

**A MINI PROJECT REPORT ON
“DISTRIBUTOR APPLIANCE”**

Submitted by

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Submitted to



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Session: 2021-23**

Declaration

I hereby declare that the present mini project work “**DISTRIBUTOR APPLIANCE**” is original work carried out under the guidance of Prof. Shreya Shenai, MCA Department, ASM’s Institute of Business Management and Research, MCA, Chinchwad. It has not been submitted by me in part or full to any University for any examination before. This work has been carried out by me at the Savitribai Phule Pune University during the academic session **2021-2022**.

Date:

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Chinchwad

CERTIFICATE

This is to certify that the mini project entitled

“DISTRIBUTOR APPLIANCE”

is a bonafide work and it is submitted to the Savitribai Phule Pune University

By

Mr. BHOSALE DARSHAN BHIMRAO

*In the partial fulfilment of the degree of Master Of Computer Application, during the
academic year 2021-2022 under my guidance.*

Prof. Shreya Shenai

Guide

Department of MCA

ASM's IBMR, MCA,

Chinchwad



**Master of Computer Application,
ASM's Institute of Business Management and Research, MCA, Chinchwad
Session 2021-2022**

EXAMINER CERTIFICATE

This is to certify that the mini project on

“DISTRIBUTOR APPLIANCE”

is examined by the following examiners on date / / 2022

Internal Examiner

External Examiner

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It is a pleasure to acknowledge the assistance of several people and institutions in this effort. Honestly speaking, this project has turned me into a debtor. First and foremost, I feel indebted to my guide, Prof. Shreya Shenai, Department of MCA, ASM's IBMR, MCA, Chinchwad for his/her valuable guidance, continuous support and advice and constant encouragement throughout my project work.

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Mr. BHOSALE DARSHAN BHIMRAO (23956)

ABSTRACT

In today's fast-changing business environment, it's extremely important to be able to respond to client needs in the most effective and timely manner. If your customers wish to see your business online and have instant access to your products or services.

Online Shopping is a lifestyle e-commerce web application. This project allows viewing various products available and enables registered users to purchase desired products instantly using PayPal payment processor (Instant Pay) and also can place orders by using Cash on Delivery (Pay Later) option. This project provides easy access to Administrators and Managers to view orders placed using Pay Later and Instant Pay options.

In order to develop an e-commerce website for Distributor Appliance, a number of Technologies must be studied and understood. These include multi-tiered architecture, server and client side scripting techniques, implementation technologies such as PHP, JQUERY, BOOTSTRAP, HTML5 and relational databases (such as MY SQLI php my admin). This is a project with the objective to develop a basic website where a consumer is provided with a shopping cart application and also to know about the technologies used to develop such an application.

This document will discuss each of the underlying technologies to create and implement an ecommerce site for Distributor Appliance.

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CHAPTER - 1

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 like electronic devices can be bought from the comfort of home through the Internet. However, for implementation purposes, this paper will deal with a Distributor Appliance for electronic devices.

An online store is a virtual store on the Internet where customers can browse the catalogue 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. At that time, more information will be needed to complete the transaction. Usually, the customer will be asked to fill or select a billing address, a shipping address, a shipping option, and payment information such as credit card number. An e-mail notification is sent to the customer as soon as the order is placed.

1.1 Description

- Any member can register and view available products.
- Only registered members can purchase multiple products regardless of quantity.
- ContactUs page is available to contact Admin for queries.
- There are three roles available:
 - Visitor :- Visitor can view available products.
 - User :- User can view and purchase products.
 - Admin :-
 - An Admin has some extra privilege including all privileges of visitor and user.
 - Admin can add products, edit product information and add/remove products.
 - Admin can add users, edit user information and can remove users.
 - Admin can ship orders to users based on orders placed by sending confirmation mail.

1.2 Definitions, Acronyms, and Abbreviations

1.2.1 Definitions

- Browser :- Software used to view hypertext documents. Internet Explorer and Netscape Navigator are examples of browsers.
- HTML :- Hypertext Markup Language is a specification for graphical layout of a document. The specification calls for the document to be stored as text containing a series of tags that contain formatting information
- PHP : Server side scripting language.

- JavaScript :- It's a high level, dynamic, untyped, and interpreted programming language.
- MySQL :- MySQL is an open-source relational database management system.
- Standalone Application :- A Software that is not a part of some bundled software. A program that is run as a separate computer process, not an add-on of an existing process. Standalone program, a program that does not require operating system's services to run. A portable application, which can be run without the need for installation procedure.
- Web Portal :- A web portal is most often one specially designed web page that brings information together from diverse sources in a uniform way.
- Data Integrity :- Data integrity refers to maintaining and assuring the accuracy and consistency of data over its entire life-cycle, and is a critical aspect to the design, implementation and usage of any system which stores, processes, or retrieves data.

1.2.2 Acronyms, and Abbreviations

Lists the acronyms and abbreviations used in this document with respect to Distributor Appliance Responsive Website.

Acronyms	Meaning
AJAX	Asynchronous Java-Script and XML
API	Application Programming Interface
XML	Extensible Markup Language
DBMS	Database Management System
IEEE	Institute of Electrical and Electronics Engineers
kbps	Kilo-Byte Per Second
HTML	Hypertext Markup Language
CSS	Cascading Style Sheets
GUI	Graphical User Interface
mbps	Mega-Byte Per Second
OS	Operating System
RAM	Random Access System
SDLC	Software Development Life Cycle
URL	Universal Resource Locator

1.3 Specific Requirements

1.3.1 Hardware :-

Sr. No	Name Of Resource / Material	Specifications	Quantity
1	Processor	M1 Chip, 2.7 GHz Intel Core i5	1
2	Prime Memory	8 GB 1867 MHz DDR3	1

3	Operating System	macOS High Sierra Version 11.04	1
4	Machine	Apple Macbook Pro	1

1.3.2 Software :-

- Software Required :- Bracket, VS Code, XAMPP-OS
- Front End :- PHP, JQUERY, BOOTSTRAP, CSS, HTML5
- Back End:- MySQL
- Server/Application :- LOCALHOST 8080

1.4 Constraints

The current constraints on the project are related to the provision of hardware resources and software resources.

- At present, we have a 2.7 GHz Intel Core i5 processor running on top of the macOS High Sierra Version 11.04 operating system.
- The documents will be present only in pdf format.
- In the feedback forms, the replies will not be frequent and the petitioner will not be anonymous.
- There will not be any moderator to filter out the fake complains with the genuine ones. The superuser have to do it himself manually.
- The Internet connection is also a constraint for the application. Since the application fetches data from the database over the Internet, it is crucial that there is an Internet connection for the application to function.
- The web portal will be constrained by the capacity of the database. Since the database may be forced to queue incoming requests and therefor increase the time it takes to fetch data.

CHAPTER - 2

OVERALL DESCRIPTION

2.1 Proposed System

The proposed system that we are making will be completely different and more importantly it will be user friendly.

It can be operated by anyone .It comes with some up-to-date functions which you can perform by just clicking a mouse button.

The aim of this system is to advance to the next level by making everything computerised. It has advantages like this:

1. It's user-friendly and it's completely computerised.
2. It has a huge database which can store lots and lots of information.
3. Data can be easily entered and updated. I.e. data can be managed easily.
4. No need to worry about the storage of the data as it will be stored in your computer.
5. Search results can be shown to the clients at the same place and proper and correct information can be provided.

2.2 Existing System

The project on “DISTRIBUTOR APPLIANCE” enables us to keep the records in the computer system with PHP as Front-end and Microsoft SQL XAMPP Server as Backend.

1. The project keeps the detailed record of Members, Categories, Stock of parts of the Store.
2. The project provides the quotation of product to the customer which enables the customers to make his choice.
3. If the product is not available in the store then Shopkeeper orders the supplier to provide a particular product which the customer wants.
4. Then related information about that ordered product stored in the database of the store.
5. After the order given by the customer it generates the bill.
6. Responsive Website.

2.3 Non Functional Requirement

2.3.1 Performance Requirements

Performance should not be an issue because all of our server queries involve small pieces of data. Changing screens will require very little computation and thus will occur very quickly. Server updates should only take a few seconds as long as the phone can maintain a steady signal.

2.3.2 Reliability

Must maintain data integrity. Computer crashes and misuse should not affect a user's history.

2.3.3 Availability

The Renewable Energy Resources Portal shall be available, up and running for 24*7 throughout the year except due to the routine maintenance activities.

2.4 Module Descriptions

There are two modules in this responsive website:

1. Admin
2. Customer

1. Admin:

Admin module login in the website and after login he can sell the products and add varieties of products. Admin can see the details of the customers who are login into the website and their orders history or what are the products they bought. Admin can add brands and categories of the products according to renewable energy resources of different types.

2. Customer:

Customers can login into the website by their username and password. At the home page they can see the various types of resources, information and their products. They can also see the information of products the want to buy. By choosing the products among them the products are going into the cart. After that, customers can pay that price by using PayPal, Phonepe, google pay and also do transaction with other UPI.

2.4.1 Back end Module Layout

This includes Units such as products, brand, category, orders and, customer management modules

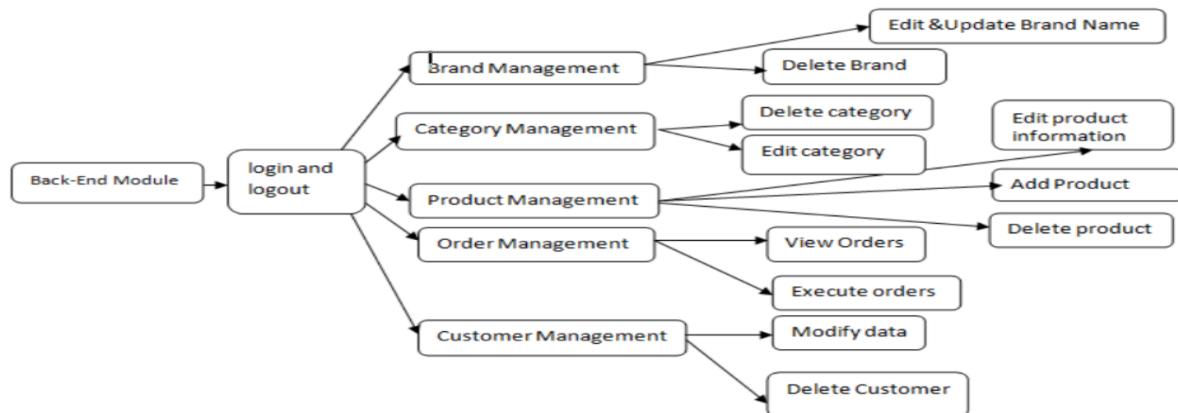


Fig:2.4.1 Back-end system management diagram.

The back-end module/Unit is used to manage the backend of the shop. This is only available to the administrators. They can manipulate the shop to suit the conditions they have set for the shop. They also make sure that customers have a good experience when visiting the shop by updating products, deleting products, executing orders to warehouses, and managing customers.

2.5 MasterPage details:

Distributor Appliance Master Page (Similar MasterPage for Visitor, User and Admin)

2.6 Web Pages details:

- Home Page
- Categories Page
- Admin Page
- Login Page
- Register Page.

2.7 Advantages and Disadvantages

2.7.1 Advantages of Project

- Lack of personal touch
- It security issues
- Need for internet access
- Long delivery period

2.7.2 Disadvantage of Project

- More opportunities to sell
- Lower cost
- Fast response to customer trends and market demand
- Detailed product information
- Available 24 hours
- Variety of products

2.8 Application of Project

- Buying products
- Sell products
- To get information about products.

User Interface :

Websites to develop user interfaces for a lot of mobile applications and user interfaces for various web applications.

Communications Interfaces :

The communication between the client and the server will be done through the internet.

2.9 Project Structure

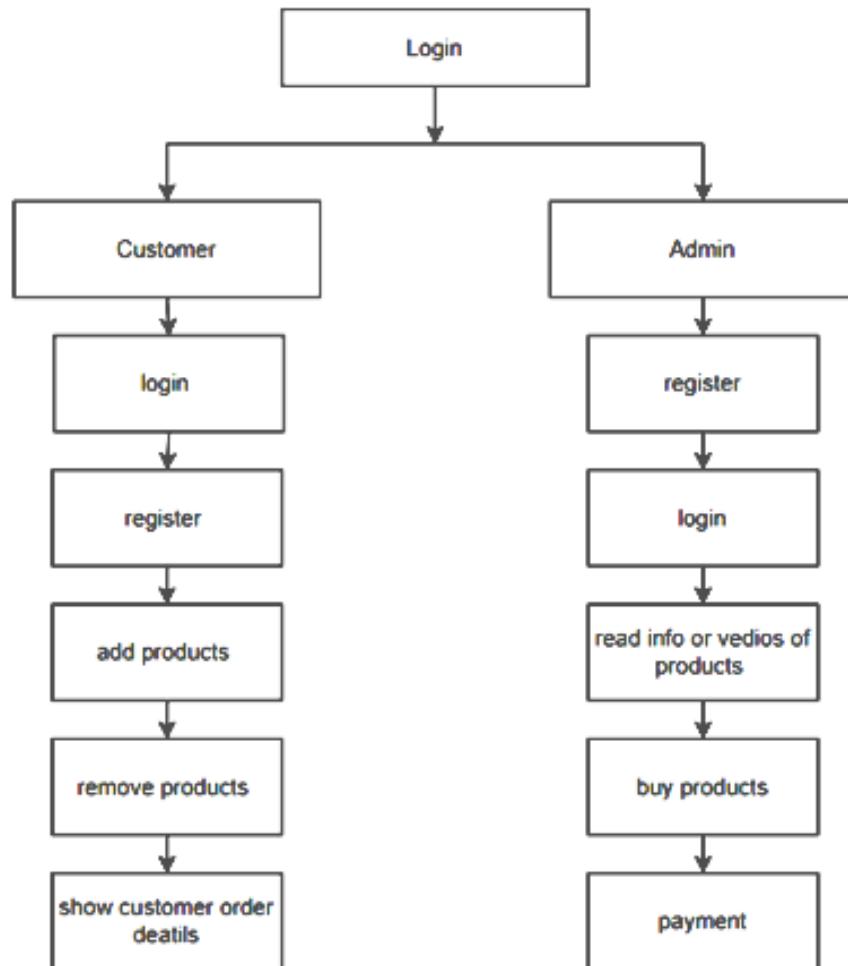


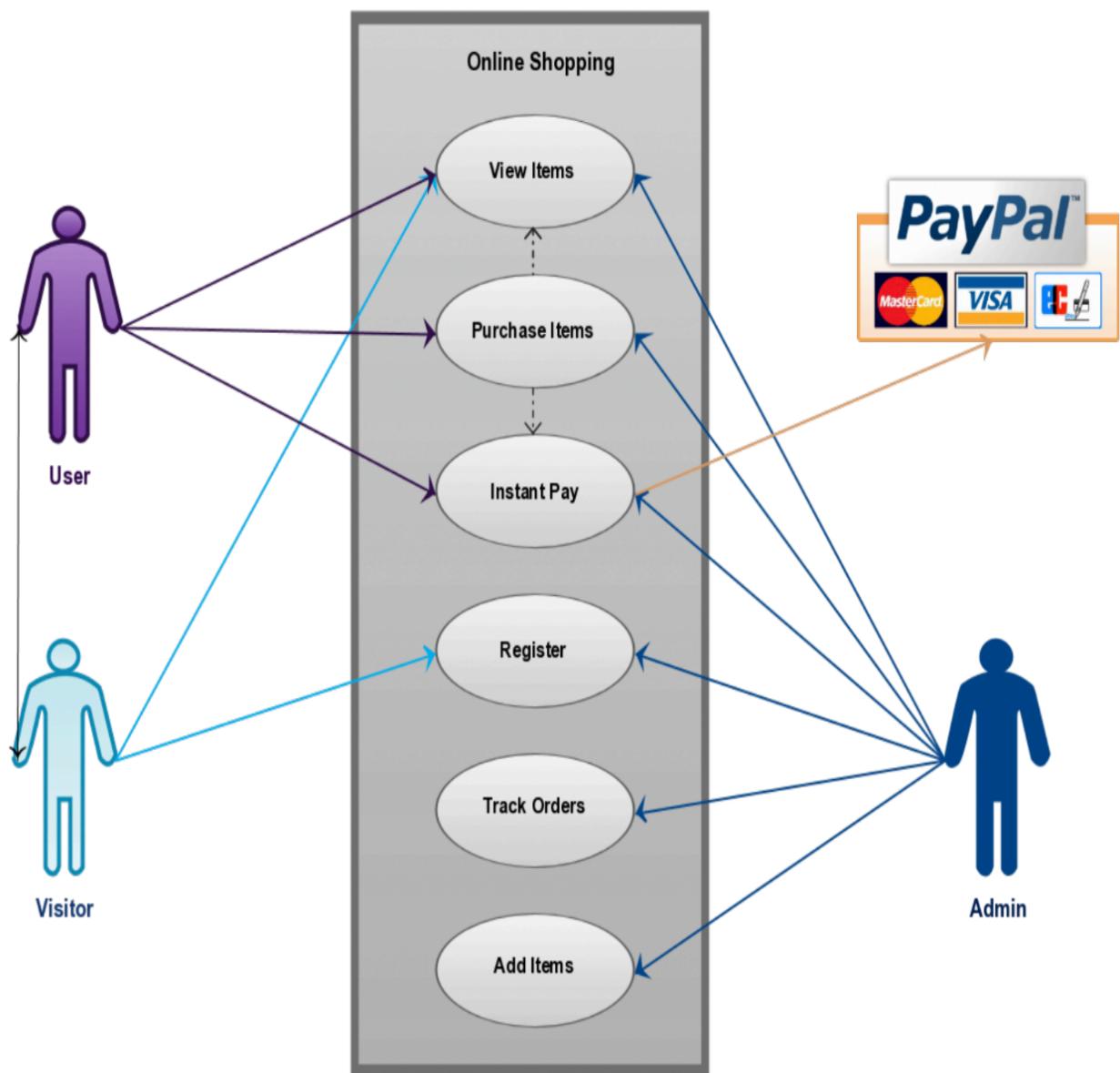
Fig:2.7 Modular Structure For Project On Distributor Appliance

CHAPTER - 3

ANALYSIS & SYSTEM

3.1 Use Case Diagram

A use case defines behavioural features of a system. Each use case is named using a verb phrase that expresses a goal of the system. A use case diagram shows a set of use cases and actors & their relationships. Use case diagrams address the static use case view of a system. These diagrams are especially important in organising and modelling the behaviours of a system. It shows the graphical overview of functionality provided by the system intents actor.



3.2 Activity Diagram

An activity diagram of a special kind of a state chart diagram that shows the flow from activity within a system. An activity addresses the dynamic view of a system. The activity diagram is often seen as part of the functional view of a system because it describes logical processes, or functions. Each process describes a sequence of tasks and the decisions that govern when and they are performed.

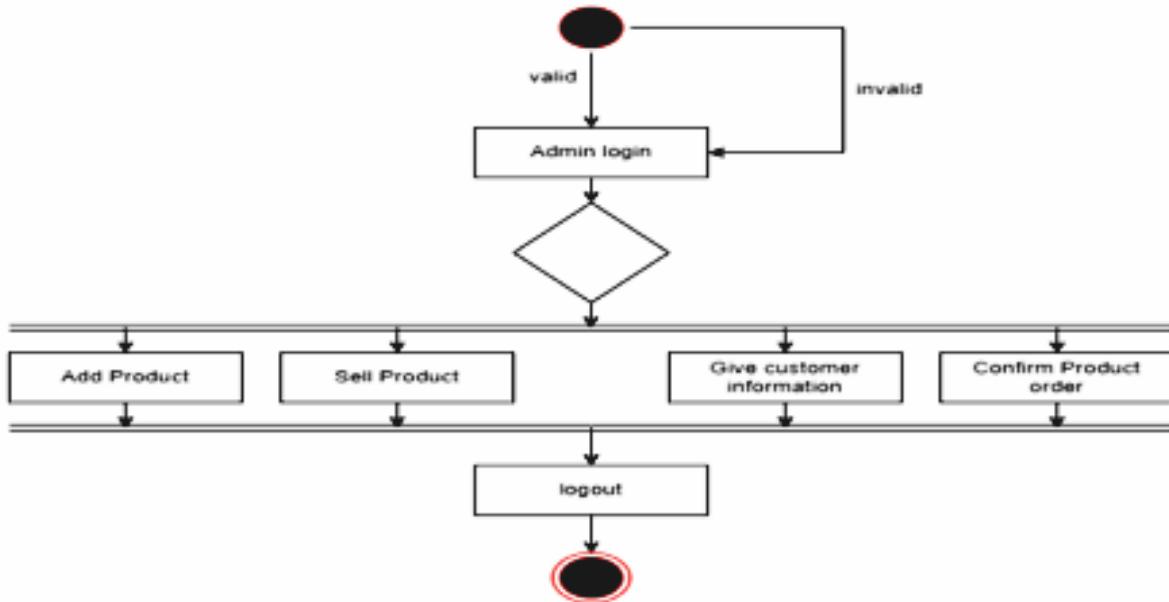


Fig:3.2 Active Diagram (Admin) For Distributor Appliance

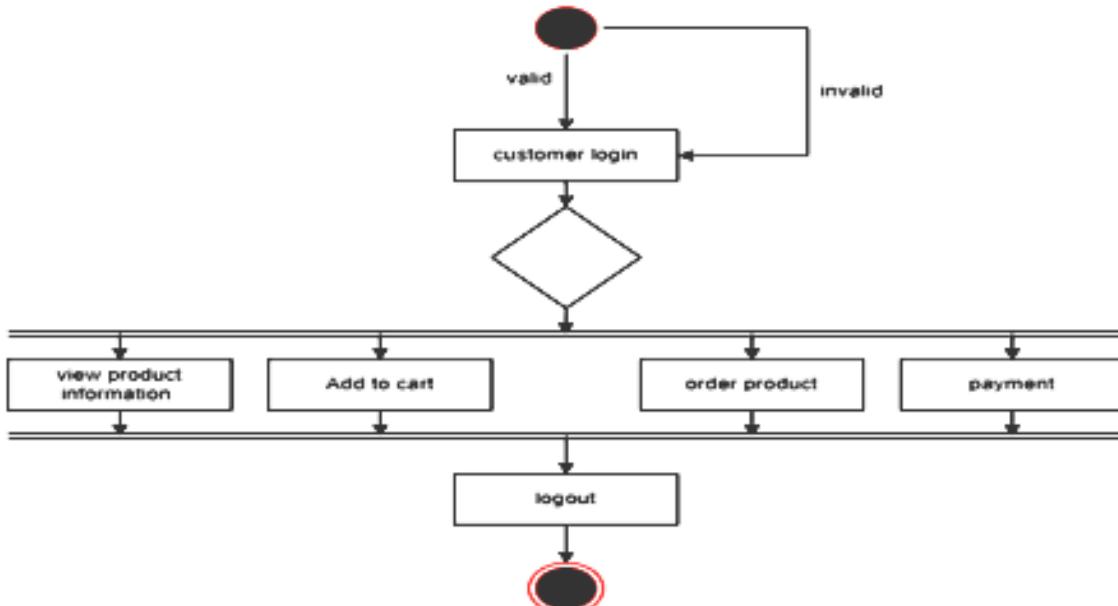


Fig:3.2 Activity Diagram (Customer) For Distributor Appliance

3.3 Class Diagram

A class diagram shows a set of classes, interfaces and collaborations and their relationship. These diagrams are the most common diagrams found in modelling object oriented systems. The class diagram addressed the static design view of a system.

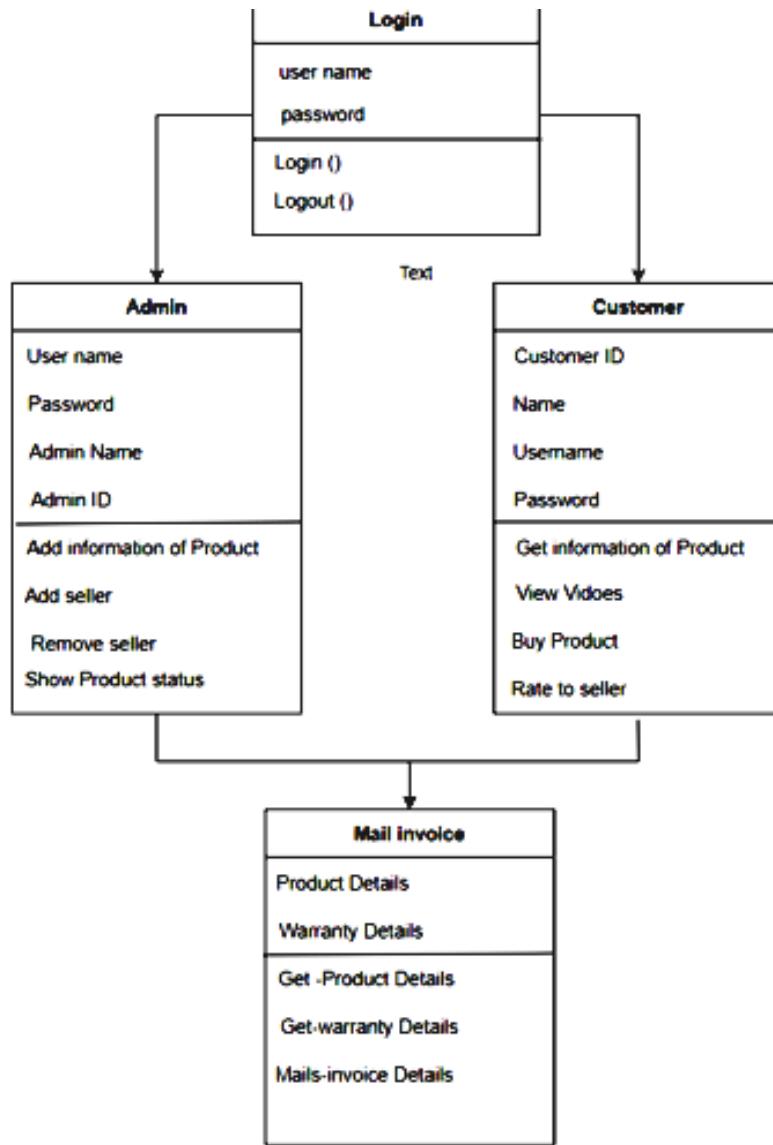


Fig:3.3 Class Diagram For Distributor Appliance

3.4 E-R Diagram(Entity Relational Diagram)

Entity-Relationship diagram (ERD) is a graphical technique, which is used to represent entities present in the system, and relationships are applied between these entities.

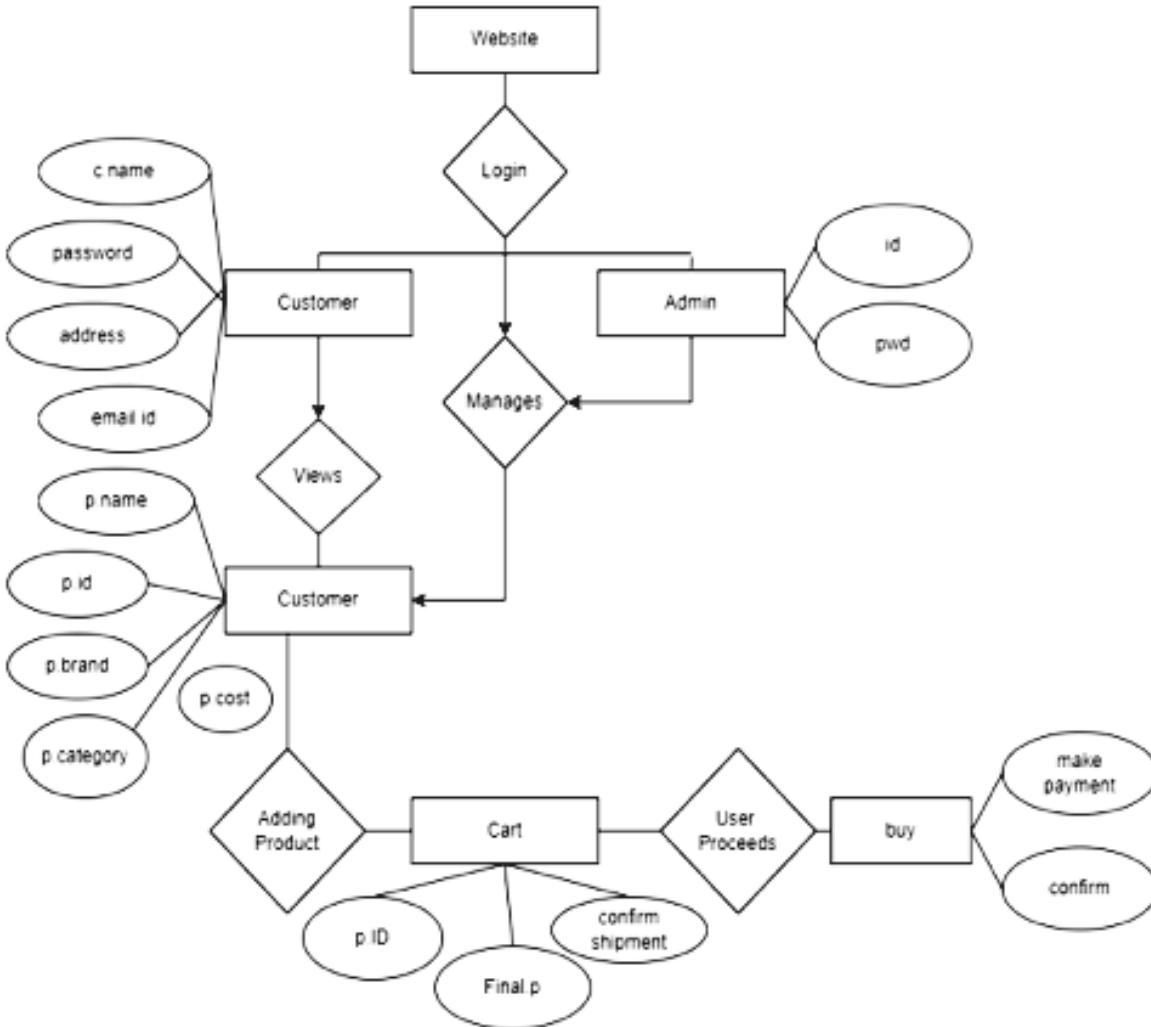


Fig: 3.4 E-R Diagram For Distributor Appliance

3.5 Data Flow Diagram (DFD Diagram)

Data flow diagram (DFD), also called a ‘Bubble chart’ is a hierarchical (or levelled) set of diagrams, used to represent the flow of data elements into and out of the functional units of the program, data stores, environmental sources and sinks.

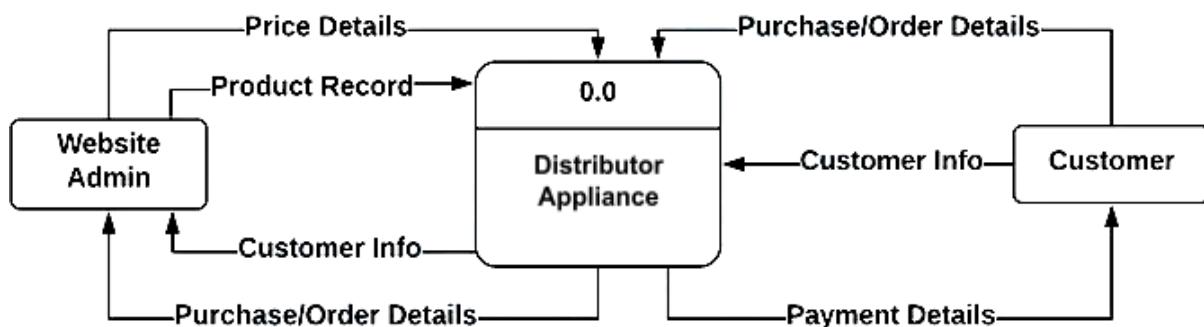


Fig:3.5.1 Data Flow Level-0

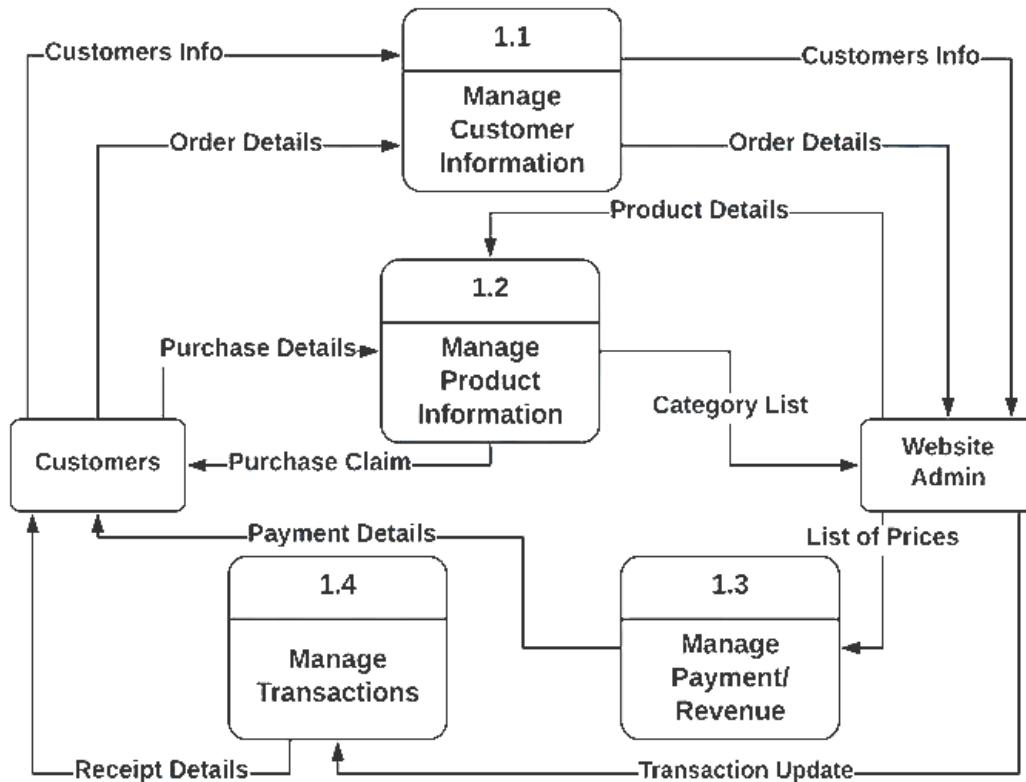


Fig: 3.5.2 Data Flow Diagram Level-1

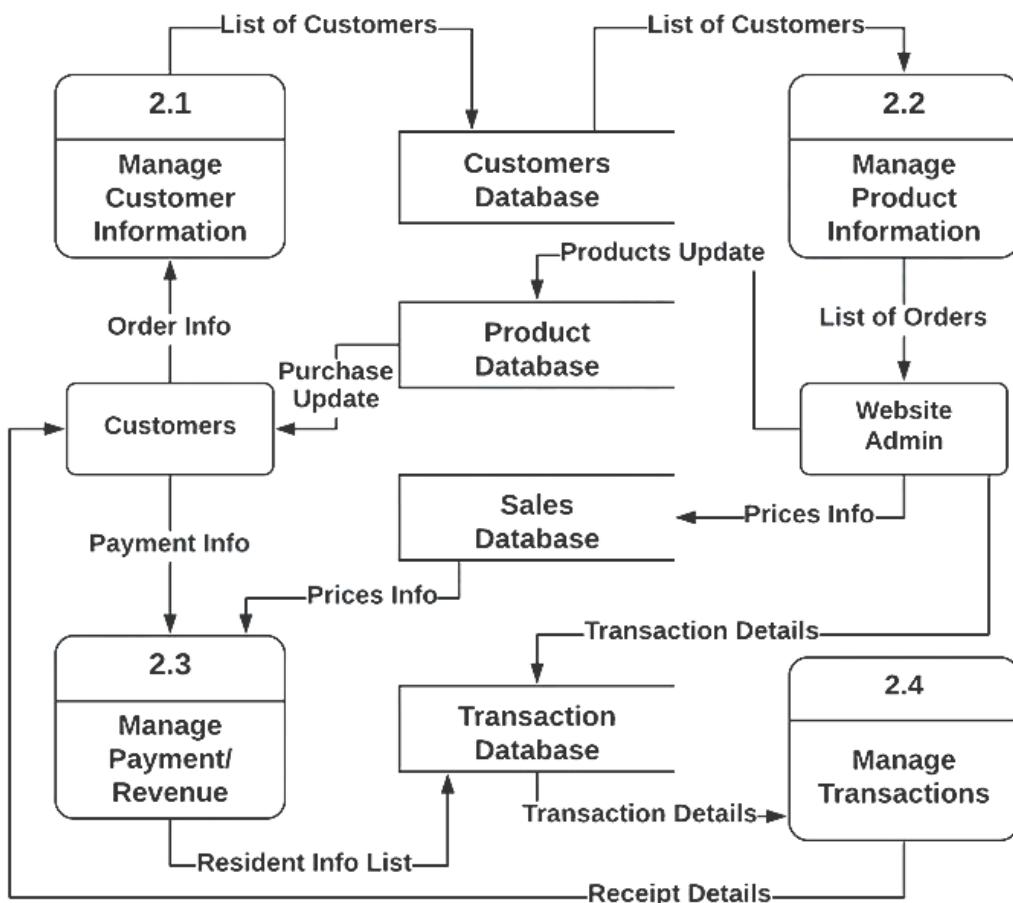


Fig: 3.5.3 Data Flow Diagram Level-2

3.6 DATABASE SCHEMA

Databases change over time as information is inserted and deleted. The collection of information stored in the database at a particular moment is called an **instance** of the database. The overall design of the database is called the database schema. Schemas are changed rarely, if at all.

The concept of **database schemas** and instances can be understood by analogy to a program written in a programming language. A database schema corresponds to the variable declarations (along with associated type definitions) in a program. Each variable has a particular value at a given instant. The values of the variables in a program at a point in time correspond to an instance of a database schema. Schema is the **logical structure** of the database (e.g., set of customers and accounts and the relationship between them). The schema displays the structure of each record type but not the actual instances of records.

3.6.1 Database Tables

Table	Action	Rows	Type	Collation	Size	Overhead
cart	Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci	16.0 Kib	-
category	Browse Structure Search Insert Empty Drop	4	InnoDB	latin1_swedish_ci	16.0 Kib	-
details	Browse Structure Search Insert Empty Drop	7	InnoDB	latin1_swedish_ci	16.0 Kib	-
products	Browse Structure Search Insert Empty Drop	23	InnoDB	latin1_swedish_ci	48.0 Kib	-
sales	Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16.0 Kib	-
users	Browse Structure Search Insert Empty Drop	5	InnoDB	latin1_swedish_ci	16.0 Kib	-
6 tables Sum		45	InnoDB	utf8mb4_general_ci	128.0 Kib	0 B

3.6.2 Admin And Users Database Table

	Edit Copy Delete	id	email	password	type	firstname	lastname	address
<input type="checkbox"/>	Edit Copy Delete	1	db8222@apple.com	\$2y\$10\$QefJVv058A40l0Lyv7gB6uA1K0UN2/BXSQzLAqJpZq4...	1	Darshan	Bhosale	Nalas...
<input type="checkbox"/>	Edit Copy Delete	14	jayesh@gmail.com	\$2y\$10\$guUrMKVx6DKj/VVoFoYZenemDn1ulpkeaOLFQ/1nYs...	0	Jayesh	Bhosale	pune
<input type="checkbox"/>	Edit Copy Delete	15	dishant123@gmail.com	\$2y\$10\$dvsvPKda.kNAvIPWFuGTdOAWxkyp!QzDrG9KgtIJ7pR...	0	Dishant	Khaire	Nalas...
<input type="checkbox"/>	Edit Copy Delete	17	amu@gmail.com	\$2y\$10\$4bYiMpDEht.D5XslUhf.E779UEv.x6v8AmH9deVA6...	0	Amrapali	Sable	Nalas...
<input type="checkbox"/>	Edit Copy Delete	18	abc@gmail.com	\$2y\$10\$sf7G3VUl/xu3Nzg1Wz0HfeznxEvNrnyd1SyolecJPN...	0	Shreya	Mam	pune

3.6.3 Category Database Table

	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	id	name	cat_slug
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	1	Laptops	laptops
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	2	Desktop PC	desktop-pc
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	3	Tablets	tablets
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	4	Smart Phones	smart-phones

3.6.4 Products(29 Products) Database Table



	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	id	category_id	name	description	slug	price	photo	date_view	counter
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	1	1	DELL Inspiron 15 7000 15.6	<p>15-inch laptop ideal for gamers. Featuring the ...	dell-inspiron-15-7000-15-6	71455.71	dell-inspiron-15-7000-15-6.jpg	2022-08-20	3
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	2	2	MICROSOFT Surface Pro 4 & Typecover - 128 GB	<p>Surface Pro 4 powers through everything you nee...	microsoft-surface-pro-4-typecover-128-gb	63507.36	microsoft-surface-pro-4-typecover-128-gb.jpg	2022-08-17	8
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	3	1	DELL Inspiron 15 5000 15.6	<p>Dell's 15.6-inch, midrange notebook is a bl...	dell-inspiron-15-5000-15-6	47610.65	dell-inspiron-15-5000-15-6.jpg	2022-08-06	6
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	4	1	LENOVO Ideapad 320s-14ikb-14" Laptop - Grey	<p>- Made for portability with a slim, lightweight...	lenovo-ideapad-320s-14ikb-14-laptop-grey	31713.94	lenovo-ideapad-320s-14ikb-14-laptop-grey.jpg	2022-08-18	1
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	5	3	APPLE 9.7" iPad - 32 GB, Gold	<p>9.7 inch Retina Display, 2048 x 1536 Resolution...	apple-9-7-ipad-32-gb-gold	26944.92	apple-9-7-ipad-32-gb-gold.jpg	2022-08-18	1
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	6	1	DELL Inspiron 15 5000 15	<p>15-inch laptop delivering an exceptional viewin...	dell-inspiron-15-5000-15	35766.8	dell-inspiron-15-5000-15.jpg	2022-08-20	1
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	7	3	APPLE 10.5" iPad Pro - 64 GB, Space Grey (2017)	<p>4K video recording at 30 fps</p><p>12-megap...	apple-10-5-ipad-pro-64-gb-space-grey-2017	49200.32	apple-10-5-ipad-pro-64-gb-space-grey-2017.jpg	2022-08-20	1
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	8	1	ASUS Transformer Mini T102HA 10.1" 2 in	<p>Versatile Windows 10 device with keyboard and	asus-transformer-mini-t102ha-10-1-2-1-	43715.16	asus-transformer-mini-t102ha-10-1-2-1-.0000-00-00	0	0

3.6.5 Users Cart Database Table

	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	id	user_id	product_id	quantity
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	11	15	19	3
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	14	15	28	2
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	15	14	6	5
<input type="checkbox"/>	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	17	18	9	4

3.6.6 Customers Product Buy Database Table

phpMyAdmin

Server: localhost > Database: ecomm > Table: sales

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking More

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Extra options

	Edit	Copy	Delete	9	14	PAY-1RT494832H294925RLLZ7TZA	2022-08-05
	Edit	Copy	Delete	10	15	PAY-21700797GV667562HLLZ7ZVY	2022-07-13
	Edit	Copy	Delete				

Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

3.6.7 Records Database Table

phpMyAdmin

Server: localhost > Database: ecomm > Table: details

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking More

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Extra options

	Edit	Copy	Delete	14	9	11	2
	Edit	Copy	Delete	15	9	13	5
	Edit	Copy	Delete	16	9	3	2
	Edit	Copy	Delete	17	9	1	3
	Edit	Copy	Delete	18	10	13	3
	Edit	Copy	Delete	19	10	2	4
	Edit	Copy	Delete	20	10	19	5
	Edit	Copy	Delete				

Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

3.7 Coding Snippets Folder Location

Search

Favorites: AirDrop, Recents, iCloud Drive, Applications, Desktop, Documents, Downloads

Devices: Shared: 192.168...

Tags: Red, Orange, Yellow, Green, Blue, Purple, Gray, All Tags...

File Explorer:

- lampp
 - apache2
 - bin
 - cgi-bin
 - ctlscript.sh
 - error
 - etc
 - htdocs
 - applications.html
 - bittnami.css
 - dashboard
 - ecommerce
 - Ecommerce-app-h (1).zip
 - favicon.ico
 - img
 - index.php
 - res
 - webalizer
 - icons
 - img
 - lampp
 - lib
 - lib64
 - libexec
 - licenses
 - logs
 - manager-linux-x64.run
 - modules
 - mysql
 - pear
 - php
 - phpmyadmin
 - proftpd
 - properties.ini
 - README-wsrep
 - README.md
 - RELEASENOTES
 - sbin
 - scripts
 - share
 - temp
 - THIRDPARTY
 - uninstall
 - uninstall.dat
 - var
 - xampp
- ecommerce
- activate.php
- admin.php
- bower_components
- build
- cart_add.php
- cart_delete.php
- cart_details.php
- cart_fetch.php
- cart_total.php
- cart_update.php
- cart_view.php
- category.php
- database.php
- dist
- images
- includes
- index.php
- login.php
- logout.php
- magnify
- password_forgot.php
- password_new.php
- password_reset.php
- plugins
- product.php
- profile_edit.php
- profile.php
- recaptcha
- register.php
- reset.php
- sales.php
- search.php
- signup.php
- tcpdf
- transaction.php
- vendor
- verify.php

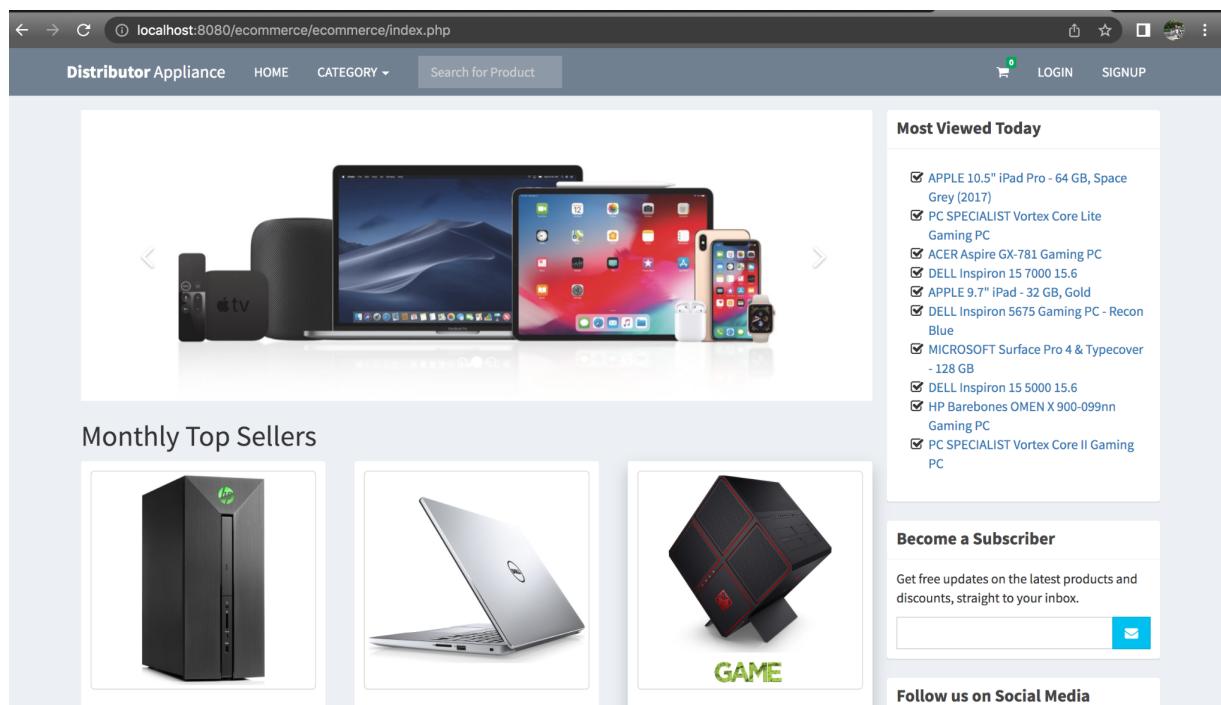
3.8 Distributor Appliance Website

Anyone can view the Distributor Appliance website and available products, but every user must login by his/her Username and password in order to purchase or order products. Unregistered members can register by navigating to the registration page. Only Admin will have access to modify roles, by default developer can only be an ‘Admin’. Once a user register site, his default role will be ‘User’.

3.8.0 Screenshots

3.8.1 Home Page Or Website Dashboard

The Home Screen will consist of screen were one can browse through the products which we have on our website

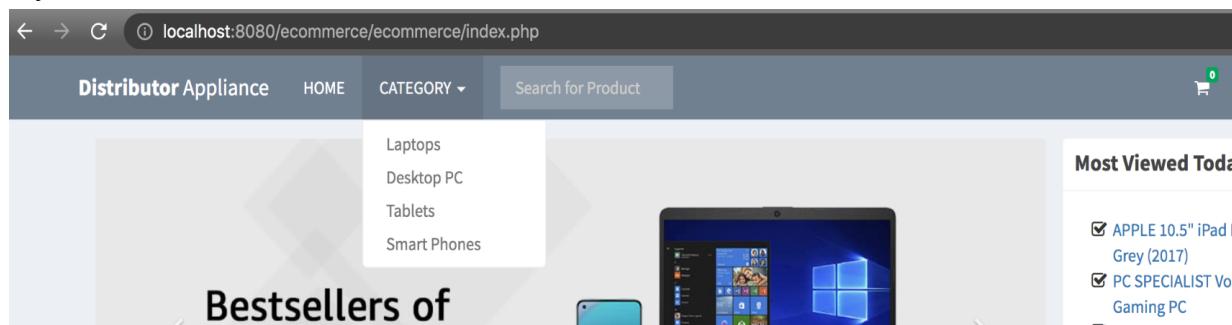


3.8.2 Category Button View and Cart Icon

The category list contains all product categories. If we press on a category it will show the subcategory list. The subcategory list will show the product under security.

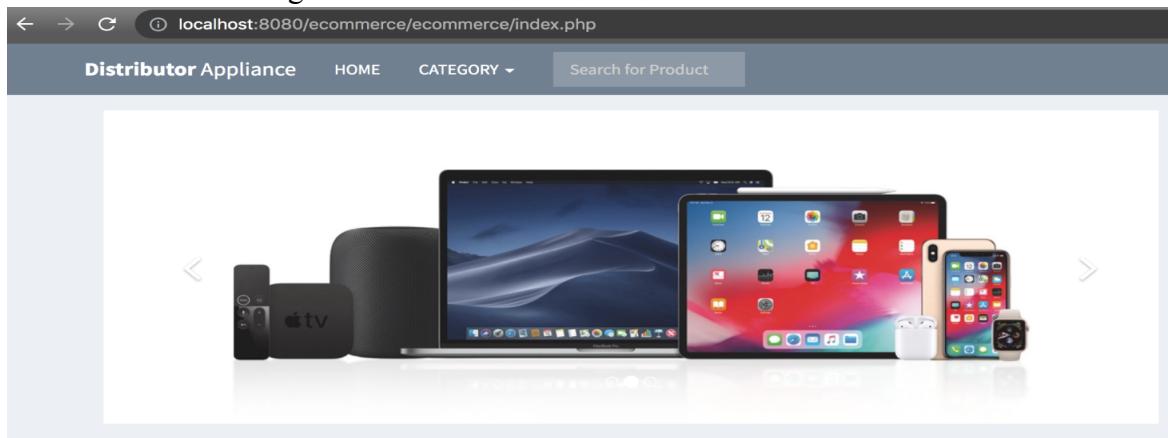
The cart icon contains the number of cart products. Cart icon redirects to checkout page.

The Search option gives us the facilities to search products by category, name, keyword, and brand.



3.8.2 Image Slider

This is the image slider section of the side.



3.8.3 Register a New Membership Form

A screenshot of a web browser displaying the 'Register a new membership' form. The form consists of several input fields: 'Firstname' (with a person icon), 'Lastname' (with a person icon), 'Email' (with an envelope icon), 'Password' (with a lock icon), and 'Retype password' (with a repeat icon). Below these fields is a reCAPTCHA box with a checkbox labeled 'I'm not a robot' and a 'reCAPTCHA' logo. At the bottom of the form is a blue 'Sign Up' button, and below it are links for 'I already have a membership' and 'Home'.

3.8.4 Login Form Use Member and Admin

A screenshot of a web browser displaying the 'Sign in to start your session' login form. The form includes 'Email' and 'Password' fields, both with their respective icons. Below the fields is a blue 'Sign In' button. At the bottom of the form are links for 'I forgot my password', 'Register a new membership', and 'Home'.

3.8.5 Laptop Category

localhost:8080/ecommerce/ecommerce/category.php?category=laptops

Distributor Appliance HOME CATEGORY ▾ Search for Product LOGIN SIGNUP

Laptops



DELL Inspiron 15 7000 15.6

₹ 71,455.71



MICROSOFT Surface Pro 4 & Typecover - 128 GB

₹ 63,507.36



DELL Inspiron 15 5000 15.6

₹ 47,610.65







Most Viewed Today

- APPLE 10.5" iPad Pro - 64 GB, Space Grey (2017)
- PC SPECIALIST Vortex Core Lite Gaming PC
- ACER Aspire GX-781 Gaming PC
- DELL Inspiron 15 7000 15.6
- APPLE 9.7" iPad - 32 GB, Gold
- DELL Inspiron 5675 Gaming PC - Recon Blue
- MICROSOFT Surface Pro 4 & Typecover - 128 GB
- DELL Inspiron 15 5000 15.6
- HP Barebones OMEN X 900-099nn Gaming PC
- PC SPECIALIST Vortex Core II Gaming PC

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Get free updates on the latest products and discounts, straight to your inbox.

Email

Follow us on Social Media

3.8.6 Desktop PC Category

localhost:8080/ecommerce/ecommerce/category.php?category=desktop-pc

Distributor Appliance HOME CATEGORY ▾ Search for Product LOGIN SIGNUP

Desktop PC



PC SPECIALIST Vortex Core Lite Gaming PC

₹ 47,699.34



DELL Inspiron 5675 Gaming PC - Recon Blue

₹ 47,689.34



HP Barebones OMEN X 900-099nn Gaming PC

₹ 38,945.35







Most Viewed Today

- APPLE 10.5" iPad Pro - 64 GB, Space Grey (2017)
- PC SPECIALIST Vortex Core Lite Gaming PC
- ACER Aspire GX-781 Gaming PC
- DELL Inspiron 15 7000 15.6
- APPLE 9.7" iPad - 32 GB, Gold
- DELL Inspiron 5675 Gaming PC - Recon Blue
- MICROSOFT Surface Pro 4 & Typecover - 128 GB
- DELL Inspiron 15 5000 15.6
- HP Barebones OMEN X 900-099nn Gaming PC
- PC SPECIALIST Vortex Core II Gaming PC

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3.8.7 Tablets Category

Tablets

APPLE 9.7" iPad - 32 GB, Gold ₹ 26,944.92	APPLE 10.5" iPad Pro - 64 GB, Space Grey (2017) ₹ 49,200.32	AMAZON Fire 7 Tablet with Alexa (2017) - 8 GB, Black ₹ 3,973.38

Most Viewed Today

- APPLE 10.5" iPad Pro - 64 GB, Space Grey (2017)
- PC SPECIALIST Vortex Core Lite Gaming PC
- ACER Aspire GX-781 Gaming PC
- DELL Inspiron 15 7000 15.6
- APPLE 9.7" iPad - 32 GB, Gold
- DELL Inspiron 5675 Gaming PC - Recon Blue
- MICROSOFT Surface Pro 4 & Typecover - 128 GB
- DELL Inspiron 15 5000 15.6
- HP Barebones OMEN X 900-099nn Gaming PC
- PC SPECIALIST Vortex Core II Gaming PC

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3.8.8 Smartphone Category

Smart Phones

Samsung Note 8 ₹ 65,891.86	Samsung Galaxy S9+ [128 GB] ₹ 70,739.56

Most Viewed Today

- APPLE 10.5" iPad Pro - 64 GB, Space Grey (2017)
- PC SPECIALIST Vortex Core Lite Gaming PC
- ACER Aspire GX-781 Gaming PC
- DELL Inspiron 15 7000 15.6
- APPLE 9.7" iPad - 32 GB, Gold
- DELL Inspiron 5675 Gaming PC - Recon Blue
- MICROSOFT Surface Pro 4 & Typecover - 128 GB
- DELL Inspiron 15 5000 15.6
- HP Barebones OMEN X 900-099nn Gaming PC
- PC SPECIALIST Vortex Core II Gaming PC

3.8.9 Cart Button View Need to Member login checkout

YOUR CART

	Photo	Name	Price	Quantity	Subtotal
		Smart Phones	₹ 65,891.86	- 1 +	₹ 65,891.86
		Desktop PC	₹ 47,689.34	- 1 +	₹ 47,689.34
		Laptops	₹ 71,455.71	- 1 +	₹ 71,455.71
Total ₹ 185,036.91					

You need to [Login](#) to checkout.

Most Viewed Today

- APPLE 10.5" iPad Pro - 64 GB, Space Grey (2017)
- PC SPECIALIST Vortex Core Lite Gaming PC
- DELL Inspiron 15 7000 15.6
- DELL Inspiron 5675 Gaming PC - Recon Blue
- ACER Aspire GX-781 Gaming PC
- APPLE 9.7" iPad - 32 GB, Gold
- Samsung Note 8
- MICROSOFT Surface Pro 4 & Typecover - 128 GB
- DELL Inspiron 15 5000 15.6
- HP Barebones OMEN X 900-099nn Gaming PC

3.8.10 Image Zoom Page

Image zooming is a special feature of our website. If customers use this zooming tool on a picture then they will see a good resolution of the product item. So it helps the product to choose the product efficiently.

DELL Inspiron 15 7000 15.6

₹ 71,455.71

Category: Laptops

Description:
15-inch laptop ideal for gamers. Featuring the latest Intel® processors for superior gaming performance, and life-like NVIDIA® GeForce® graphics and an advanced thermal cooling design.

Most Viewed Today

- APPLE 10.5" iPad Pro - 64 GB, Space Grey (2017)
- PC SPECIALIST Vortex Core Lite Gaming PC
- DELL Inspiron 15 7000 15.6
- DELL Inspiron 5675 Gaming PC - Recon Blue
- ACER Aspire GX-781 Gaming PC
- Samsung Note 8
- APPLE 9.7" iPad - 32 GB, Gold
- MICROSOFT Surface Pro 4 & Typecover - 128 GB
- DELL Inspiron 15 5000 15.6
- HP Barebones OMEN X 900-099nn Gaming PC

Add to Cart

3.8.11 Order View For Member

Once users order items they are able to see ordered products and grand total.

YOUR CART

Photo	Name	Price	Quantity	Subtotal
	PC SPECIALIST Vortex Core Lite Gaming PC	₹ 47,699.34	- 1 +	₹ 47,699.34
	Samsung Note 8	₹ 65,891.86	- 1 +	₹ 65,891.86
	DELL Inspiron 5675 Gaming PC - Recon Blue	₹ 47,689.34	- 1 +	₹ 47,689.34
	DELL Inspiron 15 7000 15.6	₹ 71,455.71	- 1 +	₹ 71,455.71

Total ₹ 232,736.25

PayPal Checkout
The safer, easier way to pay

Most Viewed Today

- APPLE 10.5" iPad Pro - 64 GB, Space Grey (2017)
- PC SPECIALIST Vortex Core Lite Gaming PC
- DELL Inspiron 15 7000 15.6
- DELL Inspiron 5675 Gaming PC - Recon Blue
- ACER Aspire GX-781 Gaming PC
- Samsung Note 8
- APPLE 9.7" iPad - 32 GB, Gold
- MICROSOFT Surface Pro 4 & Typecover - 128 GB
- DELL Inspiron 15 5000 15.6
- HP Barebones OMEN X 900-099nn Gaming PC

Become a Subscriber

3.8.12 Member Profile

Name: Dishant Khaire

Email: dishant123@gmail.com

Contact Info: 8976543811

Address: Nalasopara East

Member Since: Sep 01, 2022

Transaction History

Date	Transaction	Amount	Full Details
Jul 13, 2022	PAY-21700797GV667562HLLZ7ZVY	₹ 484,525.39	View

Showing 1 to 1 of 1 entries

Most Viewed Today

- APPLE 10.5" iPad Pro - 64 GB, Space Grey (2017)
- PC SPECIALIST Vortex Core Lite Gaming PC
- DELL Inspiron 15 7000 15.6
- DELL Inspiron 5675 Gaming PC - Recon Blue
- ACER Aspire GX-781 Gaming PC
- Samsung Note 8
- APPLE 9.7" iPad - 32 GB, Gold
- MICROSOFT Surface Pro 4 & Typecover - 128 GB
- DELL Inspiron 15 5000 15.6
- HP Barebones OMEN X 900-099nn Gaming PC

Become a Subscriber

3.8.12 Member all purchase record

Product	Price	Quantity	Subtotal
HP Pavilion Power 580-015na Gaming PC	₹ 63,586.05	3	₹ 190,758.15
MICROSOFT Surface Pro 4 & Typecover - 128 GB	₹ 63,507.36	4	₹ 254,029.44
AMAZON Fire HD 8 Tablet with Alexa (2017) - 32 GB, Black	₹ 7,947.56	5	₹ 39,737.80
Total			₹ 484,525.39

3.8.14 Payment Method

Once users order products they are redirected to the payment page.

3.8.16 Product Description

This page shows product description. Where a customer can add to cart a product, can view products information that sort by product name, filter by product price, can search a product according to its keyword and can show pages according to product quantity. The sidebar of this page also have categories, tags, recently viewed products and popular products.

3.8.15 Admin Dashboard

Admin panel is a panel where the admin has full control of the website. It is the most important for the website. An admin panel is called a controller of the website. Our admin panel has a new profile, change password, product, brand, category, subcategory, city, country, shipping, customer, tag, colour, coupon, size, etc.

The screenshot shows the Admin Dashboard with the following data:

- Total Sales:** ₹ 1.19M
- Number of Products:** 23
- Number of Users:** 3
- Sales Today:** ₹ 705.41K

Monthly Sales Report:

Month	Sales
Jan	0
Feb	0
Mar	0
Apr	0
May	0
Jun	0
Jul	~450,000
Aug	~700,000
Sep	~700,000
Oct	0
Nov	0
Dec	0

3.8.15.1 Admin Sales History

The screenshot shows the Admin Sales History page with the following data:

Date	Buyer Name	Transaction	Amount	Full Details
Sep 01, 2022	Jayesh Bhosale	PAY-1RT494832H294925RLLZ7TZA	₹ 705,409.38	<button>Q View</button>
Jul 13, 2022	Dishant Khaire	PAY-21700797GV667562HLLZ7ZVY	₹ 484,525.39	<button>Q View</button>

3.8.15.2 Admin Check Member Sale History

The screenshot shows the Admin Transaction Full Details modal with the following data:

Product	Price	Quantity	Subtotal
HP Barebones OMEN X 900-099n Gaming PC	₹ 38,945.35	2	₹ 77,890.70
HP Pavilion Power 580-015na Gaming PC	₹ 63,586.05	5	₹ 317,930.25
DELL Inspiron 15 5000 15.6	₹ 47,610.65	2	₹ 95,221.30
DELL Inspiron 15 7000 15.6	₹ 71,455.71	3	₹ 214,367.13

Total: ₹ 705,409.38

3.8.15.3 Admin Panel Membership History

Photo	Email	Name	Status	Date Added	Tools
	jayesh@gmail.com	Jayesh Bhosale	active	Aug 01, 2022	Cart Edit Delete
	dishant123@gmail.com	Dishant Khaire	active	Sep 01, 2022	Cart Edit Delete

3.8.15.4 Product Categories

Category is the identifier of the product. A category tells what type of product here. A customer can easily find their product to see the category. One project category here

Category Name	Tools
Desktop PC	Edit Delete
Laptops	Edit Delete
Smart Phones	Edit Delete
Tablets	Edit Delete

3.8.15.5 Product List(23 Products)

This page shows the product list. Where customers can add to cart a product, can view products information that sort by product name, filter by product price, can search a product according to its keyword and can show pages according to product quantity. The sidebar of this page also has categories, tags, recently viewed products and popular products.

Name	Photo	Description	Price	Views Today	Tools
ACER Aspire GX-781 Gaming PC		View	₹ 59,611.87	3	Edit Delete
AMAZON Fire 7 Tablet with Alexa (2017) - 8 GB, Black		View	₹ 3,973.38	0	Edit Delete
AMAZON Fire HD 8 Tablet with Alexa (2017) - 16 GB, Black		View	₹ 6,357.89	0	Edit Delete
AMAZON Fire HD 8 Tablet with Alexa (2017) - 32 GB, Black		View	₹ 7,947.56	0	Edit Delete
APPLE 10.5" iPad Pro - 64 GB, Space Grey (2017)		View	₹ 49,200.32	7	Edit Delete
APPLE 9.7" iPad - 32 GB, Gold		View	₹ 26,944.92	2	Edit Delete
APPLE 9.7" iPad - 32 GB, Space Grey		View	₹ 26,944.92	0	Edit Delete
ASUS Transformer Mini T102HA 10.1" 2 in 1 - Silver		View	₹ 43,715.16	0	Edit Delete
DELL Inspiron 15 5000 15		View	₹ 35,766.80	0	Edit Delete
DELL Inspiron 15 5000 15.6		View	₹ 47,610.65	1	Edit Delete

3.8.15.6 Admin Panel Product Description

The screenshot shows the Distributor Appliance Admin Panel interface. On the left, there is a sidebar with user information (Darshan Bhosale, Online) and navigation links for REPORTS, Dashboard, Sales, MANAGE, Users, and Products (selected). The main content area has a modal window open for a 'LENOVO Ideapad 320s-14IKB 14" Laptop - Grey'. The modal displays a list of features and a detailed description of the laptop. Below the modal, a table lists products with columns for Views Today, Tools, Edit, and Delete. The table includes entries for DELL Inspiron, DELL Inspiron, Dell XPS 15 9, HP Barebone, and HP Pavilion.

Views Today	Tools
4	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
3	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
0	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
1	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
0	<input type="button" value="Edit"/> <input type="button" value="Delete"/>

CHAPTER - 4

CONCLUSION

4.0 Conclusion

The electronic shop was developed using PHP, MySQL, HTML5 and CSS3 technology. Any consumer can browse products, add, replace or delete a product from the cart. The consumer can log in, with his information such as his email and password. If the login does not go through, the user can re-register or ask to change the password. After login, the user can see the product in the cart and proceed onwards. The product can be paid with PayPal.

The administrator can verify the order, However the consumer can still look at the orders in his or her account. The ordered price is saved in the database.

CHAPTER - 5

FUTURE ENHANCEMENT

5.0 Future Improvement

Invoices need to be implemented in the shop, emails and notifications need to be sent to customers for new arrivals or discounts. The shop has to have a search engine where users and customers can search for the various products from the shop. Debit and credit cards need to be implemented in the shop as well. There have to be language varieties so that none-English users and customers can shop easily without any difficulty

CHAPTER - 6

REFERENCES

6.0 References

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