,"SELECT * FROM `add_pendrive`");
while($row=mysqli_fetch_array($res))
{
?>
<!--5 start-->
<div class="col-sm-6 col-md-4 col-lg-3 p-b-35 isotope-item pendrive">
<!-- Block2 -->
<div class="block2">
<div class="block2-pic hov-img0">
<img src="../Air_Admin/<?php echo $row['img1'];?>" alt="IMG-PRODUCT" >
<a href="product_detail_p.php?p_id=<?php echo $row['p_id'];?>" >Quick View</a></div>
<div class="block2-txt flex-w flex-t p-t-14">
<div class="block2-txt-child1 flex-col-l ">
<a href="product_detail_p.php?p_id=<?php echo $row['p_id'];?>" class="stext-104 cl4 hov-cl1
trans-04 js-name-b2 p-b-6">
<?php echo $row['brand_name'];?>
</a>
<span class="stext-105 cl3"><div class="fa fa-rupee"></div>
<?php echo $row['price'];?>
</span></div></div></div></div>
<?php
}

if(isset($_POST['search-product']))
{
$sea =  $_POST['search-product'];
$real = mysqli_real_escape_string($link,$sea);
$search = mysqli_query($link,"SELECT * FROM `add_camera` WHERE `brand_name` LIKE
'%$real%' ");
while($row = mysqli_fetch_array($search))
{
echo $row['brand_name']."<br>";
}
}
?> </div>
<!-- Pagination -->
<div class="flex-c-m flex-w w-full p-t-38">
<?php
echo pagination($statement,$limit,$page);
?>
```

```
</div></div>
</section>
<!-- Back to top -->
<?php include "back_to_top.php";?><!-- Modal1 -->
<?php include "modall.php";?>
<script src="vendor/jquery/jquery-3.2.1.min.js"></script>
<script src="vendor/animsition/js/animsition.min.js"></script>
<script src="vendor/bootstrap/js/popper.js"></script>
<script src="vendor/bootstrap/js/bootstrap.min.js"></script>
<script src="vendor/select2/select2.min.js"></script>
<script>
$(".js-select2").each(function(){
$(this).select2({
minimumResultsForSearch: 20,
dropdownParent: $(this).next('.dropDownSelect2')
});
})
$('.parallax100').parallax100();
</script>
<script src="vendor/MagnificPopup/jquery.magnific-popup.min.js"></script>
<script>
$('.gallery-lb').each(function() { // the containers for all your galleries
$(this).magnificPopup({
 delegate: 'a', // the selector for gallery item
 type: 'image',
 gallery: {
 enabled:true
 },
 mainClass: 'mfp-fade'
   });
});
</script>
<script src="vendor/perfect-scrollbar/perfect-scrollbar.min.js"></script>
<script>
$('.js-pscroll').each(function(){
$(this).css('position','relative');
$(this).css('overflow','hidden');
var ps = new PerfectScrollbar(this, {
wheelSpeed: 1,
scrollingThreshold: 1000,
wheelPropagation: false,
});
$(window).on('resize', function(){
ps.update();
})
});
</script>
<script src="js/main.js"></script>
</body>
</html>
```

CHAPTER 6

RESULTS AND DISCUSSION

The results are verified by observing the input and output. Following are the screenshots of the Online Shopping System.

Admin login page

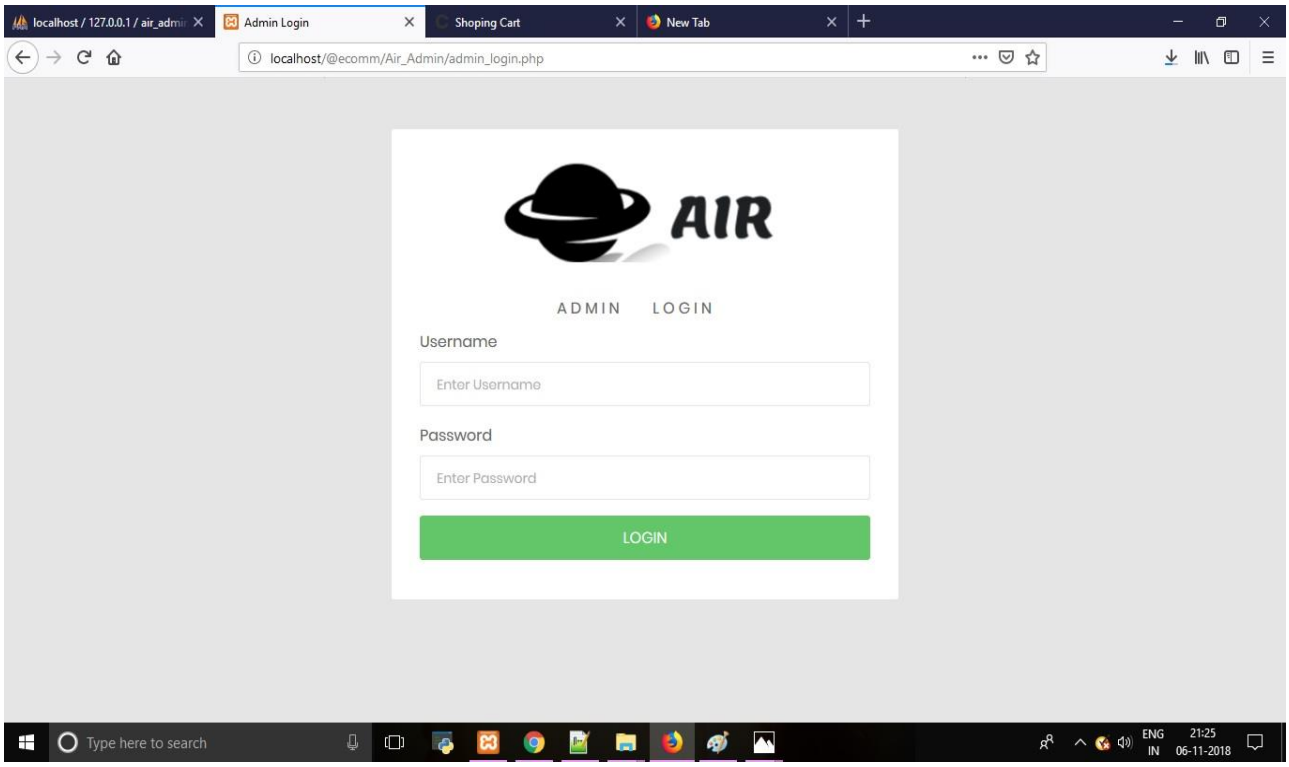

Figure 6.1 Admin login page screenshot

Admin part in so important part of the system and he take cares all the part the shopping system. When the system developed an admin created and using the admin username and password he can log in to the system.

Admin home page

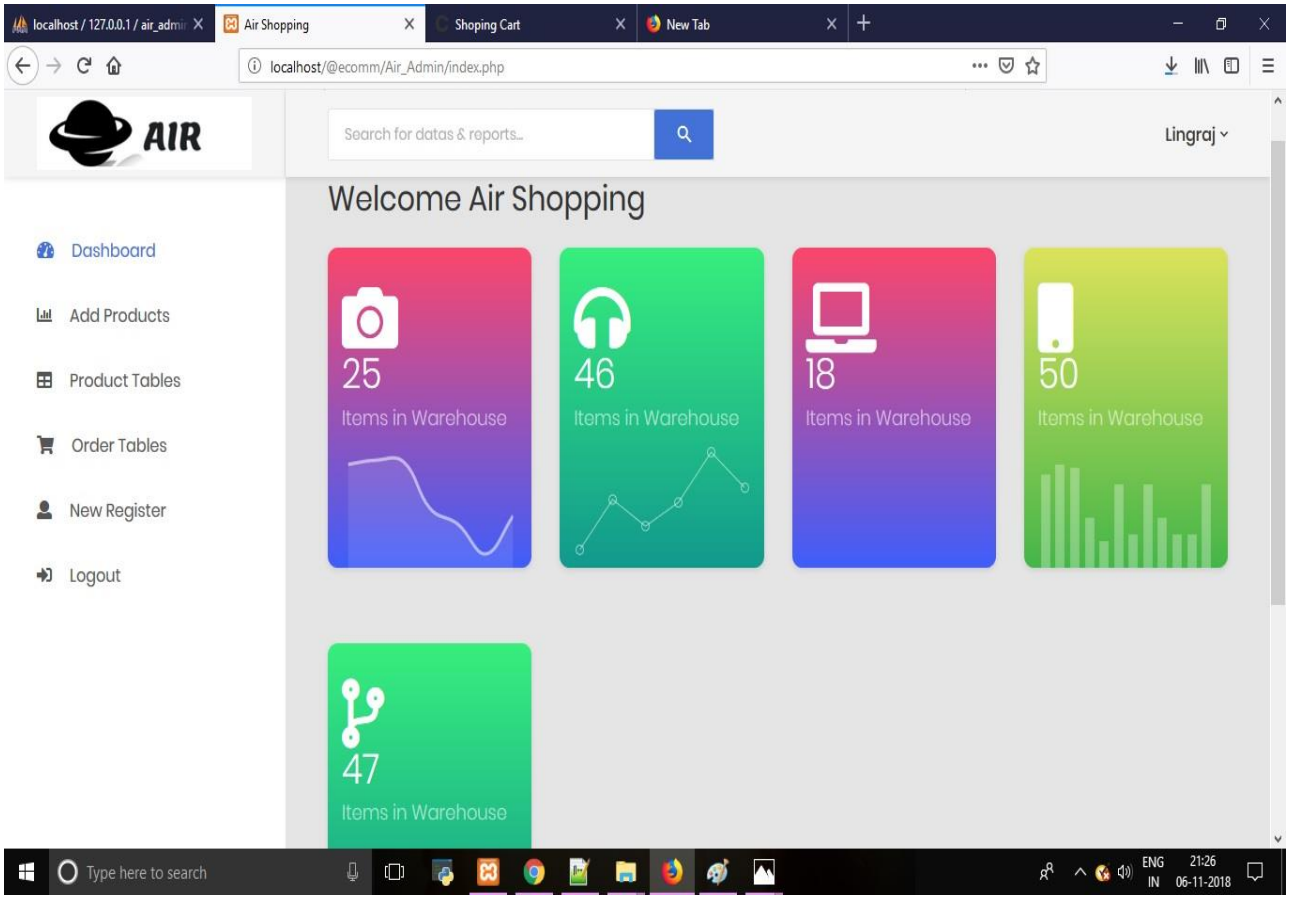

Figure 6.2 Admin homepage screenshot

Admin will get a different menu in his panel after login with valid username and password. The menu admin will get are a dashboard, under dashboard will get submenu Add Product, Product tables, Order Tables and New Register.

Add product page

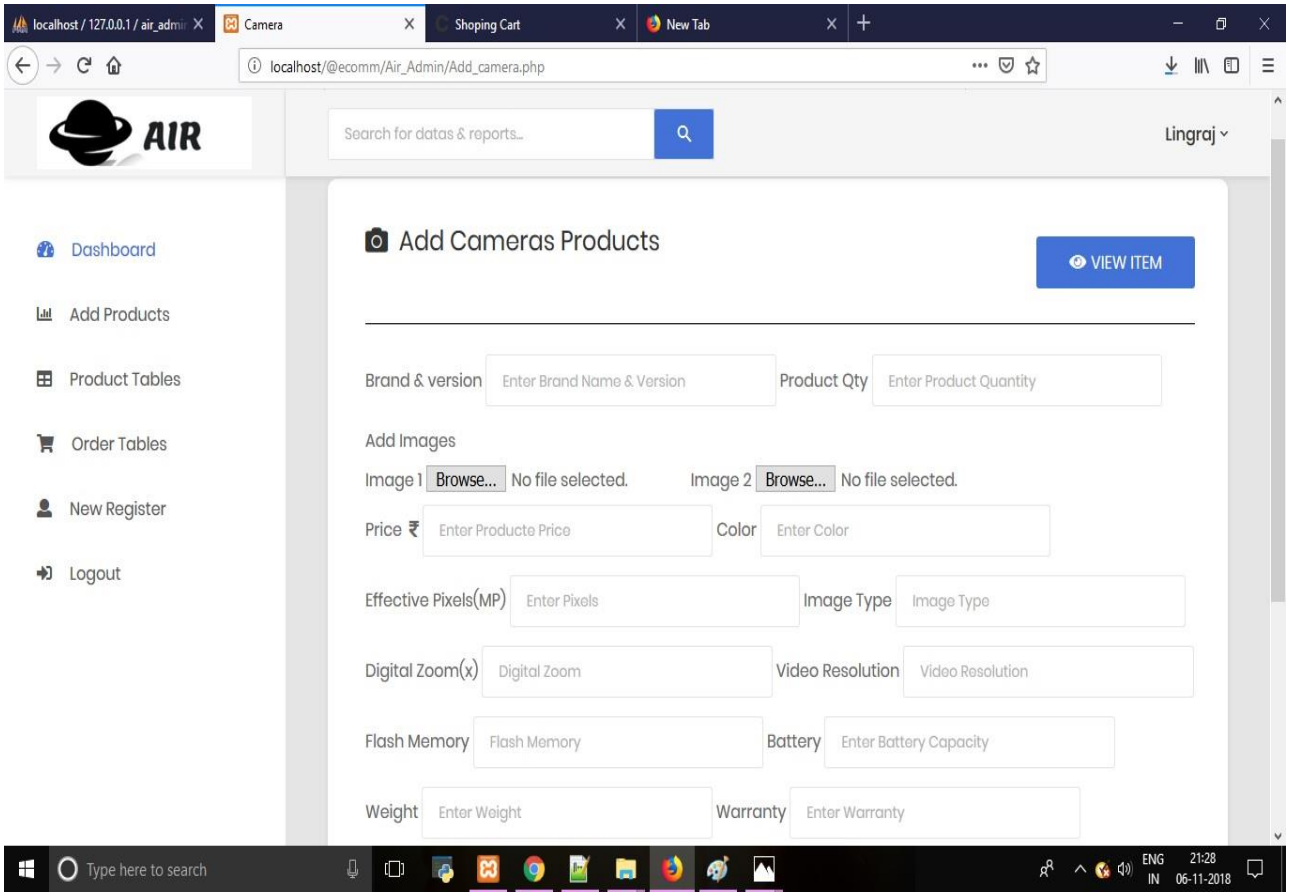

Figure 6.3 Add product screenshot

From the admin panel, admin can select to Add Product that will show in the home page. The admin selects the different category based on product type.

Display Product

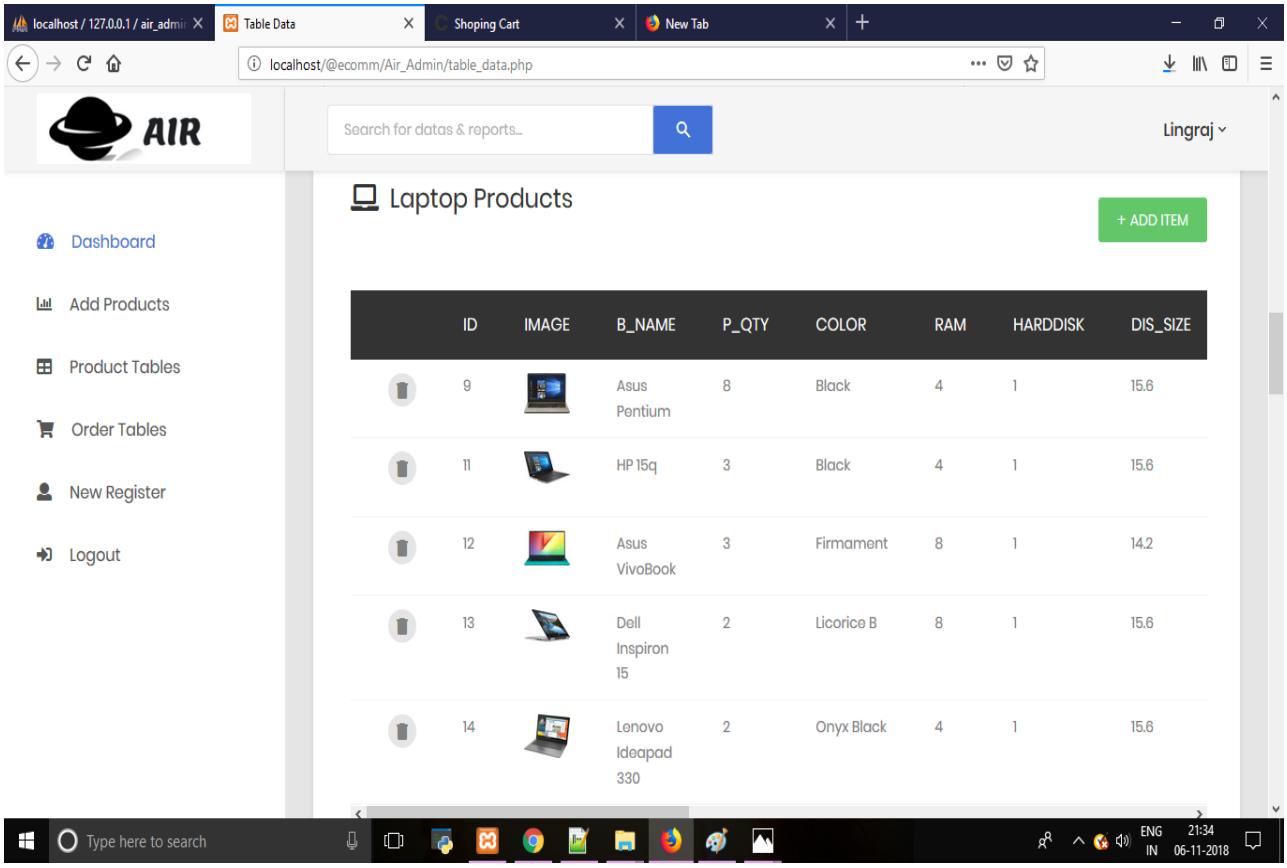

Figure 6.4 Display product Screenshot

In this panel, admin can view the product with product-id, image, brand name, and many other details and also he can delete the product.

Display Ordered Product

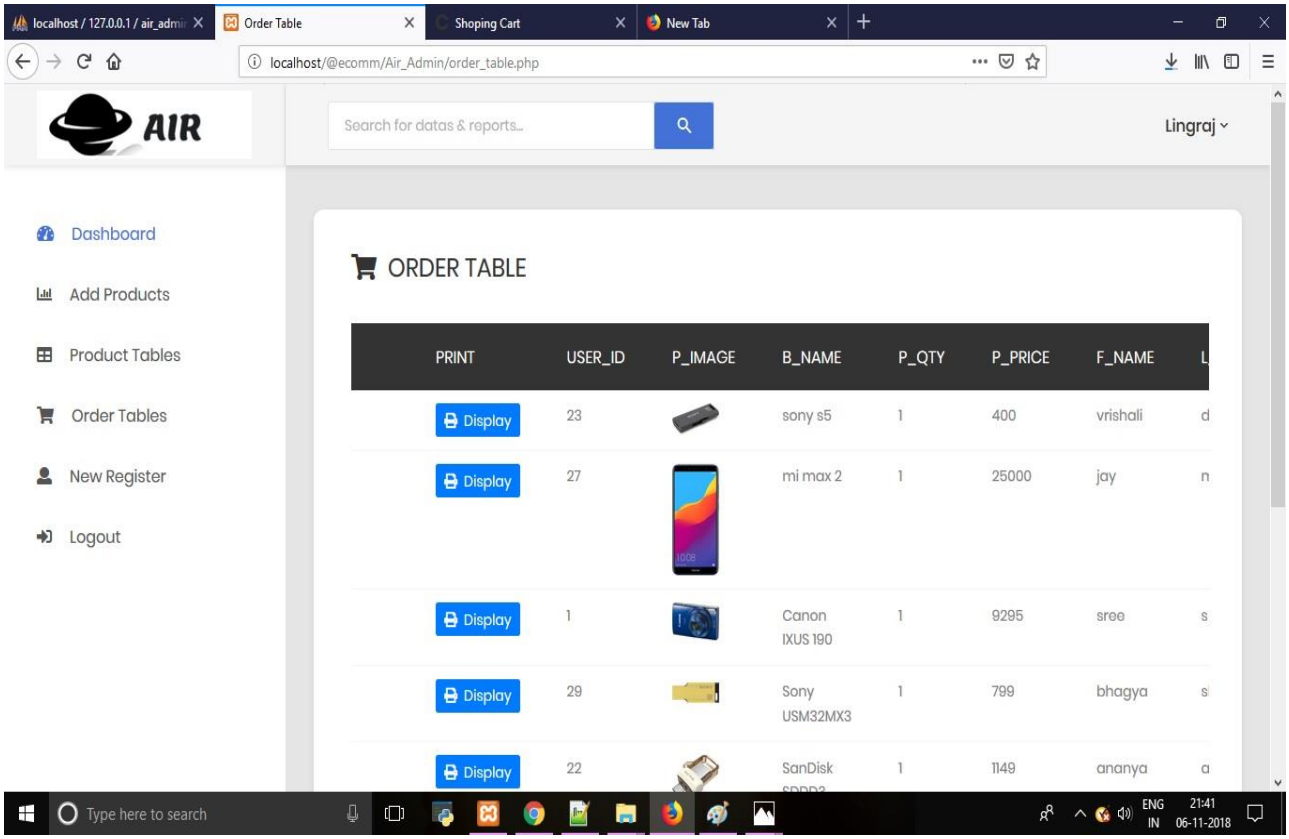

Figure 6.5 Display product Screenshot

In this panel, admin can view the product that is ordered by the users and also he can generate the invoice for the product requested by the user.

Invoice of the Product

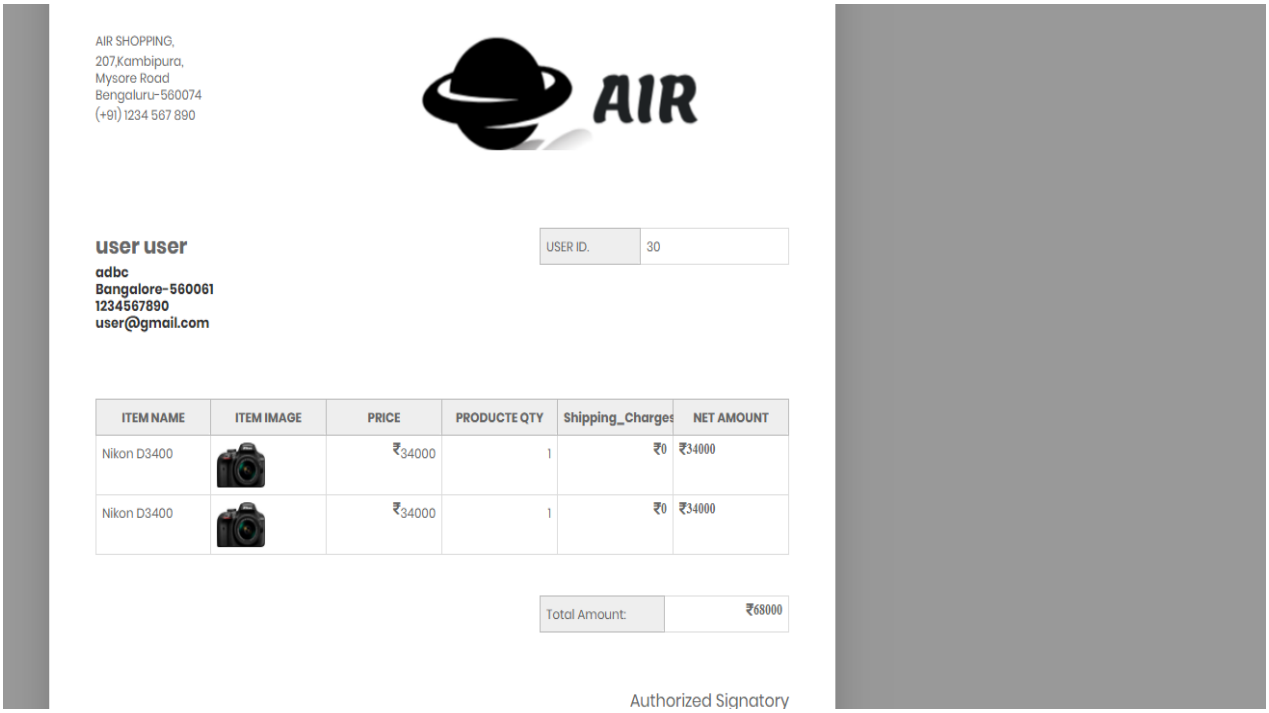

Figure 6.6 Product Invoice Screenshot

This page enables the admin to view the details of user and the ordered product along with their price, taxes and total amount. It includes user name, address, phone number, and email address to deliver the product for this user.

User login page:

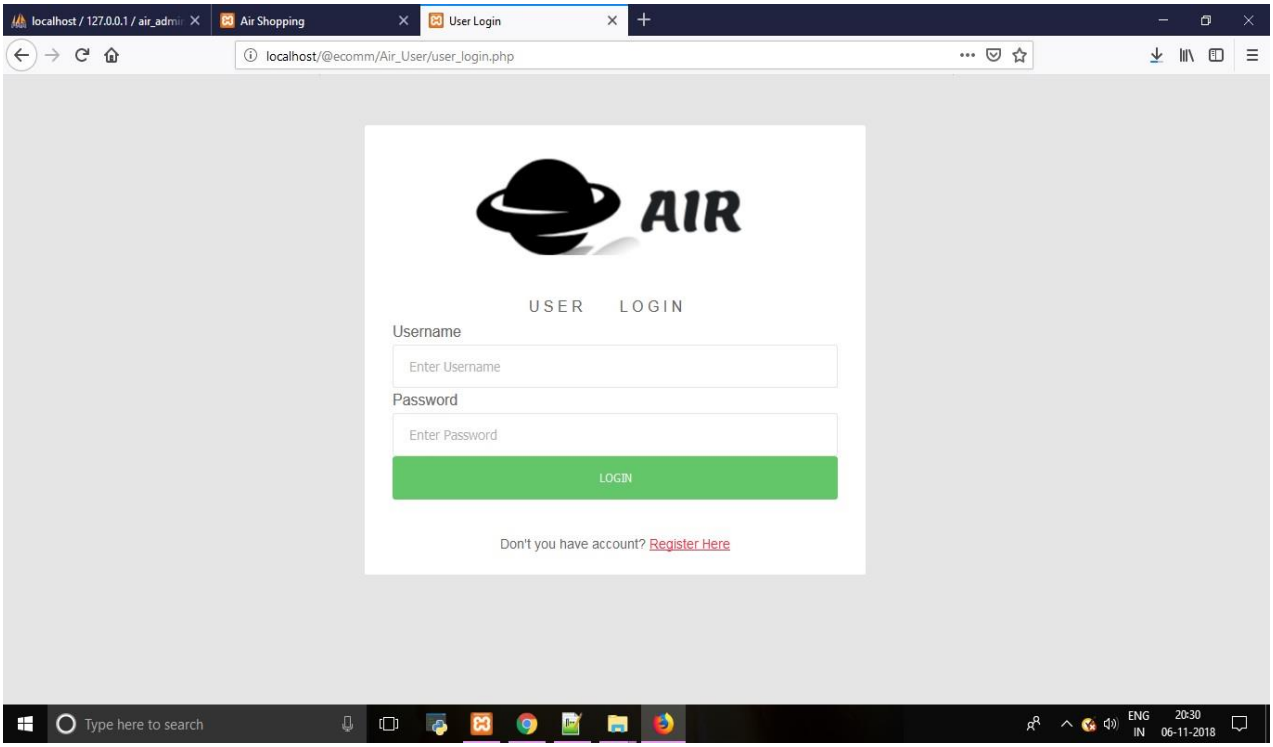

Figure 6.7 User Login Page Screenshot

The customer has to log in before adding a product in the cart. In this page, existing customer can log in to buy the product and a new user can create an account for buying the product.

User homepage:

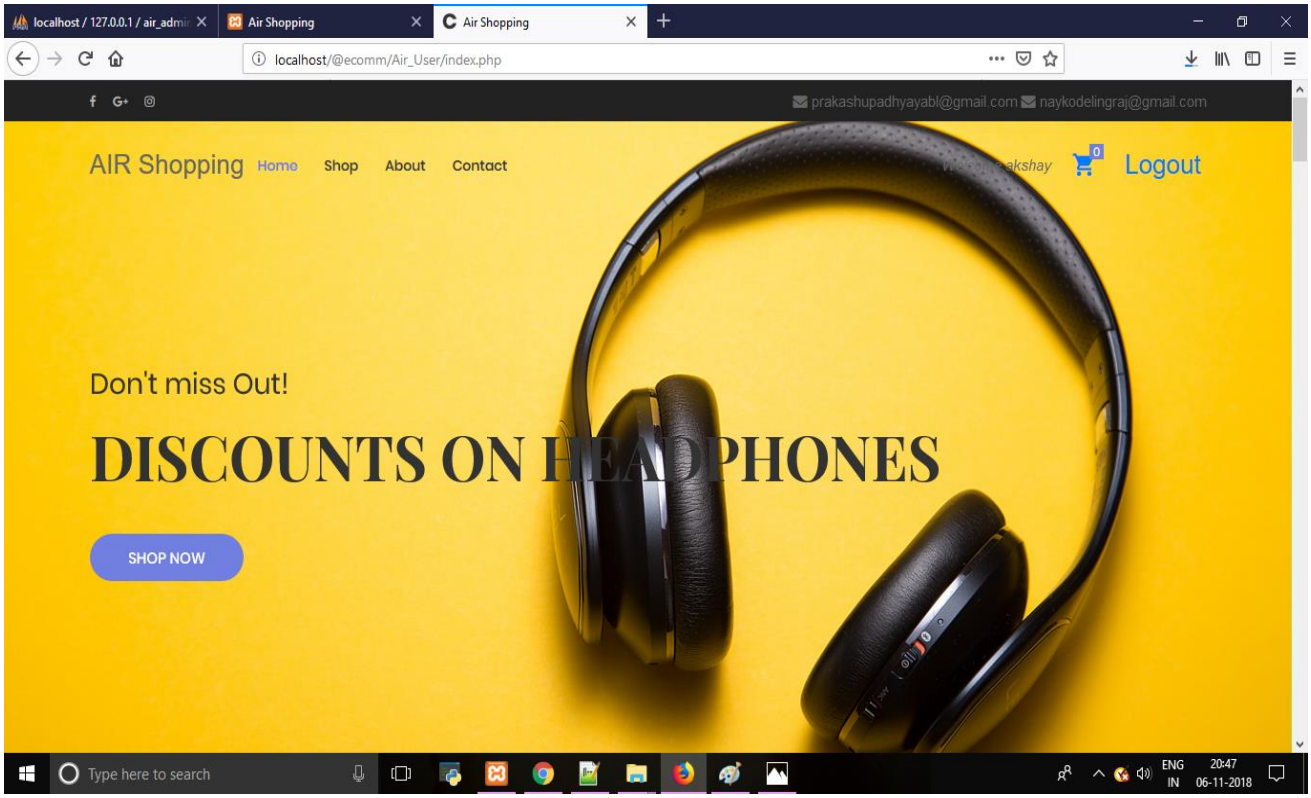

Figure 6.8 User homepage screenshot

User operation module is designed for users to register and sign in, after user sign in, he can click view cart to check the goods he selected. As this is a very important module, users should very easy to find it, so it is designed on the top of each webpage.

User homepage with products

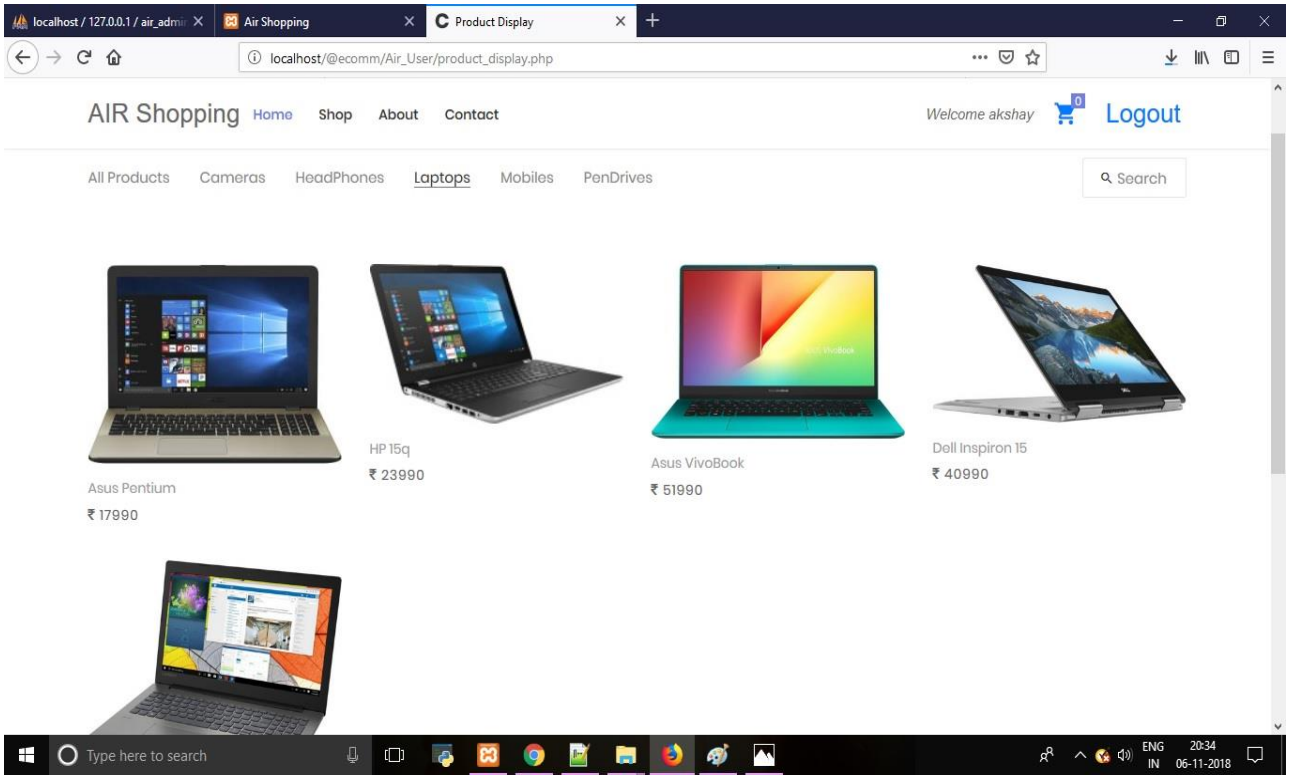

Figure 6.9 User home page products screenshot

To buy a product the customer has to add the product to cart. Also, the customer can view the product details, as well as large view by putting the cursor over the product image

The details of the selected product

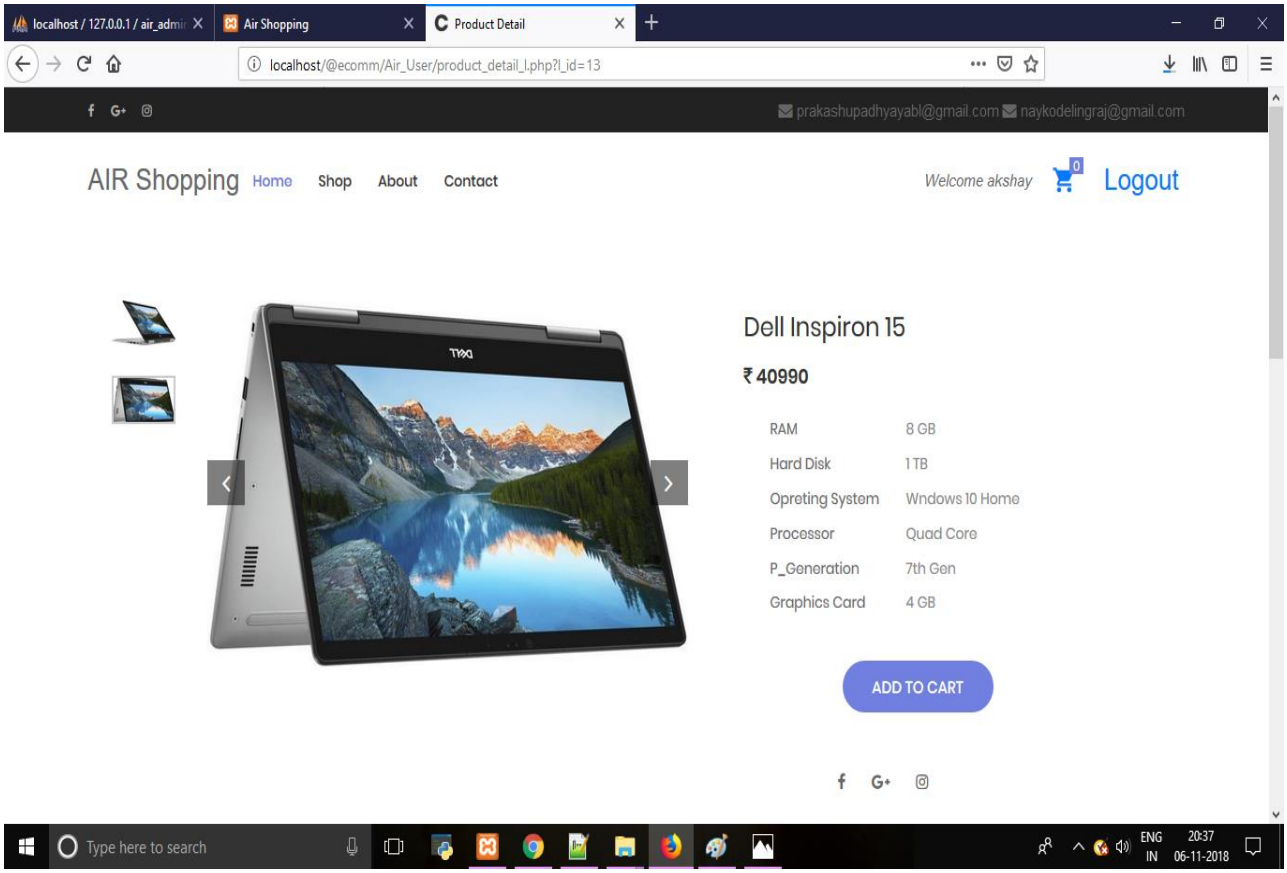

Figure 6.10 Details of the selected product

User to buy a product, he has to add the product to cart. Also, the customer can view the product details, as well as a large view of different images related to that product by clicking on another product image.

User product cart page

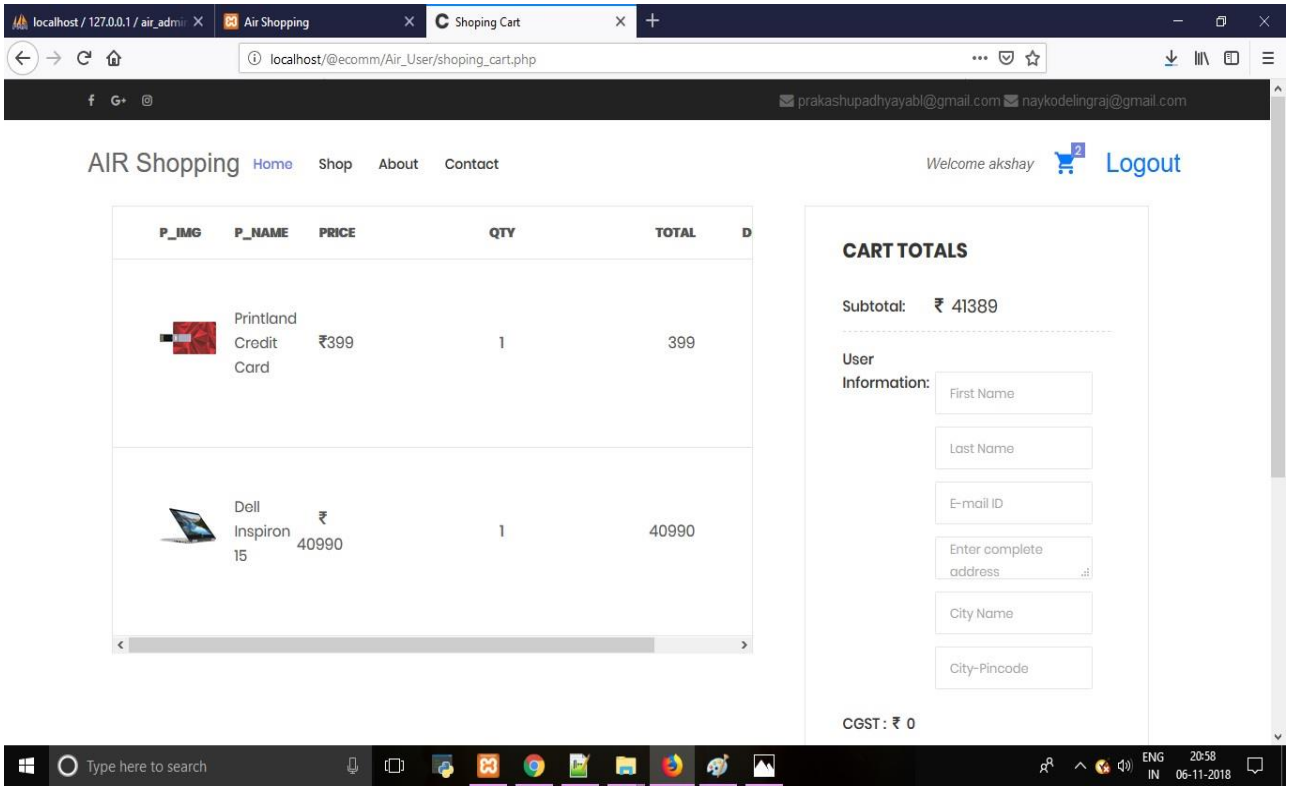

Figure 6.11 User product cart screenshot

From the customer panel before adding shipping information he can see the product details, also have to add Shipping information. The above figure shows Final Checkout and Add Shipping Information method.

CONCLUSION

An online shop for electronics devices was developed using PHP, MySQL, HTML5 and CSS3 technologies. Any user can browse products, add, update or delete products from the cart. To be able to make a payment, the user needs to log in, so he needs to sign up first these data are saved in the MySQL database.

After logs in successfully, the user has access to own account where own information can be updated, see own orders and payments. To be able to deliver the product, the user needs to enter his/her personal details as well as email address and address.

After making the payment for checkout, the user will receive a confirmation message about his/her purchase. The orders and payment are stored also in a MySQL database. This helps to generate the bill for that product. Everything was done successfully based on requirements.

FUTURE WORK

For future work, administrators have to be divided into different groups; maintenance management group who will only maintain the website, products management group who will only edit, update and delete products, Order management group who will only check all the orders and process them, invoice and payment management group who will only manage orders payments and invoices.

Each group will have certain rights based on the needs of each department. The security aspects were not developed in this project. As security in the online shop is also very important and it would need improvements on database securities and server.

REFERENCES

JOURNALS

1. Wang Lin1, Luo Dongying1, Shi Haizhang1, Ding Shembo. “Research on The Evolution Law of The Semantic Web Structure of Online Shopping Reviews” (2017)
2. K. M. Sam1, C. R. Chatwin2 Department of Accounting and Information Management, University of Macau, Macau, China Department of Engineering and Design, University of Sussex, Brighton, United Kingdom. “Evaluating the Effectiveness of Online Product Planning and Layout Tools in Online Apparel Shopping” (2017)
3. ” Ali Sanayei Professor, Head of Management Research Institute, University of Isfahan, Isfahan, Iran “Status of Online Shopping in Present Business Environment (2016)
4. Andreas Bartelt and Jochen Meyer Escherweg 2, D-26121 Oldenburg, Germany “Status and scope of online Shopping: AN Interactive analysis through Literature review” (2016)

BOOKS

1. PHP MySQL website programming problem-design-solution by Chris lea Mike Buzzard, Dileep Thomas, Jessy White-Clines.
2. Beginning Php5, Apache and MySQL Web Development by Elizabeth Naramore.
3. Robin Nixon, “Learning PHP, MySQL &JavaScript with jQuery, CSS and HTML5”, 4thEdition, O’Reilly Publications, 2015.
4. Luke Welling, Laura Thomson, “PHP and MySQL Web Development”, 5th Edition, Pearson Education, 2016.

WEBSITES

https://www.slideshare.net
https://www.codepen.io
https://www.w3schools.com/php