

**A MINOR PROJECT REPORT
ON
'ELECTRONIC HUB'**

**Submitted in partial fulfillment of the requirement for the
Diploma of Engineering in Computer Science & Engineering**

Submitted To



**RAJIV GANDHI
PROUDYOGIKIVISHWAVIDYALAYA,
BHOPAL [M.P.]**

Submitted By:

**Ayush Prajapati [22041M02006]
Yogita Dusane [22041C04071]**

**Under The Guidance Of
Miss. Rachana Sharma**



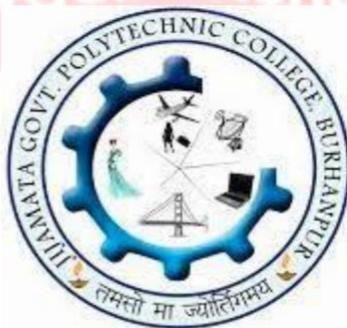
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
JIJAMATA GOVERNMENT POLYTECHNIC COLLEGE,
BURHANPUR (M.P.) SESSION 2023-2024**

**Principal
Dr. Deepak Shah**

**Head of Department
Miss. Rachana Sharma**

JIJAMATA GOVT. POLYTECHNIC COLLEGE, BURHANPUR (M.P.)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



(Session 2023-2024)

CERTIFICATE

This is to certify that **Ayush Prajapati, Yogita Dusane** student of II Year IV semester in **JIJAMATA GOVT. POLYTECHNIC COLLEGE** has completed minor project titled: "**Electronic Hub**", as per the syllabus and has submitted a satisfactory report on this project as a partial fulfillment of diploma in Computer Science & Engineering under Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal.

Project Guided & Head of Department

Miss. Rachana Sharma

Principal

Dr.Deepak Shah

'Electronic Hub'

**JIJAMATA GOVT. POLYTECHNIC
COLLEGE, BURHANPUR (M.P.)**

Department of Computer Science & Engineering



APPROVAL CERTIFICATE

This is certifying Ayush Prajapati , Yogita Dusane II year IV semester Computer Science & Engineering, has completed the Minor project titled:- "**Electronic Hub**", & has submitted satisfactory report on it which is recommended for the award of **Diploma in Session 2023-2024**.

Internal Examiner

External Examiner

ESTD - 1998

Electronic Hub

JIJAMATA GOVT. POLYTECHNIC COLLEGE, BURHANPUR (M.P.)

Department of Computer Science & Engineering



(Session 2023-2024)

DECLARATION

I am **Ayush Prajapati, Yogita Dusane** student of **Diploma** in Computer Science & Engineering under Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal in session 2023-2024, here by informed that the project report entitled "**Electronic Hub**" is the outcome of my own work, is Bonafide and correct to the best of my knowledge and this work has been carried out taking care of engineering ethics. This the authentic record of our work done under the guidance of "**Miss. Rachana Sharma**". This matter reported in this project has not been submitted or reported else where for the award of diploma.

Date: /2024

Burhanpur (M.P.)

**JIJAMATA GOVT. POLYTECHNIC
COLLEGE, BURHANPUR (M.P.)**
Department of Computer Science & Engineering



(Session 2023-2024)

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The successful completion of this seminar is the result of many dedicated effort and this seminar report would be incomplete without giving due credit them. This acknowledgement is but a small token of this help in our endeavor.

First and foremost, I wish to express our deepest gratitude to our incharge.

'Miss. Rachana Sharma,' and I also heartily thankful to HOD "**Miss.Rachana Sharma**" Principal **Dr. Deepak Shah**for their kind cooperation in order to completion of this seminar who inspired & motivated us with her guidance at all times providing us with best facilities and environment for completion of this work. Their keen interest and decision has benefited me to extend that can now be spanned in windows.

Submitted By

Ayush Prajapati [22041M02006]
Yogita Dusane [22041C04071]

Contents

Abstracts

Chapter 1:-INTRODUCTION	2-4
-------------------------------	-----

1.1.Objective

1.2. Scope

1.3. Purpose

Chapter 2:-DESIGN	6-11
-------------------------	------

2.1. Data flow diagram

2.2. Activity diagram from (Admin)

2.3. Activity diagram from (User)

Chapter 3:- MINIMUM HARDWARE & SOFTWARE REQUIREMENT.....	13
--	----

3.1. Minimum Hardware Requirement

3.2. Minimum Software Requirement

Chapter4:- IMPLEMENTATION & REQUIREMENT	15
---	----

4.1. Front-end.

4.1.1. HTML

4.1.2. CSS

4.1.3. JAVASCRIPT

4.2. Back-end.

4.2.1. PHP

Chapter 5:-Testing	17
--------------------------	----

5.1. Testing Objectives &Testing Principles

5.2. White-box Testing

5.3. Black-box Testing

5.3.1. Unit testing

5.3.2. Integration testing

5.3.3. System testing..

Chapter 6:-Layout	18-40
-------------------------	-------

6.1 Snapshot

6.2Front-end coding..

Chapter 7:- APPLICATION	41
-------------------------------	----

7.1. Advantage.

7.2. Limitation..

Chapter 8:-CONCLUSION	42
-----------------------------	----

8.1. Future scope

8.2. Conclusion

Chapter 9:- REFERENCE	43
-----------------------------	----

9.1. Reference

ABSTRACT

This project focuses on creating an electronic hub e-commerce website that makes shopping easier and more efficient for both customers and store owners. Unlike physical stores where finding products can be time-consuming, this online platform lets users browse and buy everything in one place, anytime they want. It solves issues like products being out of stock and keeps everything organized. The website also tracks all purchases and sales automatically, which helps store owners manage their inventory without much effort. In short, the electronic hub is a modern solution that improves the shopping experience and simplifies store management.



CHAPTER -1

INTRODUCTION

1.1 INTRODUCTION :-

Welcome to Electronic Hub, your go-to online marketplace for all electronic products. Our e-commerce platform offers a wide range of categories, from smartphones and laptops to home entertainment systems and smart home devices. With user-friendly navigation, detailed product descriptions, and customer reviews, we make it easy for you to find and purchase the latest electronics at competitive prices. Experience seamless shopping and excellent customer service at Electronic Hub, where technology meets convenience.

a) Product Categories:-

Smartphones and Accessories: Discover the newest smartphones, along with essential accessories such as cases, chargers, and screen protectors.

Laptops and Computers: Browse our selection of high-performance laptops, desktops, and peripherals including keyboards, mice, and monitors.

Home Entertainment: Upgrade your entertainment setup with our range of smart TVs, sound systems, gaming consoles, and streaming devices.

Smart Home Devices: Explore our smart home products, including smart speakers, lighting, security systems, and thermostats.

Wearables and Gadgets: Find the latest smartwatches, fitness trackers, and innovative gadgets to enhance your lifestyle.

b) Key Features:-

User-Friendly Interface: Our website is designed for easy navigation, allowing you to effortlessly browse categories, filter products, and compare options.

Detailed Product Descriptions: Get comprehensive information about each product, including specifications, features, and high-quality images.

Customer Reviews: Read reviews from other customers to make informed purchasing decisions based on real user experiences.

Competitive Pricing: Enjoy great deals and discounts on top brands, ensuring you get the best value for your money.

Secure Shopping: Shop with confidence knowing that our platform is equipped with the latest security measures to protect your personal and payment information.

Excellent Customer Service: Our dedicated support team is always ready to assist you with any queries or issues, ensuring a smooth shopping experience.

At Electronic Hub, we are committed to bringing you the best in electronics, combined with exceptional service and convenience. Join us and explore the world of technology at your fingertips. Whether you're a tech enthusiast or just looking for the perfect electronic gift, Electronic Hub has you covered.

1.2 SCOPE :- As Electronic Hub grows, we are going to enhancing our platform with new features for an improved shopping experience.

- **Credit/Debit Cards:** Secure transactions with major cards.
- **Real-Time Tracking:** Track orders in real-time from dispatch to delivery.
- **Notifications:** Automated SMS and email updates about order status.
- **Integrated Mapping:** View delivery vehicle location on a map.
- **Delivery Preferences:** Specify safe drop locations and preferred delivery times.
- **Feedback System:** Rate and review delivery experiences for continuous improvement.

These enhancements will provide more payment flexibility and reliable delivery tracking, ensuring a seamless and satisfying shopping experience at Electronic Hub.

1.3 PURPOSE :-

1. Electronic Hub is designed to provide a user-friendly environment, ensuring easy navigation and a seamless shopping experience.
2. Users can search and purchase products according to their specific needs, making the shopping experience personalized and efficient.
3. The option of home delivery enhances customer satisfaction by bringing products directly to their doorsteps.
4. Customers can request and make orders for specific products, catering to their unique preferences and requirements.
5. We offer competitive prices, and discounts to provide the best value for money.
6. Make it simple for customers to shop for electronics from home.
7. Offer a wide range of high-quality electronic products.
8. The option of home delivery enhances customer satisfaction by bringing products directly to their doorsteps.

CHAPTER -2**DESIGN****2.1 ER Diagram:-**

1. The object relationship pair can be graphically represented by a diagram called entityrelationship diagram (ERD). The ERD is manly used in database applications but now it is more commonly used in data design. The ERD was originally proposed by peter chane for design of relational database system. The primary purpose of ERD is to represent the relationship between data objects.

Various components of ERD are:-

A. Entity:-

1. Draw a rectangle.
2. An entity is an object that exists and is distinguishable.
3. Similar to a record in a programming language with attributes.

B. Relationship:-

1. Draw a diamond.
2. An association among several entities.
3. Relationship may have attributes.
4. Relationships have cardinality (e.g. one to one, one to many, many to one & many to many).

C. Attributes:-

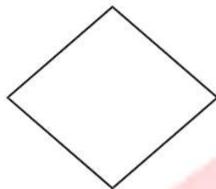
1. Draw an eclipse.
2. Similar to record field in a programming language.
3. Each attribute has a set of permitted values, called the domain.
4. Primary key attributes may be underlined.

ER (Entity-relationship) diagram shows the relationship of all modules of projects, how they connected together. In which the user easily understand the working of project. And also show the individual working of a every module.

In this various symbols is used to show the relationship of ER diagram. Like Entity, Relationship, attribute, derived attribute, one to one mapping, one to many mapping, many to many mapping, key attribute etc.



Entity



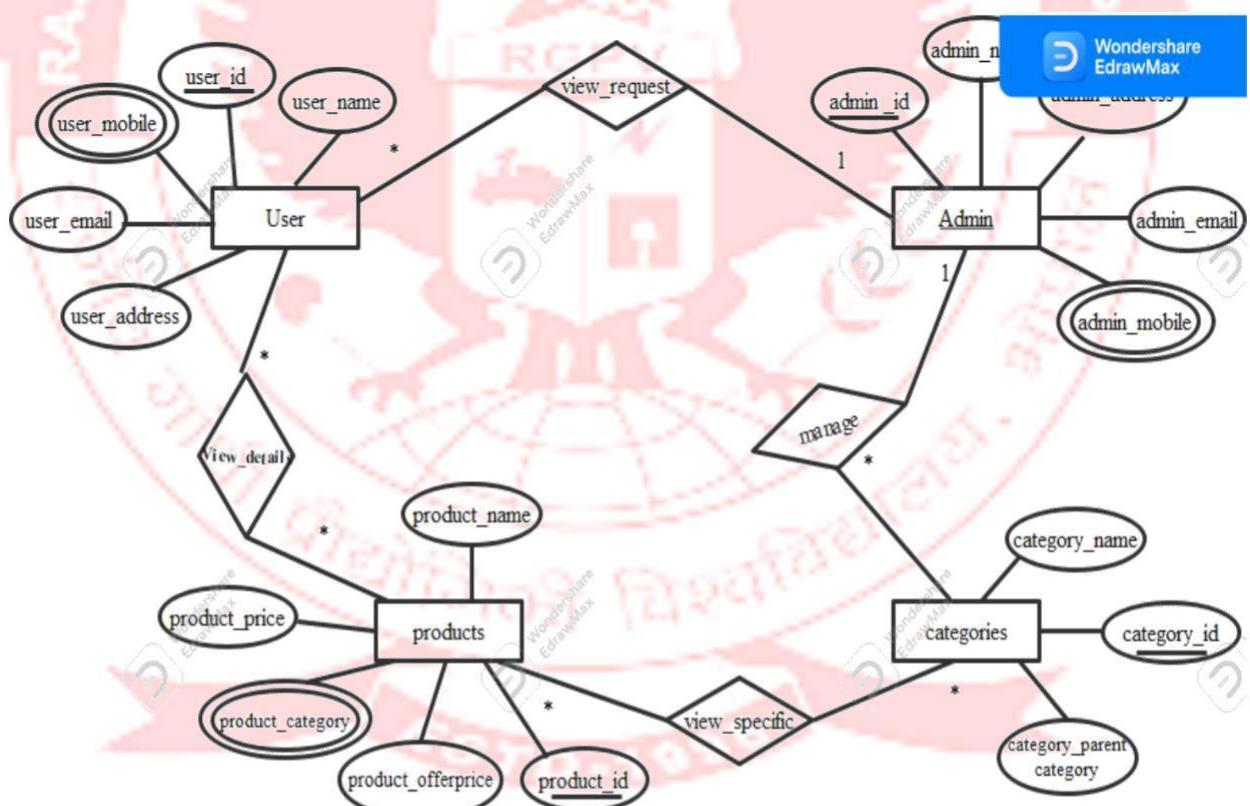
Relationship



Attribute



Derived Attribute



2.2 Data Flow Diagram (DFD):-

1. The data flow diagrams (DFD) depict the information flow and the transforms that are applied on the data as it moves from input to output.
2. The data flow diagrams are used to represent the system at any level of abstraction.
3. The DFD can be partitioned into levels that represent increase in information flow and detailed functionality.

DFD represent the main module of the project & the whole system is represented with the help of input, processing and output.

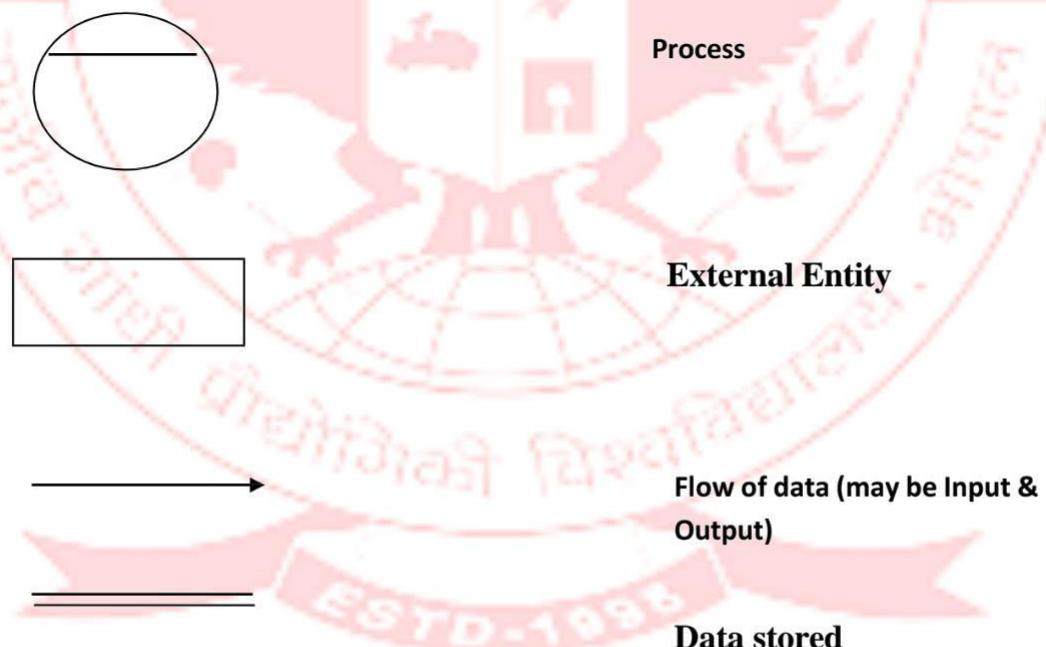
The input can be:-

- Customer login/registration.
- Admin confirm the request.

The system will produce following outputs:-

- Confirmation is done.

The symbols that are used in data flow diagrams are:-



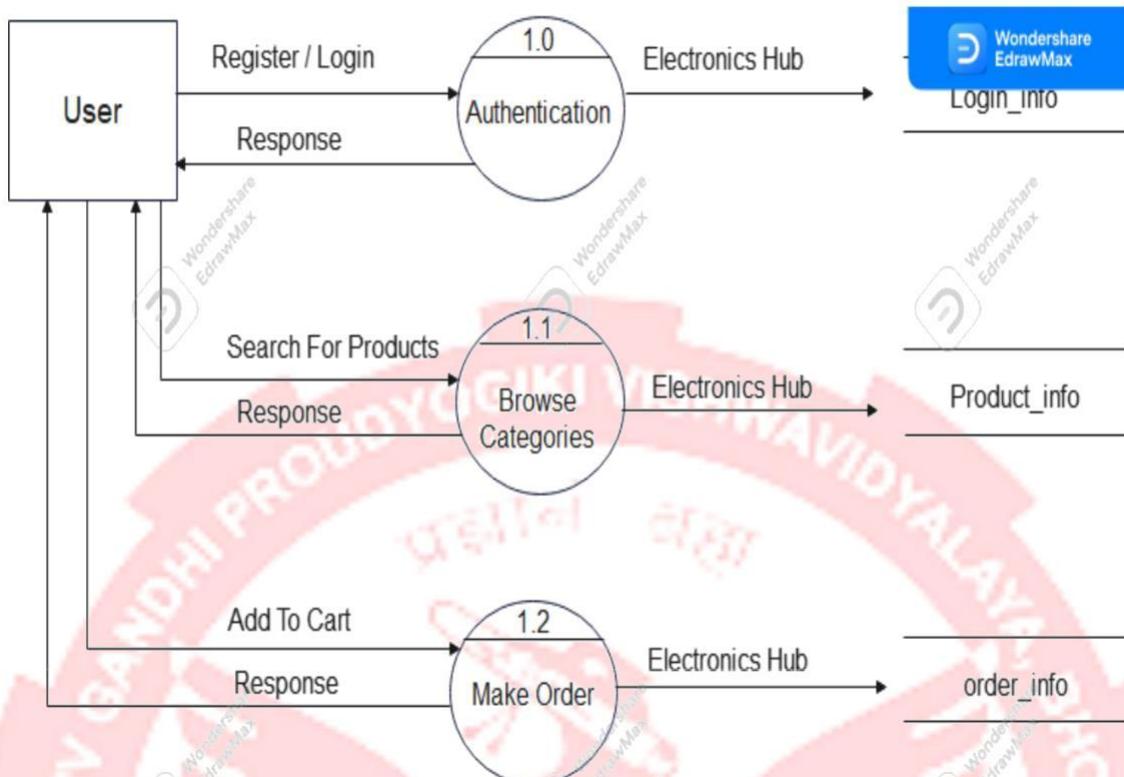


Fig. 2.2

2.3 Activity Diagram :-

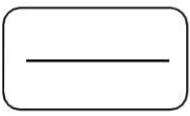
The activity diagram is a graphical representation of representing the flow of interaction within specific scenarios. It is similar to a flowchart in which various activities that can be performed in the system are represented. This diagram must be read from top to bottom.

The symbols that used in activity diagram are:-





Simple state



Composite state

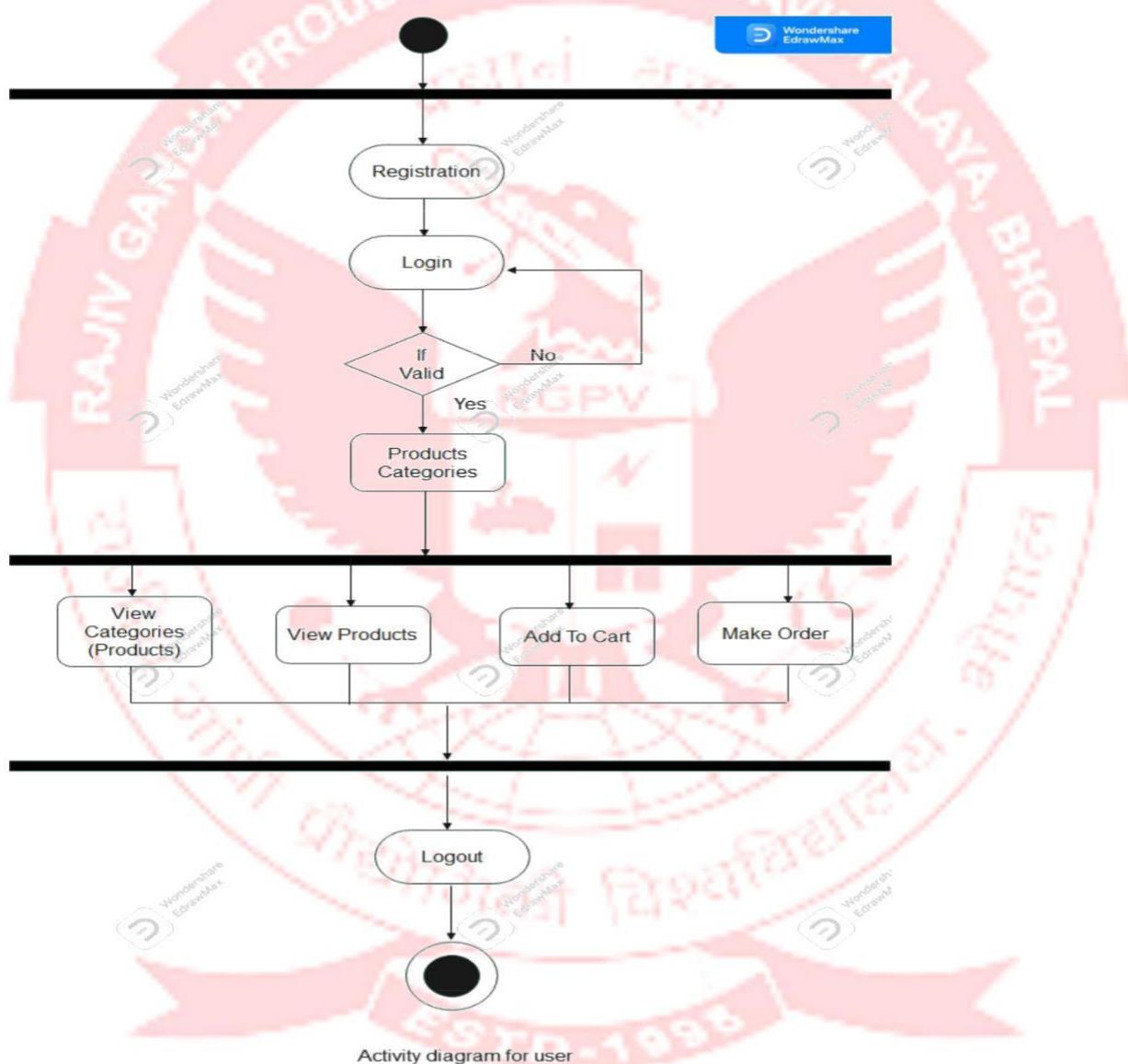


Fig. 2.3

Electronic Hub

Design

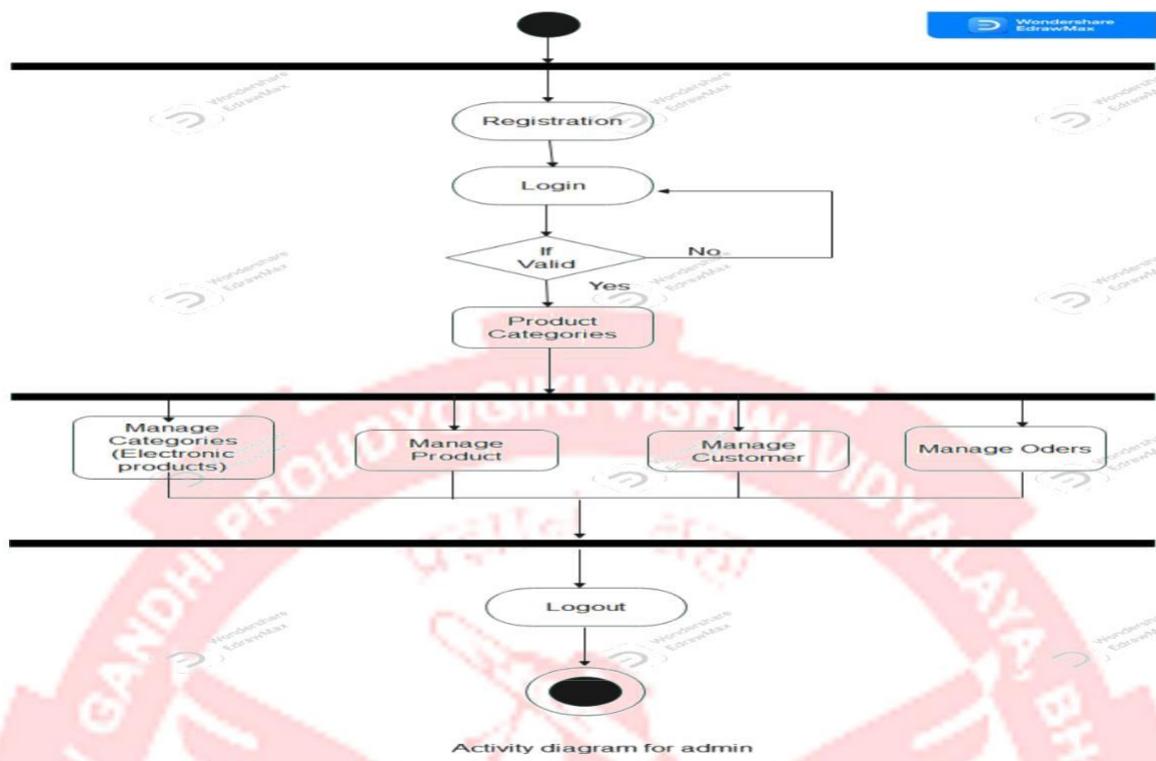


Fig. 2.4

2.5 Flow Chart :- The flowchart diagram represents the workflow or a process.

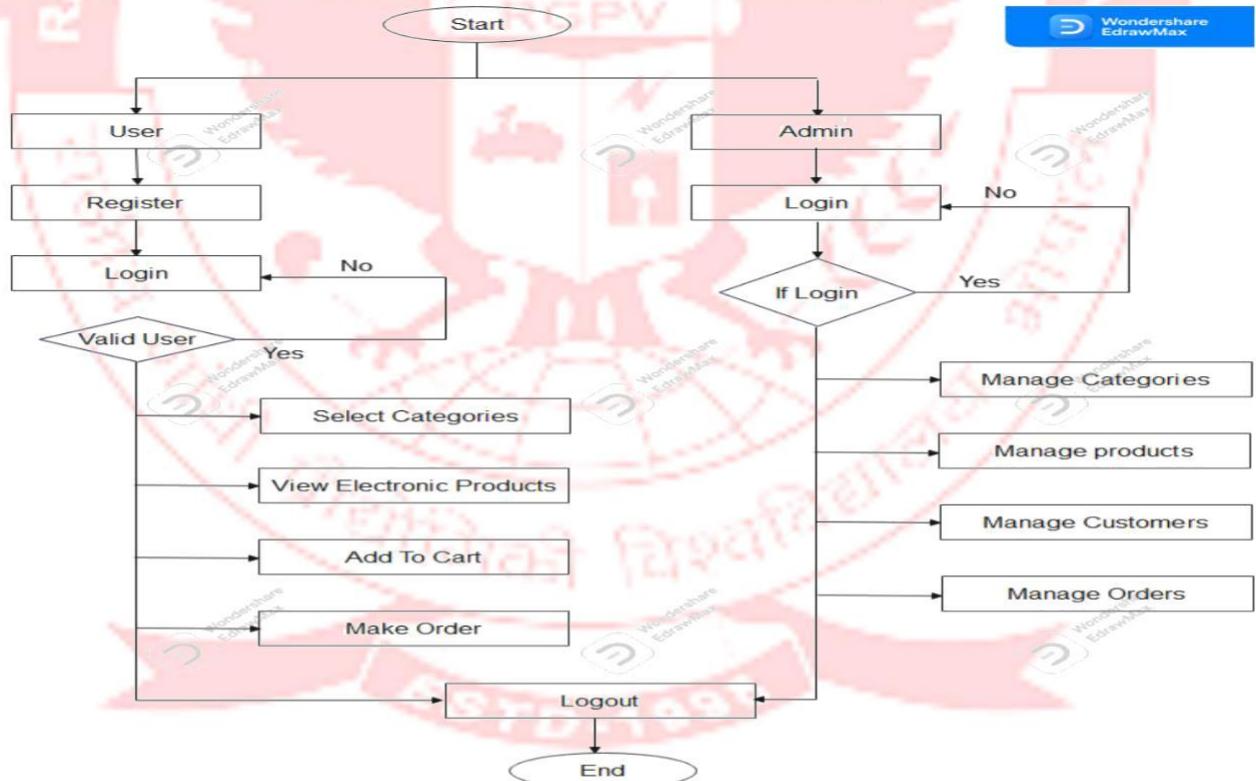


Fig. 2.5

CHAPTER -3

MINIMUM HARDWARE AND SOFTWARE REQUIREMENTS

The system should provide Help option in which how to operate the system should be explained. Also hard copy of this document should be given to the user in a booklet form.

3.1 Minimum Hardware Requirement :-

- 1) Our software is platform independent since it uses PHP Language.
- 2) **Software:** VS Code Editor (VISUAL Studio Code Editor) or any other text editor.
- 3) **Technologies:** HTML, CSS, BOOTSTRAP, JAVASCRIPT, PHP, LARAVEL.
- 4) XAMPP control panel for database.
- 5) **Web browsers:** Mozilla Firefox, Google chrome, Opera and Internet Explorer.

3.2 Minimum Software Requirement :-

- 6) Operating System : Any Windows edition (7,8,10,11, etc.), Linux operating system, etc.
- 7) Processor : Intel Core (i3, i5, i7 etc).
- 8) RAM : 4 GB(maximum)
- 9) Hard disk : 1 GB(minimum)

CHAPTER -4

IMPLEMENTATION AND REQUIREMENT

4.1 Front End:-

We use HTML, CSS, JavaScript and Bootstrap as a front end language. HTML provides the basic structure of sites, which is enhanced and modified by other technologies like CSS, JavaScript and Bootstrap. CSS is used to control presentation, formatting, and layout, JavaScript is used to control the behavior of different elements.

HTML (HyperText Markup Language):

HTML is the standard markup language used to create the structure and content of a web page.

It defines elements such as headings, paragraphs, links, images, and forms.

CSS (Cascading Style Sheets)

CSS is used to style and layout web pages.

It controls the visual presentation of HTML elements, including colors, fonts, spacing, and positioning.

JavaScript:

JavaScript is a programming language used to create interactive and dynamic web content.

It enables functionalities such as form validation, interactive maps, animations, and content updates without reloading the page.

Bootstrap:

A CSS framework for developing responsive and mobile-first websites.

4.2 Back End:-

We use PHP as a back end language. PHP is a platform independent language. It is a highly level concept which is based on object oriented programming. The back end generally include a web server that hosts an application, where we use PHP (localhost) which communicates with a database (using MYSQL) to serve up the information that the front end present.

CHAPTER - 5**TESTING****5.1 Unit Testing :-**

Unit Testing is a software testing technique using which individual units of software i.e. group of computer program modules, usage procedures, and operating procedures are tested to determine whether they are suitable for use or not.

It is a testing method using which every independent module is tested to determine if there is an issue by the developer himself. It is correlated with the functional correctness of the independent modules.

Unit Testing is defined as a type of software testing where individual components of a software are tested. Unit Testing of the software product is carried out during the development of an application.

An individual component may be either an individual function or a procedure. The developer typically performs Unit Testing. In SDLC or V Model, Unit testing is the first level of testing done before integration testing.

Unit testing is a type of testing technique that is usually performed by developers. Although due to the reluctance of developers to test, quality assurance engineers also do unit testing.

5.2 Integration Testing :-

Integration testing is a software testing technique that focuses on verifying the interactions and data exchange between different components or modules of a software application. The goal of integration testing is to identify any problems or bugs that arise when different components are combined and interact with each other. Integration testing is typically performed after unit testing and before system testing. It helps to identify and resolve integration issues early in the development cycle, reducing the risk of more severe and costly problems later on.

Integration testing can be done by picking module by module. This can be done so that there should be a proper sequence to be followed. And also if you don't want to miss out on any integration scenarios then you have to follow the proper sequence. Exposing the defects is the major focus of the integration testing and the time of interaction between the integrated units.

5.3 System Testing :-

System Testing is a type of software testing that is performed on a completely integrated system to evaluate the compliance of the system with the corresponding requirements. In system testing, integration testing passed components are taken as input.

The goal of integration testing is to detect any irregularity between the units that are integrated. System testing detects defects within both the integrated units and the whole system. The result of system testing is the observed behavior of a component or a system when it is tested.

System Testing is carried out on the whole system in the context of either system requirement specifications or functional requirement specifications or the context of both. System testing tests the design and behavior of the system and also the expectations of the customer.

It is performed to test the system beyond the bounds mentioned in the software requirements specification (SRS). System Testing is performed by a testing team that is independent of the development team and helps to test the quality of the system impartial.

6.1 Snapshots :-

We use HTML, CSS, JavaScript and Bootstrap as a front end language. HTML provides the basic structure of sites, which is enhanced and modified by other technologies like CSS, JavaScript and Bootstrap. CSS is used to control presentation, formatting, and layout, JavaScript is used to control the behavior of different elements.

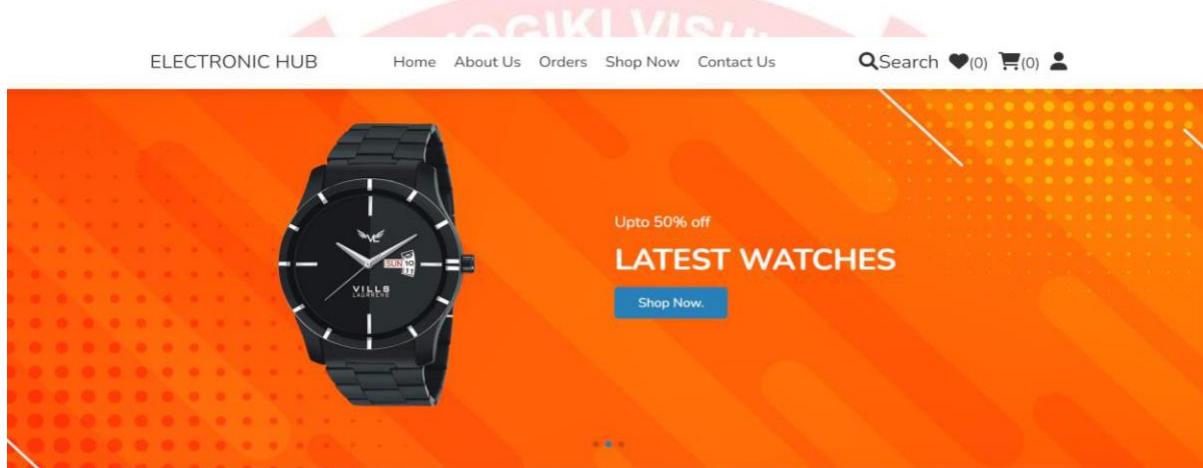
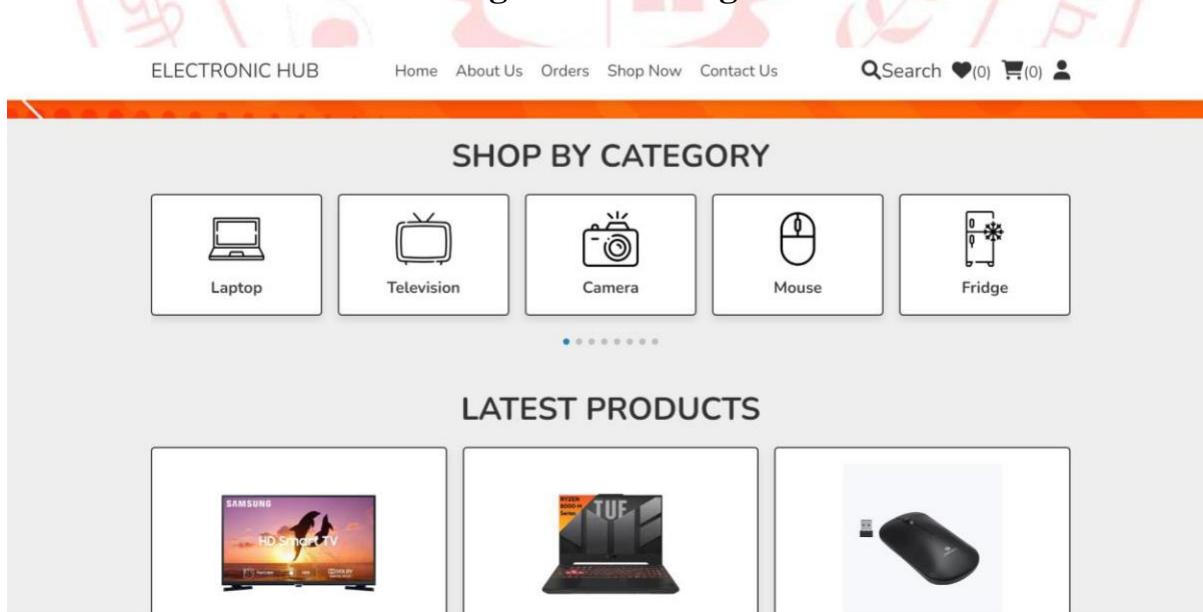


Fig 6.1 Home Page.



Electronic Hub

LAYOUT

The screenshot shows the homepage of the Electronic Hub website. At the top, there is a navigation bar with links for Home, About Us, Orders, Shop Now, and Contact Us. To the right of the navigation bar is a search bar, a cart icon with '(0)', and a user profile icon. Below the navigation bar, there is a grid of three product cards. Each card displays a product image, the brand name, the price, a quantity selector (set to 1), and a blue 'Add To Cart' button. The products shown are a Samsung TV, an ASUS laptop, and a Zebronics mouse. Below the grid, there are sections for Quick Links, Extra Links, Contact Us, and Follow Us, each containing several links or icons.

ELECTRONIC HUB

Home About Us Orders Shop Now Contact Us

Search (0) (0) (0)

SAMSUNG Nrs.13490/- 1 Add To Cart

ASUS Nrs.142990/- 1 Add To Cart

Zebronics Nrs.199/- 1 Add To Cart

Quick Links

- > Home
- > About
- > Shop
- > Contact

Extra Links

- > Login
- > Register
- > Cart
- > Orders

Contact Us.

- +977 980 000 0000
- +977 974 000 0000
- aayush@gmail.com
- Burhanpur, Madhya Pradesh

Follow Us

- facebook
- Twitter
- Instagram
- Linkedin

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Fig 6.2 About Us Page.

The screenshot shows the 'About Us' page of the Electronic Hub website. At the top, there is a navigation bar with links for Home, About Us, Orders, Shop Now, and Contact Us. To the right of the navigation bar is a search bar, a cart icon with '(1)', and a user profile icon. The main content area features a large illustration of a person sitting at a desk working on a computer. To the right of the illustration, there is a section titled 'Developer's Message:' with a message from a student and a 'Contact Us' button. Below this, there is a section titled 'CLIENT'S REVIEWS.' with three circular profile pictures.

ELECTRONIC HUB

Home About Us Orders Shop Now Contact Us

Search (0) (1) (1)

Developer's Message:

A Student of Computer Science from JMPC College [Batch : 2024]

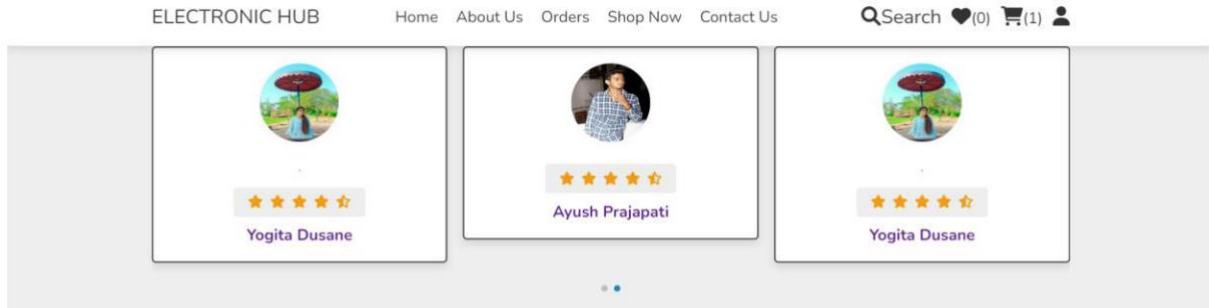
I would like to thank Mrs.Rachna Sharma Mam for guiding me through the session and making me able to develop projects like this.

Contact Us

CLIENT'S REVIEWS.

Electronic Hub

LAYOUT



Quick Links

- > Home
- > About
- > Shop
- > Contact

Extra Links

- > Login
- > Register
- > Cart
- > Orders

Contact Us.

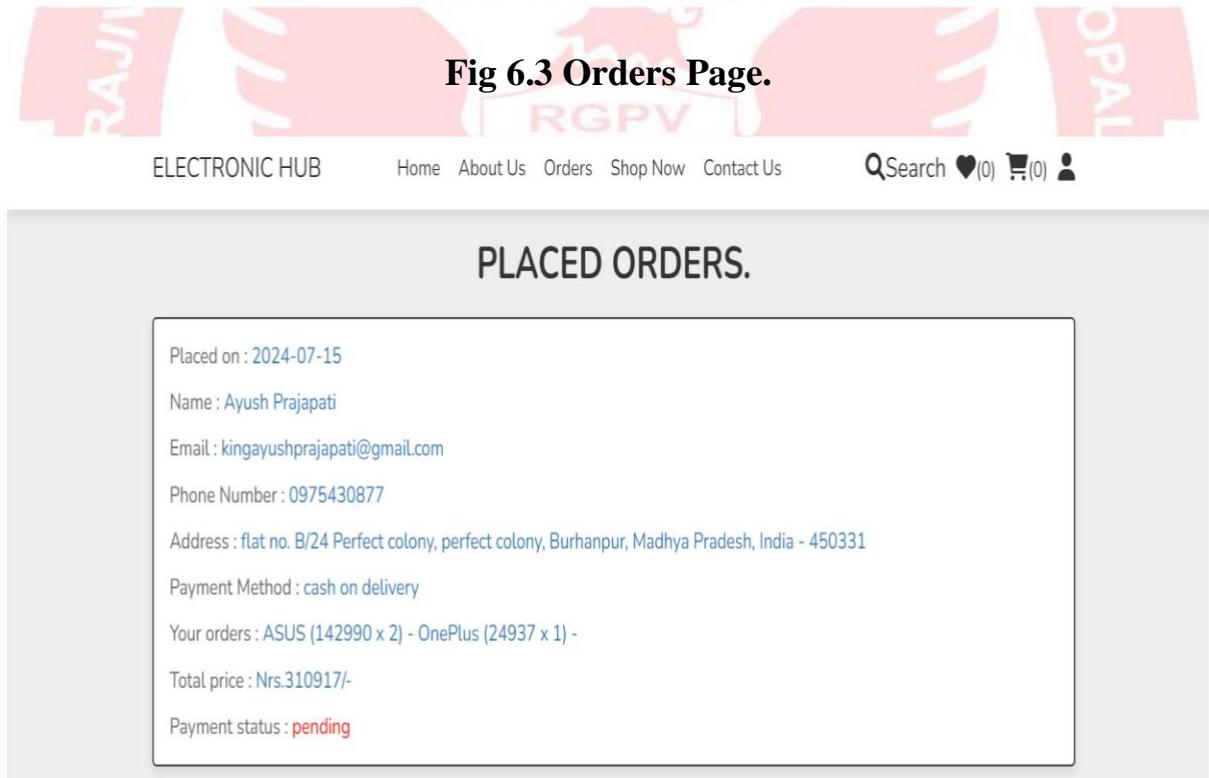
- 📞 +977 980 000 0000
- 📞 +977 974 000 0000
- ✉ aayush@gmail.com
- 📍 Burhanpur, Madhya Pradesh

Follow Us

- facebook
- Twitter
- Instagram
- LinkedIn

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Fig 6.3 Orders Page.



Quick Links

- > Home
- > About

Extra Links

- > Login
- > Register

Contact Us.

- 📞 +977 980 000 0000
- 📞 +977 974 000 0000

Follow Us

- facebook
- Twitter

The screenshot shows a grid of six electronic products. The first row contains a Samsung HD Smart TV, an ASUS TUF laptop, and a Zebronics mouse. The second row contains a OnePlus smartphone, a black leather watch, and a black bag. Each product card includes the brand name, price (e.g., Nrs.13490/-), a quantity selector (set to 1), and a blue 'Add To Cart' button.

LATEST PRODUCTS.

SAMSUNG Nrs.13490/- Add To Cart	ASUS Nrs.142990/- Add To Cart	Zebronics Nrs.199/- Add To Cart

Fig 6.4 Shop Now Page.

This screenshot shows a grid of three products: a Haier refrigerator, a Canon EOS R5 camera, and an LG air purifier. Each product has a similar card layout with the brand name, price (e.g., Nrs.21490/-), a quantity selector (set to 1), and a blue 'Add To Cart' button.

Haier Nrs.21490/- Add To Cart	Canon Nrs.55990/- Add To Cart	LG Nrs.11490/- Add To Cart

Quick Links

- Home
- About
- Shop
- Contact

Extra Links

- Login
- Register
- Cart
- Orders

Contact Us.

- 📞 +977 980 000 0000
- 📞 +977 974 000 0000
- ✉️ aayush@gmail.com
- 📍 Burhanpur, Madhya Pradesh

Follow Us

- facebook
- Twitter
- Instagram
- LinkedIn

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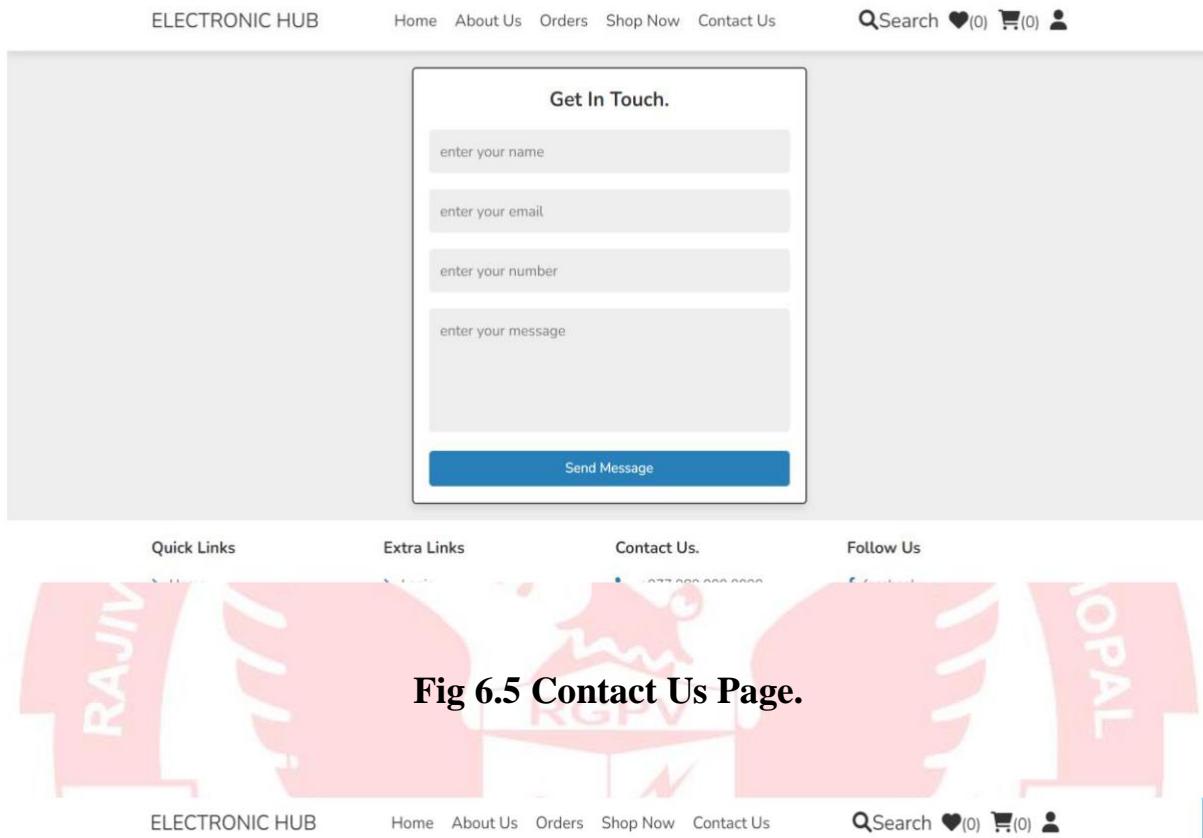


Fig 6.5 Contact Us Page.

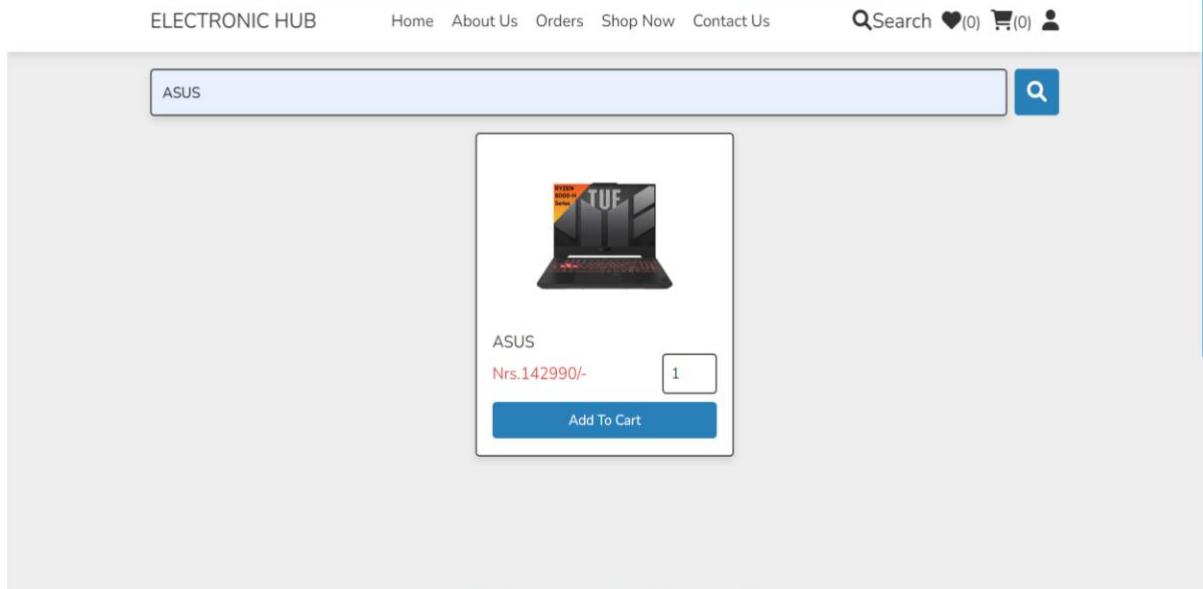


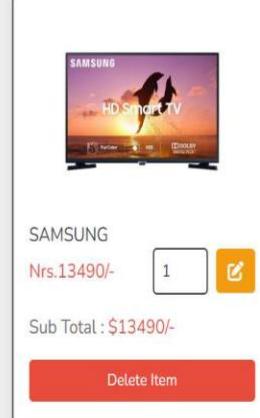
Fig 6.6 Cart Page.

ELECTRONIC HUB

Home About Us Orders Shop Now Contact Us

Search (0) (1) (1)

SHOPPING CART



Grand Total : Nrs.13490/-

ELECTRONIC HUB

Home About Us Orders Shop Now Contact Us

Search (0) (1) (1)

Grand Total : Nrs.13490/-

Continue Shopping

Delete All Items ?

Proceed To Checkout.

Quick Links

- Home
- About
- Shop
- Contact

Extra Links

- Login
- Register
- Cart
- Orders

Contact Us.

- +977 980 000 0000
- +977 974 000 0000
- aayush@gmail.com
- Burhanpur, Madhya Pradesh

Follow Us

- facebook
- Twitter
- Instagram
- LinkedIn

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Front-end coding :-**Home Page :-**

```
<?php  
  
include 'components/connect.php';  
  
session_start();  
  
if(isset($_SESSION['user_id'])){  
    $user_id = $_SESSION['user_id'];  
}else{  
    $user_id = '';  
}  
  
include 'components/wishlist_cart.php';  
  
?>  
  
<!DOCTYPE html>  
<html lang="en">  
<head>  
    <meta charset="UTF-8">  
    <meta http-equiv="X-UA-Compatible" content="IE=edge">  
    <meta name="viewport" content="width=device-width, initial-  
scale=1.0">  
    <title>ELECTRONIC HUB</title>  
  
    <link rel="stylesheet" href="https://unpkg.com/swiper@8/swiper-  
bundle.min.css" />  
  
    <!-- font awesome cdn link -->  
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-  
awesome/6.1.1/css/all.min.css">  
    <!-- custom css file link -->  
    <link rel="stylesheet"  
    href="css/style.css"> </head>  
<body>
```

```
<?php include 'components/user_header.php'; ?>
<div class="home-bg">
<section class="home">
    <div class="swiper home-slider">
        <div class="swiper-wrapper">
            <div class="swiper-slide slide">
                <div class="image">
                    
                </div>
                <div class="content">
                    <span>Upto 50% Off</span>
                    <h3>Latest Smartphones</h3>
                    <a href="quick_view.php?pid=4" class="btn">Shop Now</a>
                </div>
            </div>
            <div class="swiper-slide slide">
                <div class="image">
                    
                </div>
                <div class="content">
                    <span>Upto 50% off</span>
                    <h3>Latest Watches</h3>
                    <a href="quick_view.php?pid=5" class="btn">Shop Now.</a>
                </div>
            </div>
            <div class="swiper-slide slide">
                <div class="image">
                    
                </div>
                <div class="content">
                    <span>upto 50% off</span>
                    <h3>Latest headsets</h3>
                    <a href="shop.php" class="btn">Shop Now.</a>
                </div>
            </div>
        </div>
    </div>
</section>
</div>
```

```
</div>

</div>

<div class="swiper-pagination"></div>

</div>

</section>

</div>

<section class="category">

<h1 class="heading">Shop by Category</h1>

<div class="swiper category-slider">

<div class="swiper-wrapper">
<a href="quick_view.php?pid=2" class="swiper-slide slide">

<h3>Laptop</h3>
</a>

<a href="quick_view.php?pid=1" class="swiper-slide slide">

<h3>Television</h3>
</a>
<a href="quick_view.php?pid=8" class="swiper-slide slide">

<h3>Camera</h3>
</a>
<a href="quick_view.php?pid=3" class="swiper-slide slide">

<h3>Mouse</h3>
</a>
<a href="quick_view.php?pid=7" class="swiper-slide slide">
```

```
 <h3>Fridge</h3>
</a>

<a href="quick_view.php?pid=9" class="swiper-slide slide">
    
    <h3>Washing machine</h3>
</a>

<a href="quick_view.php?pid=4" class="swiper-slide slide">
    
    <h3>Smartphone</h3>
</a>

<a href="quick_view.php?pid=5" class="swiper-slide slide">
     <h3>Watch</h3>
</a>

</div>

<div class="swiper-pagination"></div>

</div>
</section>
<section class="home-products">

    <h1 class="heading">Latest products</h1>
    <div class="swiper products-slider"> <div
        class="swiper-wrapper"> <?php

            $select_products = $conn->prepare("SELECT * FROM products
LIMIT 6");
            $select_products->execute();
            if($select_products->rowCount() > 0){


```

```
while($fetch_product = $select_products->fetch(PDO::FETCH_ASSOC)){
    ?
    <form action="" method="post" class="swiper-slide slide">
        <input type="hidden" name="pid" value="<?= $fetch_product['id'];
    ?>">
        <input type="hidden" name="name"
value="<?= $fetch_product['name']; ?>">
        <input type="hidden" name="price" value="<?=
$fetch_product['price']; ?>">
        <input type="hidden" name="image"
value="<?= $fetch_product['image_01']; ?>">
        <button class="fas fa-heart" type="submit"
name="add_to_wishlist"></button>
        <a href="quick_view.php?pid=<?= $fetch_product['id']; ?>">
class="fas fa-eye"></a>
        
        alt=""> <div class="name"><?= $fetch_product['name']; ?></div>
        <div class="flex">
            <div class="price"><span>Nrs.</span><?=
$fetch_product['price']; ?><span>/-</span></div>
            <input type="number" name="qty" class="qty" min="1" max="99"
onkeypress="if(this.value.length == 2) return false;" value="1">
        </div>
            <input type="submit" value="add to cart" class="btn"
name="add_to_cart">
        </form>
    <?php
        }
    }else{
        echo '<p class="empty">no products added yet!</p>';
    }
?>
</div>

<div class="swiper-pagination"></div>
</div>
</section>
```

```
<?php include 'components/footer.php'; ?>
<script src="https://unpkg.com/swiper@8/swiper-
bundle.min.js"></script>
<script src="js/script.js"></script>
<script>
var swiper = new Swiper(".home-slider", {
    loop:true,
    spaceBetween: 20,
    pagination: {
        el: ".swiper-pagination",
        clickable:true,
    },
});

var swiper = new Swiper(".category-slider", {
    loop:true,
    spaceBetween: 20,
    pagination: {
        el: ".swiper-pagination",
        clickable:true,
    },
    breakpoints: {
        0: {
            slidesPerView: 2,
        },
        650: {
            slidesPerView: 3,
        },
        768: {
            slidesPerView: 4,
        },
        1024: {
            slidesPerView: 5,
        },
    },
});

```

```
var swiper = new Swiper(".products-slider", {  
    loop:true,  
    spaceBetween: 20,  
    pagination: {  
        el: ".swiper-pagination",  
        clickable:true,  
    },  
    breakpoints: {  
        550: {  
            slidesPerView: 2,  
        },  
        768: {  
            slidesPerView: 2,  
        },  
        1024: {  
            slidesPerView: 3,  
        },  
    },  
});  
</script>  
  
</body>  
</html>
```

About Us Coding :-

```
<?php  
include 'components/connect.php';  
session_start();  
  
if(isset($_SESSION['user_id'])){  
    $user_id = $_SESSION['user_id'];  
}  
else{  
    $user_id = '';  
};  
?>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>About</title>

    <link rel="stylesheet" href="https://unpkg.com/swiper@8/swiper-
bundle.min.css" />

    <!-- font awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.1.1/css/all.min.css">

    <!-- custom css file link -->
    <link rel="stylesheet" href="css/style.css">

</head>
<body>

<?php include 'components/user_header.php'; ?>

<section class="about">

    <div class="row">
        <div class="image">
            
        </div>
        <div class="content">
            <h3>Developer's Message:</h3>
            <p>A Student of Computer Science from JMPC College [Batch :
2024] </p>
            <p>I would like to thank <a href="#" target="_blank">Mrs.Rachna
Sharma</a> Mam for guiding me through the session and making me
able to develop projects like this. </p>

```

```
<a href="contact.php" class="btn">Contact Us</a>
</div>
</div>
</section>
<section class="reviews">
  <h1 class="heading">Client's Reviews.</h1>
  <div class="swiper reviews-slider"> <div
    class="swiper-wrapper">
    <div class="swiper-slide slide">
       <p></p>
      <div class="stars">
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star-half-alt"></i>
      </div>
      <h3><a href="#" target="_blank">Ayush
      Prajapati</a></h3> </div>
    <div class="swiper-slide slide">
      
      <p>.</p>
      <div class="stars">
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star"></i>
        <i class="fas fa-star-half-alt"></i>
      </div>
      <h3><a href="#" target="_blank">Yogita
      Dusane</a></h3> </div>
    </div>
    <div class="swiper-pagination"></div>
  </div>
</section>
<?php include 'components/footer.php'; ?>
<script src="https://unpkg.com/swiper@8/swiper-
bundle.min.js"></script>
```

```
<script src="js/script.js"></script>
<script>
var swiper = new Swiper(".reviews-slider", {
loop:true,
spaceBetween: 20,
pagination: {
el: ".swiper-pagination",
clickable:true,
},
breakpoints: {
0: {
slidesPerView:1,
},
768: {
slidesPerView: 2,
},
991: {
slidesPerView: 3,
},
},
});
</script>
</body>
</html>
```

Order Page Coding :-

```
<?php
include 'components/connect.php';
session_start();
if(isset($_SESSION['user_id'])){
    $user_id = $_SESSION['user_id'];
}else{
    $user_id = '';
};
?>
```

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Orders</title>

    <!-- font awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.1.1/css/all.min.css">

    <!-- custom css file link -->
    <link rel="stylesheet"
href="css/style.css"> </head>
<body>
<?php include 'components/user_header.php';
?> <section class="orders">
    <h1 class="heading">Placed Orders.</h1>
    <div class="box-container"> <?php

        if($user_id == ''){
            echo '<p class="empty">please login to see your
orders</p>'; }else{
            $select_orders = $conn->prepare("SELECT * FROM orders
WHERE user_id = ?");
            $select_orders->execute([$user_id]);
            if($select_orders->rowCount() > 0){
                while($fetch_orders = $select_orders-
>fetch(PDO::FETCH_ASSOC)){
                    ?>
                    <div class="box">

                        <p>Placed on : <span><?= $fetch_orders['placed_on']; ?></span></p>
```

```

<p>Name : <span><?= $fetch_orders['name']; ?></span></p>
<p>Email : <span><?= $fetch_orders['email']; ?></span></p>
<p>Phone Number : <span><?= $fetch_orders['number'];
?></span></p>
<p>Address : <span><?= $fetch_orders['address']; ?></span></p>
<p>Payment Method : <span><?=
$fetch_orders['method']; ?></span></p>

<p>Your orders : <span><?= $fetch_orders['total_products'];
?></span></p>
<p>Total price : <span>Nrs.<?= $fetch_orders['total_price']; ?>/-
</span></p>
<p> Payment status : <span style="color:<?php
if($fetch_orders['payment_status'] == 'pending'){ echo 'red'; }else{ echo
'green'; }; ?>"><?= $fetch_orders['payment_status']; ?></span> </p>
</div>
<?php
}
}else{
    echo '<p class="empty">no orders placed yet!</p>';
}
}
?>
</div>
</section>
<?php include 'components/footer.php'; ?>
<script src="js/script.js"></script>
</body>
</html>

```

Shop Now Page Coding :-

```

<?php
include 'components/connect.php';
session_start();
if(isset($_SESSION['user_id'])){
    $user_id = $_SESSION['user_id'];

```

```
{else{
    $user_id = '';
};

include
'components/wishlist_cart.php'; ?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
<title>Shop</title>
    <!-- font awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.1.1/css/all.min.css">
    <!-- custom css file link -->
    <link rel="stylesheet"
href="css/style.css"> </head>
<body>
<?php include 'components/user_header.php';
?> <section class="products">
    <h1 class="heading">Latest Products.</h1>
    <div class="box-container"> <?php
        $select_products = $conn->prepare("SELECT * FROM products");
        $select_products->execute();
        if($select_products->rowCount() > 0){
            while($fetch_product = $select_products-
>fetch(PDO::FETCH_ASSOC)){
                ?>
                <form action="" method="post" class="box">
                    <input type="hidden" name="pid" value="<?= $fetch_product['id'];
?>">
                    <input type="hidden" name="name"
value="<?= $fetch_product['name']; ?>">
                    <input type="hidden" name="price" value="<?=
$fetch_product['price']; ?>">
                    <input type="hidden" name="image"
value="<?= $fetch_product['image_01']; ?>">
```

```
<button class="fas fa-heart" type="submit"
name="add_to_wishlist"></button>
<a href="quick_view.php?pid=<?= $fetch_product['id']; ?>"  
class="fas fa-eye"></a>



<div class="name"><?= $fetch_product['name']; ?></div>

<div class="flex">
    <div class="price"><span>Nrs.</span><?= $fetch_product['price']; ?><span>/-</span></div>
    <input type="number" name="qty" class="qty" min="1" max="99" onkeypress="if(this.value.length == 2) return false;" value="1">
</div>

<input type="submit" value="add to cart" class="btn" name="add_to_cart">

</form>
<?php
    }
} else{
    echo '<p class="empty">no products found!</p>';
}
?>
</div>

</section>

<?php include 'components/footer.php'; ?>

<script src="js/script.js"></script>

</body>

</html>
```

Contact Us Page Coding :-

```

<?php

include 'components/connect.php';

session_start();

if(isset($_SESSION['user_id'])){
    $user_id = $_SESSION['user_id'];
}else{
    $user_id = '';
};

if(isset($_POST['send'])){

    $name = $_POST['name'];
    $name = filter_var($name, FILTER_SANITIZE_STRING);
    $email = $_POST['email'];
    $email = filter_var($email, FILTER_SANITIZE_STRING);
    $number = $_POST['number'];
    $number = filter_var($number, FILTER_SANITIZE_STRING);
    $msg = $_POST['msg'];
    $msg = filter_var($msg, FILTER_SANITIZE_STRING);

    $select_message = $conn->prepare("SELECT * FROM messages
WHERE name = ? AND email = ? AND number = ? AND message = ?");
    $select_message->execute([$name, $email, $number, $msg]);

    if($select_message->rowCount() > 0){
        $message[] = 'already sent message!';
    }else{

        $insert_message = $conn->prepare("INSERT INTO
messages(user_id, name, email, number, message) VALUES(?, ?, ?, ?, ?)");
        $insert_message->execute([$user_id, $name, $email, $number, $msg]);
        $message[] = 'sent message successfully!';
    }
}

```

```
}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>Contact</title>

    <!-- font awesome cdn link -->
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.1.1/css/all.min.css">

    <!-- custom css file link -->
    <link rel="stylesheet"
href="css/style.css"> </head>
<body>
<?php include 'components/user_header.php'; ?>

<section class="contact">

    <form action="" method="post">
        <h3>Get in touch.</h3>
        <input type="text" name="name" placeholder="enter your
name" required maxlength="20" class="box">
        <input type="email" name="email" placeholder="enter your
email" required maxlength="50" class="box">
        <input type="number" name="number" min="0"
max="9999999999" placeholder="enter your number" required
onkeypress="if(this.value.length == 10) return false;" class="box">
        <textarea name="msg" class="box" placeholder="enter your message"
cols="30" rows="10"></textarea>
        <input type="submit" value="send message"
name="send" class="btn">
    </form>
</section>
```

```
<?php include 'components/footer.php'; ?>
<script src="js/script.js"></script>
</body>
</html>
```



CHAPTER – 7

APPLICATIONS

7.1 Applications :-

- 1. The electronic hub is accessible 24/7 from anywhere, on any device with an internet connection,**
- 2. The convenience of doorstep delivery makes customers happy and satisfied.**
- 3. A vast range of electronic products from around the world are available at customers' fingertips. with just a single click.**
- 4. Users can search and purchase products according to their specific needs and preferences.**
- 5. The electronic hub provides a user-friendly environment, making it easy for customers to navigate and find what they're looking for.**
- 6. Customers can request or place orders for electronic products, and even track their delivery status online.**

7.2 Limitations:-

- 1) Registration and log-in are required.**
- 2) Delivery Guarantee: Damage of any electronic gadget before receiving the order the product will not be compressible.**
- 3) You need to provide your personal details, such as an address, mobile number, etc.**
- 4) Out of stock books cannot be purchased immediately, but can be ordered.**

CHAPTER – 8

CONCLUSION

8.1 Conclusion:-

An electronic hub e-commerce website provides significant advantages over traditional physical stores. It offers a convenient, time-saving shopping experience by allowing users to browse and purchase products from a single platform at any time. The extensive availability of products and efficient record-keeping capabilities further enhance the customer experience and reduce the operational burden on store owners. By streamlining operations and ensuring easy access to a wide range of products, it creates a more efficient and customer-friendly shopping environment. Embracing this digital solution can lead to improved satisfaction for both customers and business owners, making it a valuable asset in the modern retail landscape.

8.2 Future Scope:-

- 1. The electronics hub will offer a wide range of products categorized by brand, type, and other relevant factors, allowing users to search for specific items using keywords such as the manufacturer's name.**
- 2. A secure payment gateway will be integrated into the electronics hub, enabling users to make online payments for their purchases.**
- 3. These website will provide a platform for users to access product manuals, reviews, and other relevant information online by subscribing to a premium service. Additionally, users can download software updates, drivers, and other digital content by subscribing to another premium service.**
- 4. It will provide a facility for users to leave feedback on products and services, helping other customers make informed decisions.**
- 5. The electronics hub will offer a tracking facility, enabling users to monitor the status of their orders and track the location of their shipments in real-time.**

CHAPTER – 9

REFERENCE

9.1 References:-

- www.w3school.com
- www.wikipedia.com
- www.tutorialspoint.com
- www.youtube.com
- <https://getbootstrap.com>



