PROJECT REPORT

ON

"Sharp System"
(E-Commerce Website)

SESSION:2020-2021

BACHELOR OF COMPUTER APPLICATION

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BCA 6th SEM

PREFACE

With the fast development of computer technology, the software projects are growing in size and complexity. Software experts have recently sought to develop a more systematic and formal approach in the design, development and implementation of their software. This new approach has become necessary because the traditional methods of system development often yielded software characterized by late diversity, costliness, unreliability, and non-maintainability and non-use ability.

In this new age of computing every thing has been computerized, so how can we become isolate and untouched from this environment. That's why keeping this thing in mind and an opportunity or probably a creativity to do such a task different and unique from others, we thought a way to develop this software.

ACKNOWLEGEMENT

The satisfaction that accompanies the successful completion of any task would be incomplete without the mention of people whose ceaseless cooperation made it possible, whose constant guidance and encouragement crown all efforts with success.

We would like to express our sincere acknowledgement in the support and help of our professors. We are grateful to our project guide Mr. Ritesh Kandari for the guidance, inspiration and constructive suggestions that helps us in the preparation of this project. We also thank our parents and friends who have helped in successful completion of the project.

Submitted By:
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Roll No: 180705330022

ABSTRACT

It aimed to build a computerised online Static Website . The computerised system will replace the manual system currently in use. This system will contribute in minimising the time required for storing, processing, retrieving and organizing data in the colleges. This system is called Sharp System(E-Commerce Website)

The college management system was introduced and the web technologies and methodologies were discussed and evaluated. front end was designed by using HTML with CSS. However, JavaScript was involved for interactivity of the system. Moreover. Finally, the system was tested according to one of the black box testing types which was system testing.

PROJECT SELECTION

Project selection is the most tedious task in the way of analyzing the efficiency of any software program. Selection must be appropriate and well guided by an experienced person. If the first step of developing may go wrong, then the software cannot be perfect. If one selects the topic without any prior knowledge and proper guidance, one may not be able to arrive at any conclusion. Therefore, the suitable selection of topic is very essential.

I had also faced the problem of project selection. I discussed many problems with persons relating to the field of computers but I could not get complete results. Therefore, I also consulted with teachers and discuss with them regarding project selection. They guided me to take up the project Sharp System (E-commerce Website).

CONTENTS

- **CONCLUSION.**
- **FUTURE SCOPE.**
- **BIBLIOGRAPHY.**

INTRODUCTION:

The 'Online E-commerce Shopping application' Services department strives to provide solutions to develop and transfer easy and efficient way in the digital age and to help reduces the human pressure and time. To help support shop collections, the digital initiatives, and external partner institution digital projects, It provide services that include the digitization of analog objects, metadata management, digital preservation, and discovery and access of digital collections. "Shop management System" is a web application written for all operating systems, designed to help users maintain and organize shop virtually. This software is easy to use for both beginners and advanced users. It features a familiar and well thought-out, an attractive user interface, combined with strong searching Insertion and reporting capabilities. The reportgeneration facility of shop system helps to get a good idea of which are the various items brought by the members, makes users possible to get the product easily.The 'Online E-commerce Web application' Services department strives to provide solutions todevelop and transfer easy and efficient way in the digital age and to help reduces the human pressure and time. To help support shop collections, the digital initiatives, and external partner institution digital projects, It provides services that includethe digitization of analog objects, metadata management, digital preservation, and discovery and access of digital collections. "Shop Management System" is a web application written for all operating systems, designed to help users maintain and organize shop virtually. This software is easy to use for both beginners and advanced users. It features a familiar and well thought-out, an attractive user interface, combined with strong searching Insertion and reporting capabilities. The report generation facility of shop system helps to get a good idea of which are the various items brought

OBJECTIVE AND SCOPE OF THE PROJECT:

Objective:

Businesses aim at reducing the costs incurred for the betterment of their revenue. Automating the ecommerce business can help in reducing the management cost significantly. Moreover, the right use of digital marketing can help in reducing the cost spent on driving customers to such an extent that businesses can bring customers for free of cost.

Scope:

E-commerce or Electronic commerce is termed as selling and buying behaviour of products and services over the internet. ... The scope of ecommerce is expanding day by day due to the heavy number of internet users all over the world.

TOOLS AND PLATFORM:

The project is an online application to be developed using HTML, JavaScript, PHP, and CSS as front-end and having MYSQL as backend.

Database design (MYSQL)

Form design(HTML, CSS & JavaScript)

HTML:

HTML is the acronym for Hypertext Markup Language. It is a universal language to design a static webpage. It is machine independent and all the Internet Browsers accept the HTML code. HTML is a simple language for formatting text. It also allows embedding of graphics, and linking of documents via.**"Hyperlinks".**

CSS:

CSS lets the Web page author add functions to the page that can change everything on the page. Instead of having to download new information from the server computer every time something on the page changes, changes can be made by the HTML document. Web pages built with CSS are richer and more interactive, react faster and don't use much bandwidth.

JAVASCRIPT:

Javascript is an interpreted language with a C like syntax. While many people brush the language off as nothing more than a browser scripting language, it actually supports many advanced concepts such as object-oriented-programing, recursion, lambda, and closures. It's a very approachable language for the beginner that quickly scales to be as powerful a tool as our skills allows.

SYSTEM REQUIREMENT SPECIFICATION:

INTRODUCTION

The proposed system is College Automation System (Student Admission module) and it is an internet based application that aims at registering the students and managing their records.

DOCUMENT PURPOSE:

The purpose of this SRS document is to specify software requirements of the Online Admission for the college. It is intended to be a complete specification of what functionality the admission provides. The main purpose of the system is to automate the task carried out by different peoples in the organization to perform the student admission.

PRODUCT SCOPE:

The proposed system's aim is to automate the system, pre-checking the inclusion of all required material and automatically ranking each student's application based on a number of criteria. The data used by the system is stored in a database that will be the centre of all information held about students and the base for the remainder of the process after the initial application has been made. This enables things to be simplified and considerably quickened, making the jobs of the people involved easier. It supports the current process but centralizes it and makes it possible for decisions to be made earlier and easier way.

INTENDED AUDIENCE AND DOCUMENT OVERVIEW:

End users of this application who wish to read about what this project can do.

DEFINITIONS, ACROYNMS AND ABBREVIATIONS:

ADMIN- It stands for Administrator. The person who have the authority to register the students.
Browser- Software used to view hypertext documents.
CSS- Cascading Style Sheets.
HTML- Hypertext Markup Language is a specification for graphical layout of the document. The specification calls for the document to be stored as text contain of a series of tags that contain formatting information.

SRS- It stands for Software Requirement Specification.

DOCUMENT CONVENTIONS:

Normal body text: Font size 12, Times new roman, multiple spacing with 1.3, justified.
Paragraph heading Font size: 12, Times new roman, justified.
Character heading Font size: 12, Times new roman, multiple spacing with 1.3, justified aligned.
Important terms: The words in bold are important terms, and have been formatted to grab the attention of the reader.

www.Google.com
www.w3schools.com
www.w3resource.com

OVERALL DESCRIPTION

In essence the current online student admission system provides the interface to the main
registration database system. Though the back-end database can reliably accommodate concurrent transactional demands, the current system is limited in functioning as such. The main registration system is mainframe based MySQL, which has nightly back-ups and fail-over system in place.

PRODUCT PERSPECTIVE:

The online College Automation System is a standalone system. It may be run on multiple systems within internet connectivity. It aims to replace the existing desktop based student admission system by providing an enhancement over their existing system as multiple admin can register students by sitting anywhere and at any time. The most important additional feature provided by College Automation System is that the information of the admin who registered the student can also be retrieved along with the student.

PRODUCT FUNCTIONALITY:

Allow the admin to do online registration of student.
Provide all information regarding any student.
Manages all the information regarding student's details about address, personal information, student course, previous school details, transfer details etc.

SPECIAL FEATURES:

Document management for each student.

Automate admission for single and multiple students.

Eliminates the need of paper works.

Provides password and privilege facility for ensuring security.

USERS AND CHARACTERISTICS:

End user

No specific knowledge or skills are required from the end user.
End user should have basic knowledge about computer operations.

Administrator

Admin must be having good knowledge of database management system.
Administrator must be capable to manage user rights.

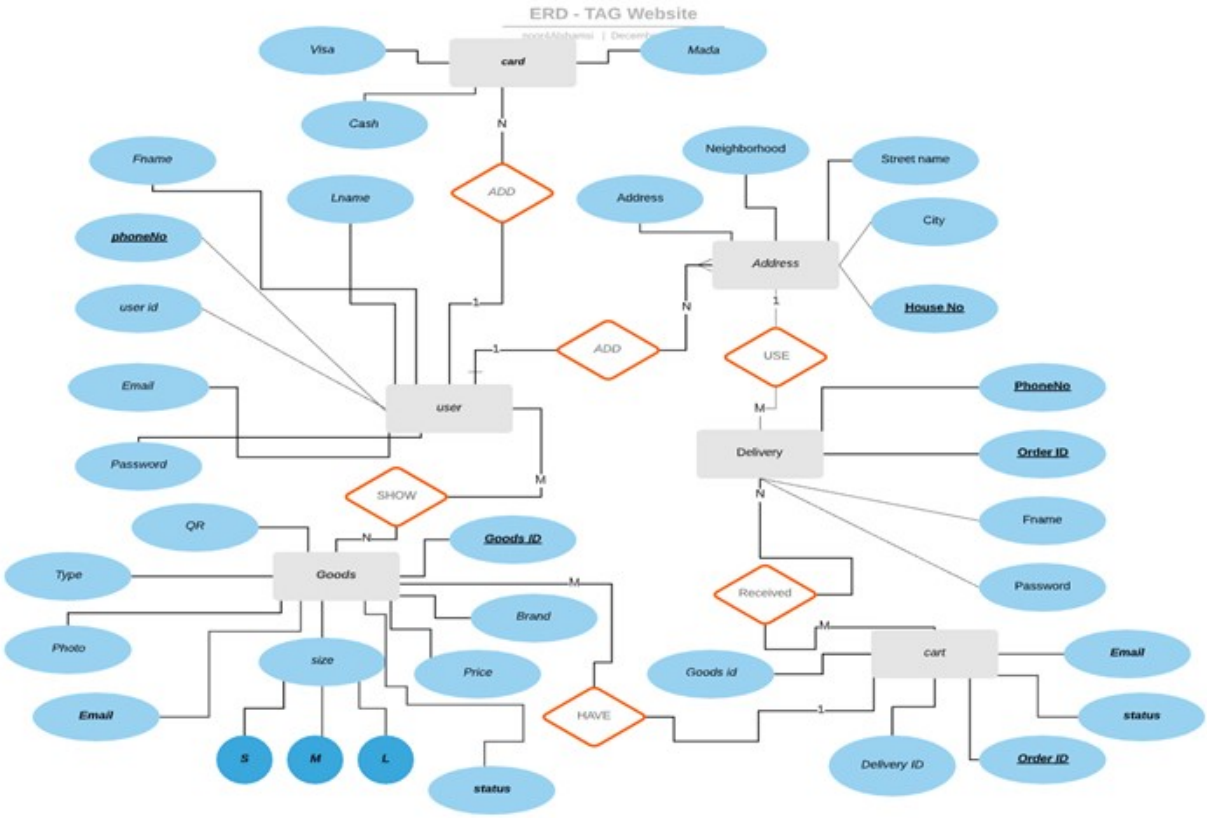
OPERATING ENVIRONMENT:

This product is web based and will be hosted by an apache server. This product can be vied by a web browser, and has been tested for compliance with Mozilla, Internet Explorer, and Google Chrome, etc. The site runs on college servers.

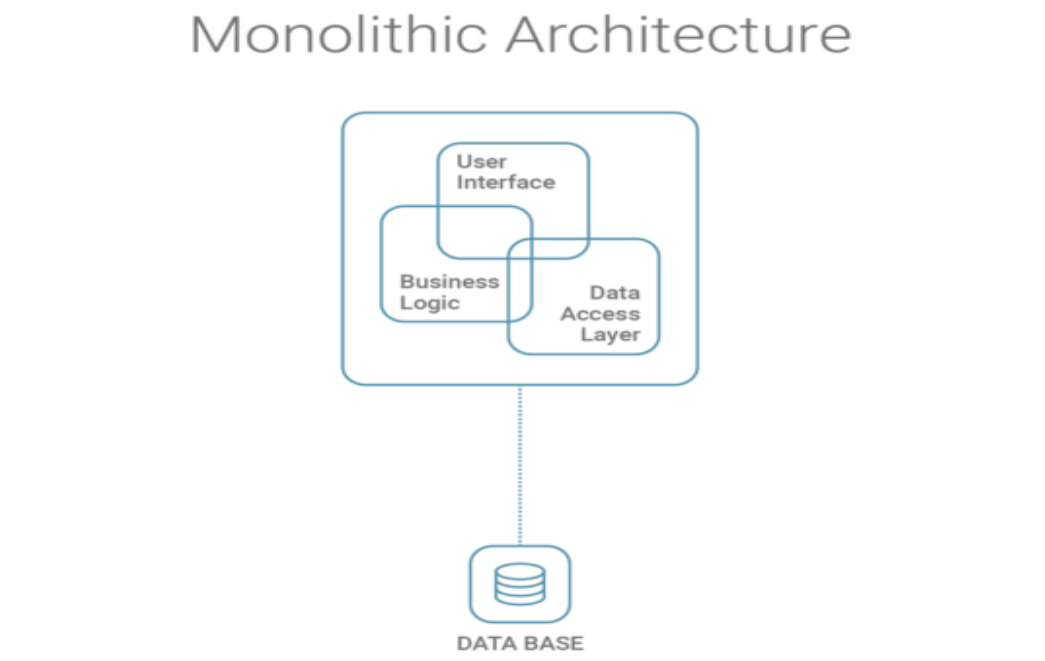
DESIGN AND IMPLMENTATION CONSTRAINTS:

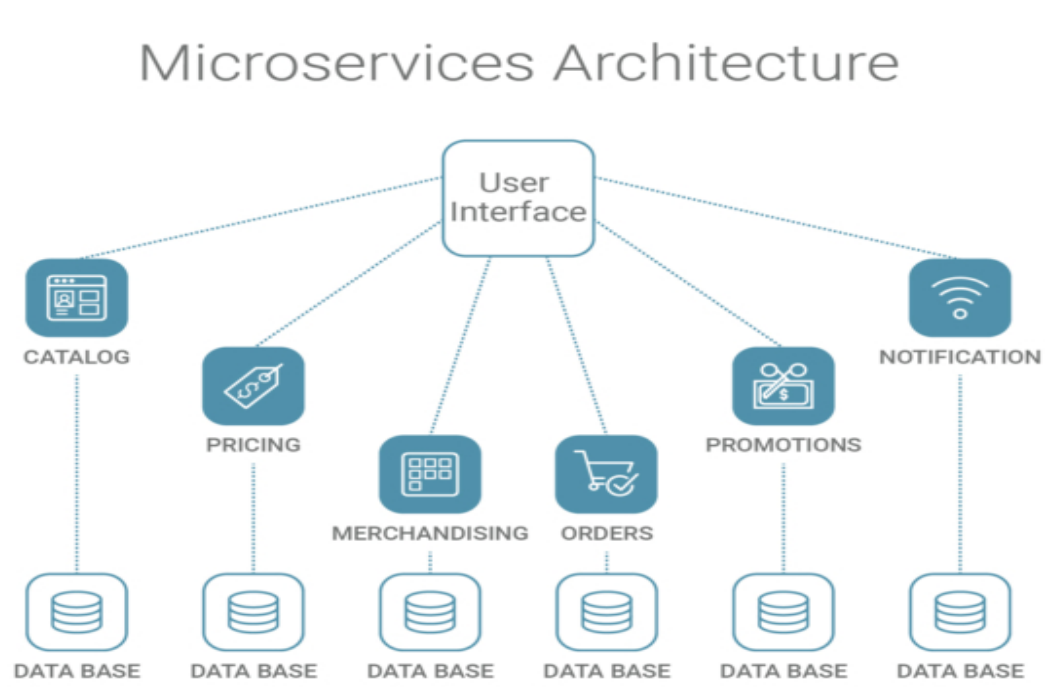
E-R Diagrams:

Admin:

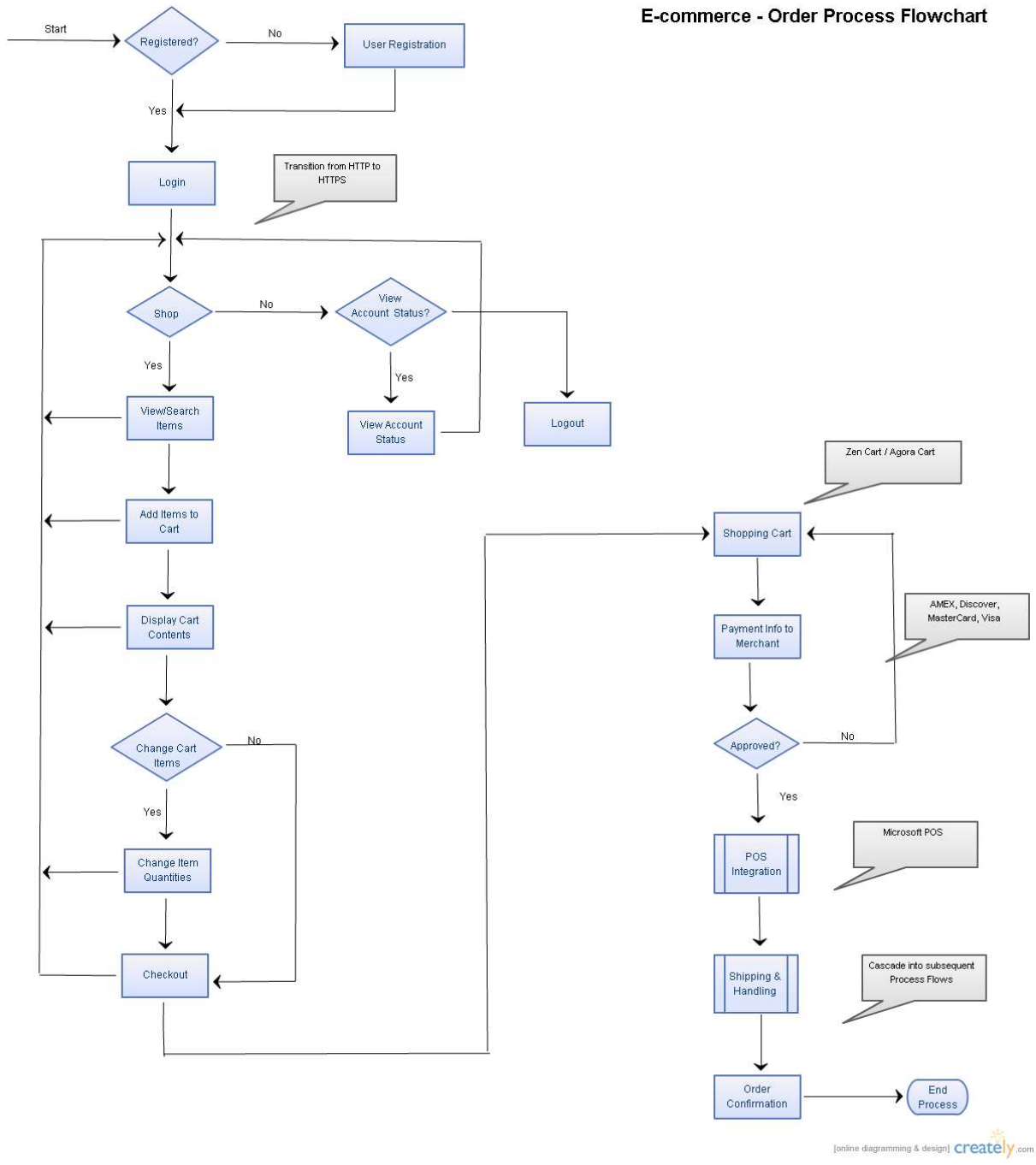


Entity Operator:



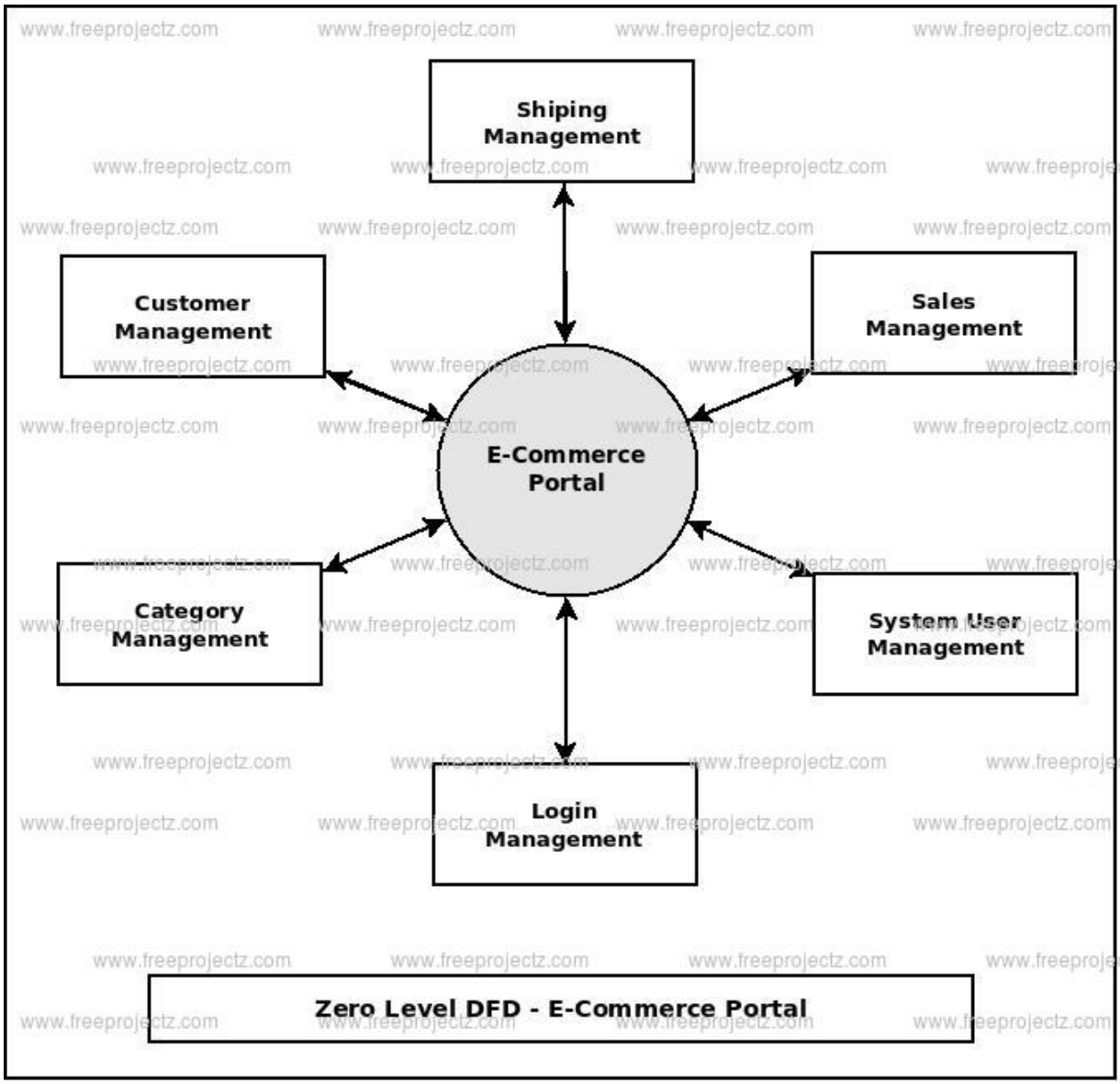


Flow-Chart:


E-commerce - Order Process Flowchart
Start
Registered?
No
User Registration
Yes
Login
Transition from HTTP to HTTPS
Shop
No
View Account Status?
Yes
Yes
View/Search Items
View Account Status
Logout
Add Items to Cart
Display Cart Contents
Change Cart Items
No
Yes
Change Item Quantities
Checkout
Zen Cart / Agora Cart
Shopping Cart
Payment Info to Merchant
AMEX, Discover, MasterCard, Visa
Approved?
No
Yes
Microsoft POS
POS Integration
Shipping & Handling
Cascade into subsequent Process Flows
Order Confirmation
End Process
[online diagramming & design] creately.com

Data Flow Diagrams:

Admin:



USER DOCUMENTATION:

A specific document should be prepared for the maintenance of the system and should say the system in easiest way.

ASSUMPTIONS AND DEPENDENCIES:

ASSUMPTIONS

The code should be free with compilation errors/syntax errors.
The product must have an interface which is attractive, simple enough to understand.

DEPENDENCIES

The necessary hardware and software are available for implementing and use of the tool.
The proposed system would be designed, developed and implemented based on the software requirements specifications document.
End users should have basic knowledge of computer and we also assure that the users will be given software training documentation and reference material.
No client installation required, user can start using a program immediately.
The system is not required to save generated reports.
Users can use the application from any computer with an internet connection, and mostly platform independent.

SPECIFIC REQUIREMENTS

EXTERNAL INTERFACE REQUIREMENTS:

USER INTERFACE:

All pages of the system are following a consistent theme and clear structure. HTML tables are used to display information to give a clear structure that is easy for the user to access the CAS. The first interface is the login screen that is where the user has the specific username and password to gain access to the website. At the time, when administrator login to the system, user name and password are asked, if it valid allowed him/her to proceed. If he or she is invalid user, appropriate error message is displayed.

HARDWARE INTERFACE:

The system is a web based application; users are requiring a modern web browser such as Mozilla Firefox, internet explorer and enables cookies. The computer must have an

internet connection in order to be able to access the system. The system must interface with the standard output devices, keyboard and mouse to interact with the proposed software.

SOFTWARE INTERFACE:

An OS is capable of running a modern web browser which supports HTML version 3.2 or higher.

HTML, JavaScript, CSS and PHP.

COMMUNICATIONS INTERFACE:

The system uses an internet connection and makes direct use of an internet browser. Outside of the HTML, CSS, JavaScript and PHP, the code does not require any software other than the browser.

FUNCTIONAL REQUIREMENTS:

The main functional requirement will use PHP to pull the course information off to the database.

This interface will depend mostly on inserting the information in database and retrieving information from the database. PHP will be integrated into HTML and will retrieve needed information.

Admin can change detail if information is incorrect such as telephone number.

System Administrator can list all students in different period of different group.

OTHER NON-FUNCTIONAL REQUIREMENTS

PERFORMANCE REQUIREMENTS:

The proposed system is fast and error free.

It should have built in error checking and correction facilities.

The system should be able to handle large amount of data comfortably.

The system can take any number of inputs provided the database size in larger enough. This would depend on the available memory space.

There is no restriction on the number of users to be added to the database.

SAFETY AND SECURITY REQUIREMENTS:

SAFETY

The responsibility of the material is shared with administrators of each college and he will be responsible for the material which he enters in the forms.

SECURITY REQUIREMENTS

Username and passwords should be regulated to be at least a certain length and must contain non-alphanumeric characters in both the username and password.

SOFTWARE QUALITY ATTRIBUTES:

ENHANCEMENT: The main objective of Sharp System is to enhance and upgrade the existing system by increasing its efficiency and effectiveness. The software improves the working methods by replacing the existing system with the computer-based system.

AUTOMATION- The CAS automates each and every activity of the manual system and increases its throughput. Thus the response time of the computer is very less and it works very fast.

ACCURACY: The CAS provides the user a quick response with very accurate information regarding the student.

USER-FRIENDLY: The software has a very user-friendly interface. Thus the user will feel very easy to work on it. The software provides accuracy along with a pleasant interface make the present manual system more interactive, speedy and user friendly.

AVAILABILITY: The students can be registered anytime and reports of the system can retrieve when required. Thus, there is no delay in the availability of any information, whenever needed can be captured very quickly and easily.

MAINTENANCE COST: Reduce the cost of maintenance.

SYSTEM DESIGN:

Design is the first step into the development phase for any engineered product or system. Design is a creative process. A good design is the key to effective system. The term “design” is defined as “the process of applying various techniques and principles for the purpose of defining a process or a system in sufficient detail to permit its physical realization”. It may be defined as a process of applying various techniques and principles for the purpose of defining a device, a process or a system in sufficient detail to permit its physical realization. Software design sits at the technical kernel of the software engineering process and is applied regardless of the development paradigm that is used. The system design develops the architectural detail required to build a system or product. As in the case of any systematic approach, this software too has undergone the best possible design phase fine tuning all efficiency, performance and accuracy levels. The design phase is a transition from a user oriented document to a document to the programmers or database personnel. System design goes through two phases of development: Logical and Physical Design.

Module Design(Admin or Entity Operator):

The Administrator or Entity Operator logs in using the login. In this module two operations are done. During login the Login and Password is verified with that in the database.

Input Design:

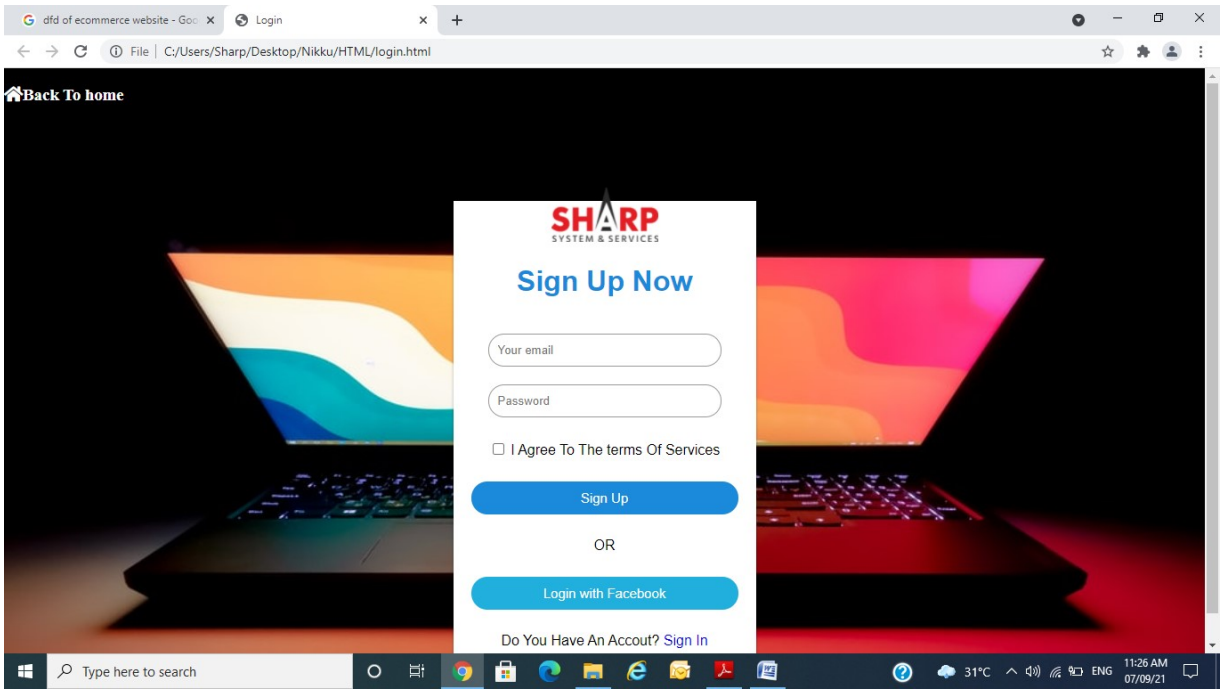
The design of input focuses on controlling the amount of input required, controlling the errors, avoiding delay, avoiding extra steps and keeping the process simple. The input is designed in such a way so that it provides security and ease of use with retaining the privacy.

Output Design:

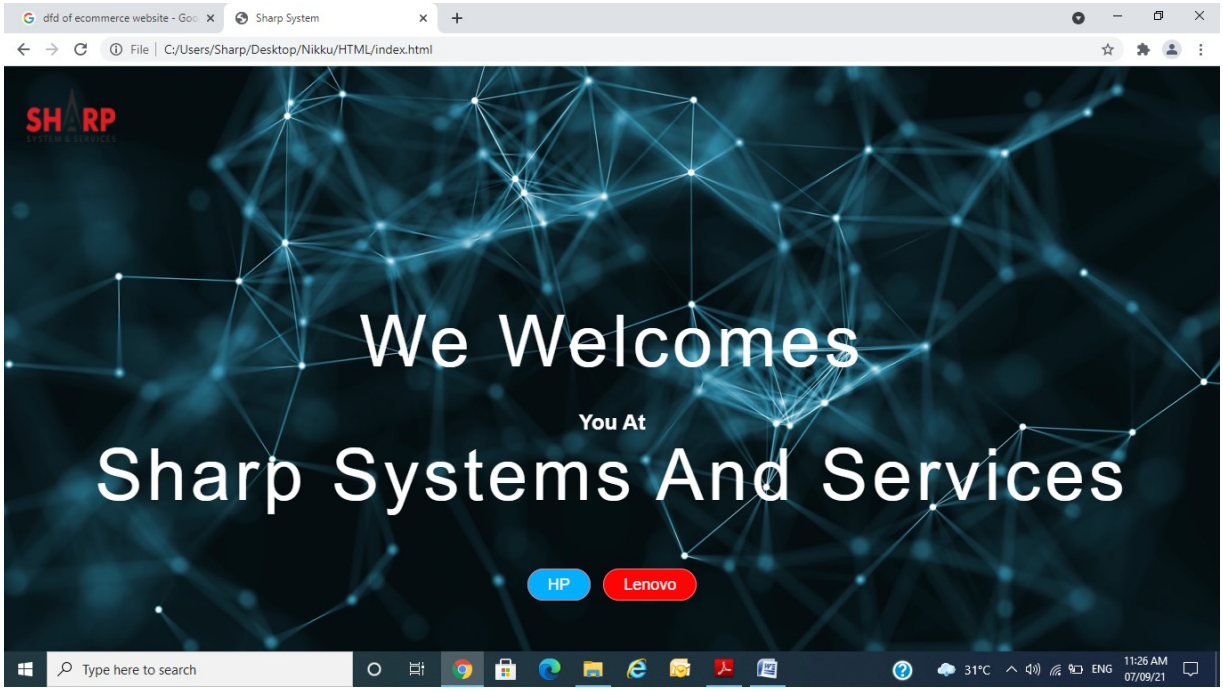
A quality output is one, which meets the requirements of the end user and presents the information clearly. In output design it is determined how the information is to be displaced for immediate need and also the hard copy output. It is the most important and direct source information to the user. Efficient and intelligent output design improves the system’s relationship to help user decision-making.

SCREEN DISPLAY:

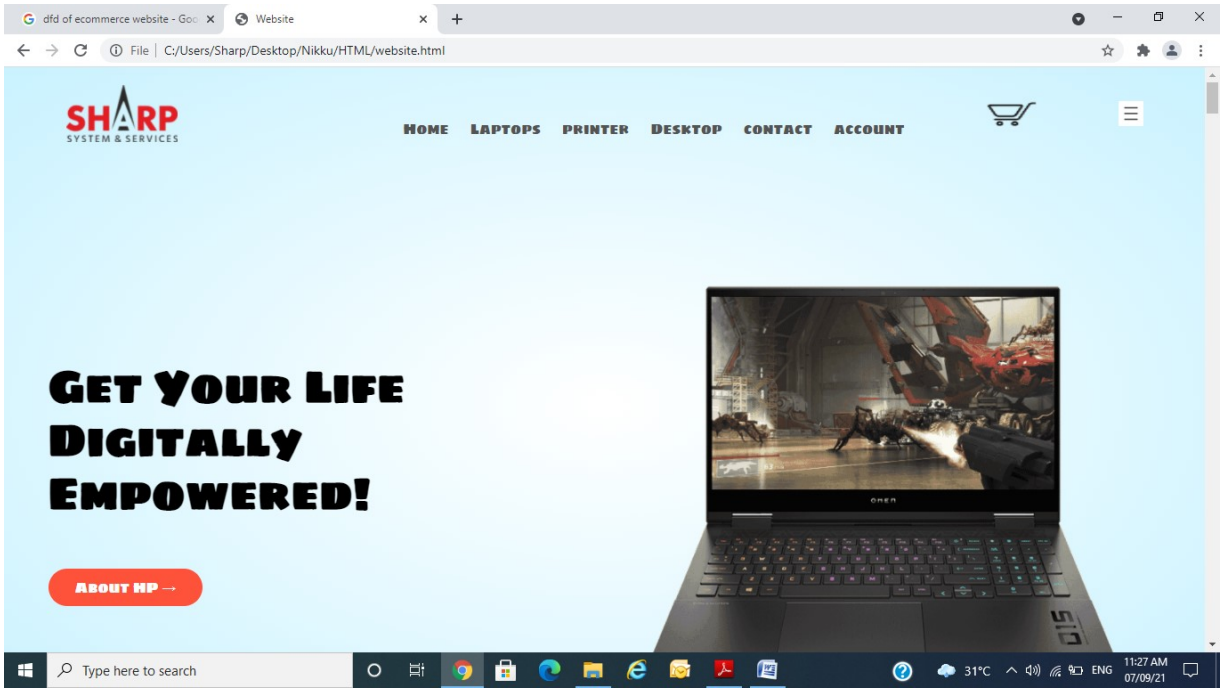
Login Form:



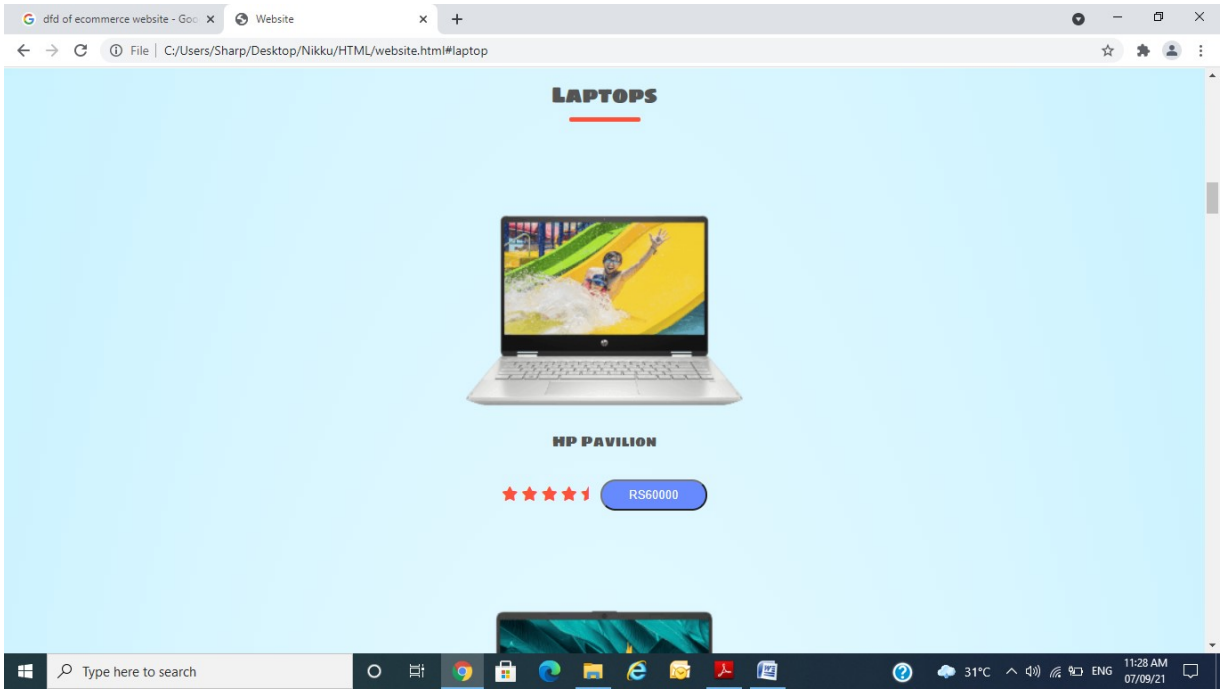
Home Page:


dfd of ecommerce website - Goo
Sharp System
File | C:/Users/Sharp/Desktop/Nikku/HTML/index.html
SHARP
We Welcomes
You At
Sharp Systems And Services
HP
Lenovo
Type here to search
31°C
ENG
11:26 AM
07/09/21

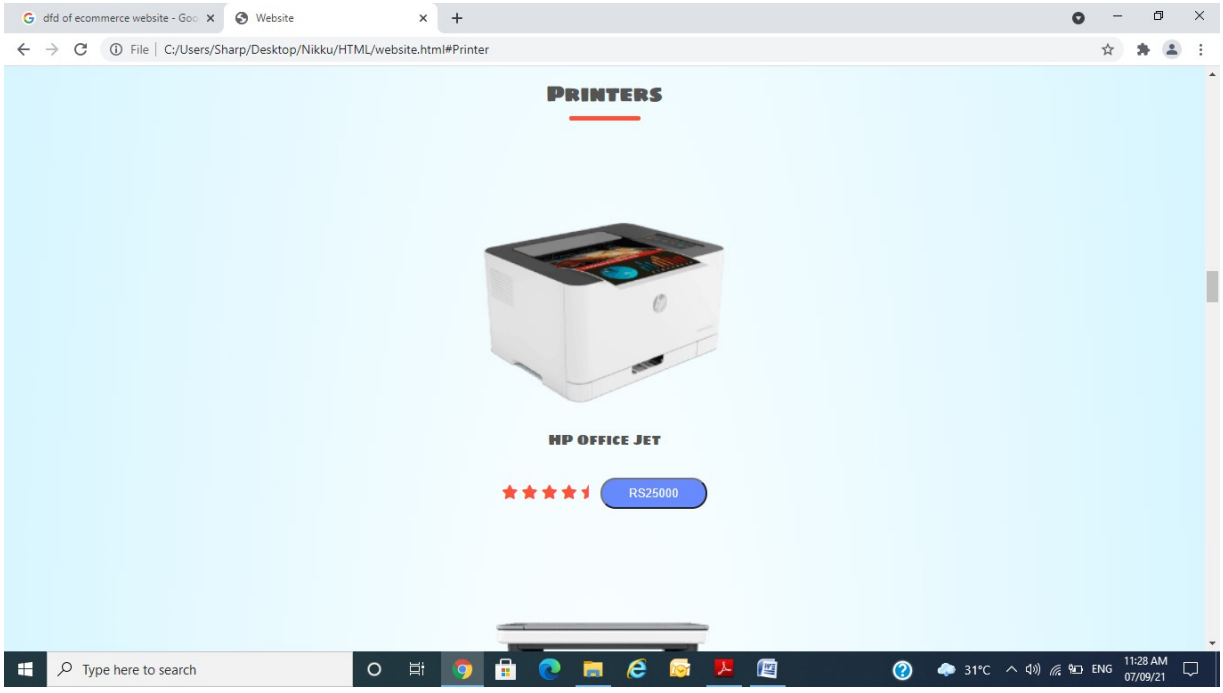
HP :


dfd of ecommerce website - Goo
Website
File | C:/Users/Sharp/Desktop/Nikku/HTML/website.html
SHARP
SYSTEM & SERVICES
HOME
LAPTOPS
PRINTER
DESKTOP
CONTACT
ACCOUNT
GET YOUR LIFE DIGITALLY EMPOWERED!
ABOUT HP →
Type here to search
31°C
ENG
11:27 AM
07/09/21

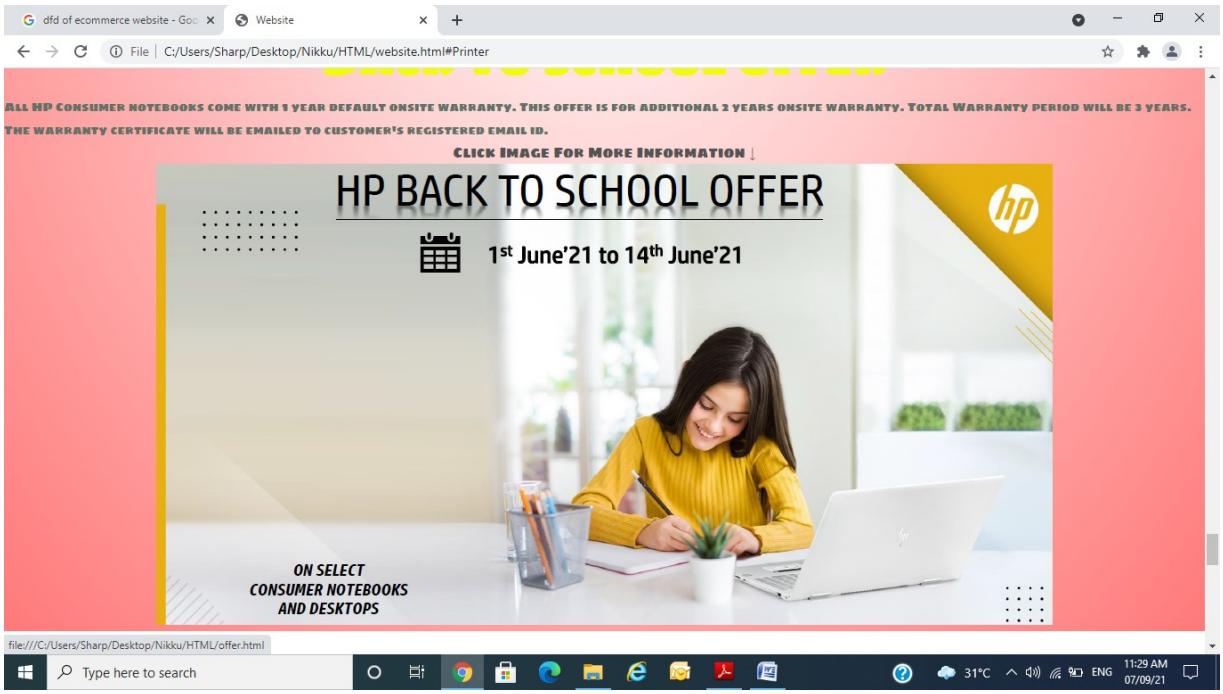
HP Laptops:

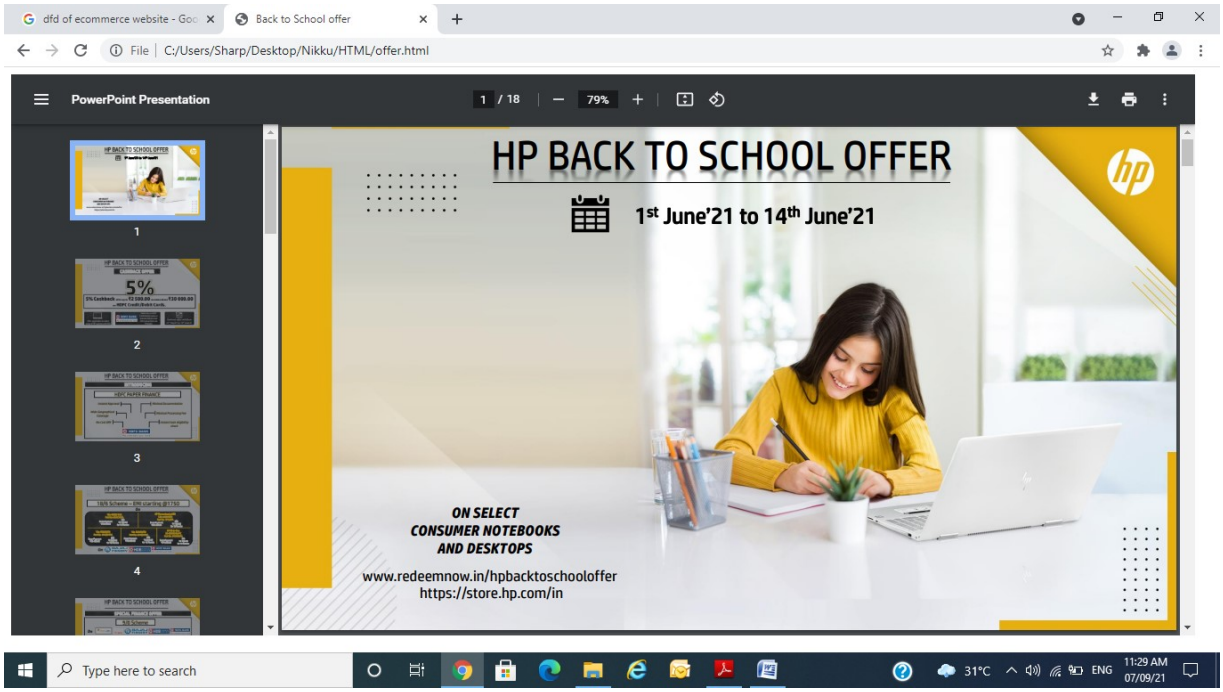


HP Printer:

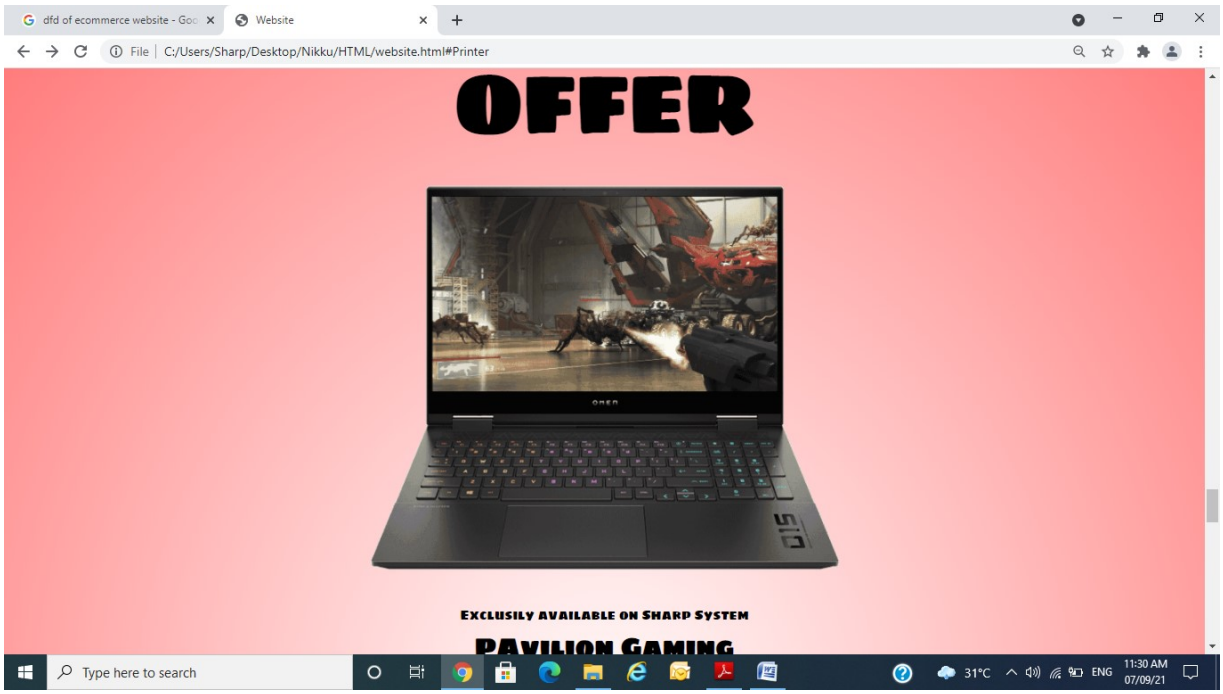


HP Student offer:

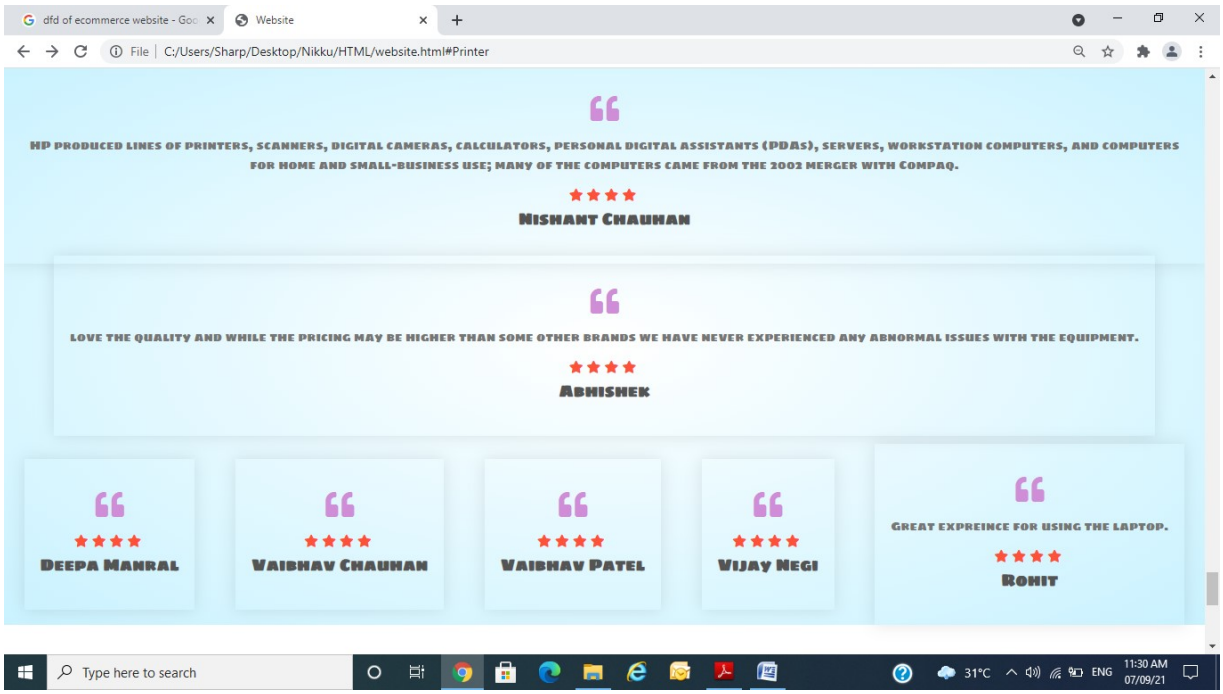




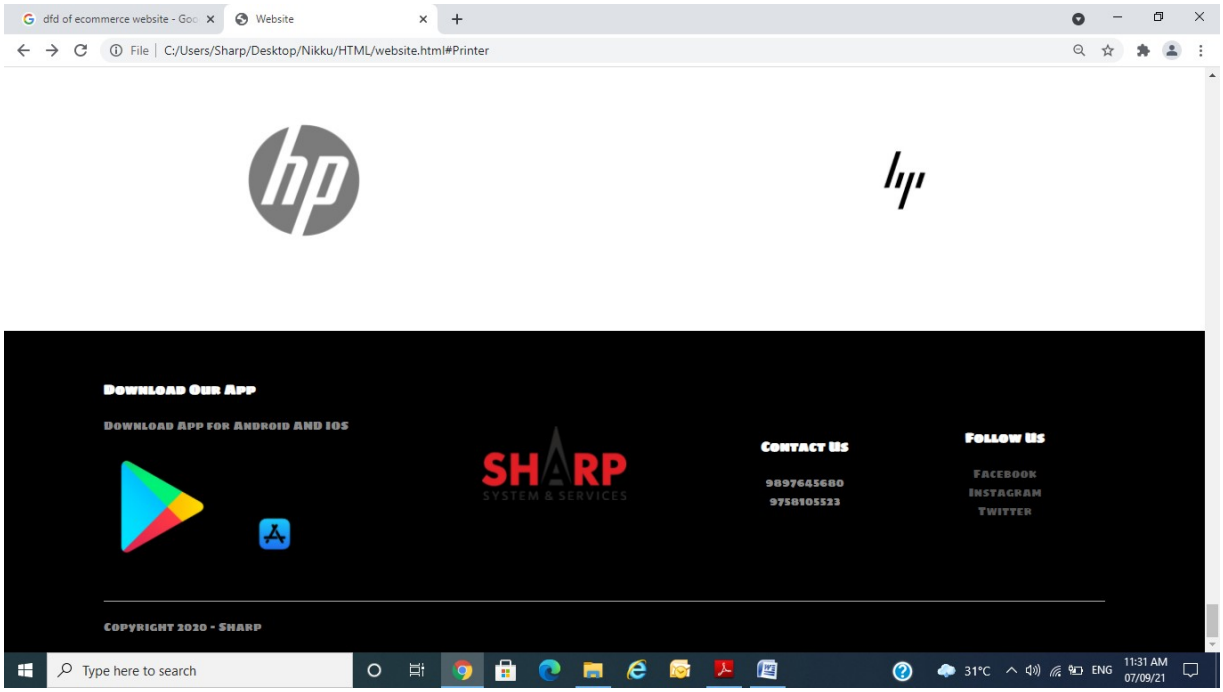
Special Offer:



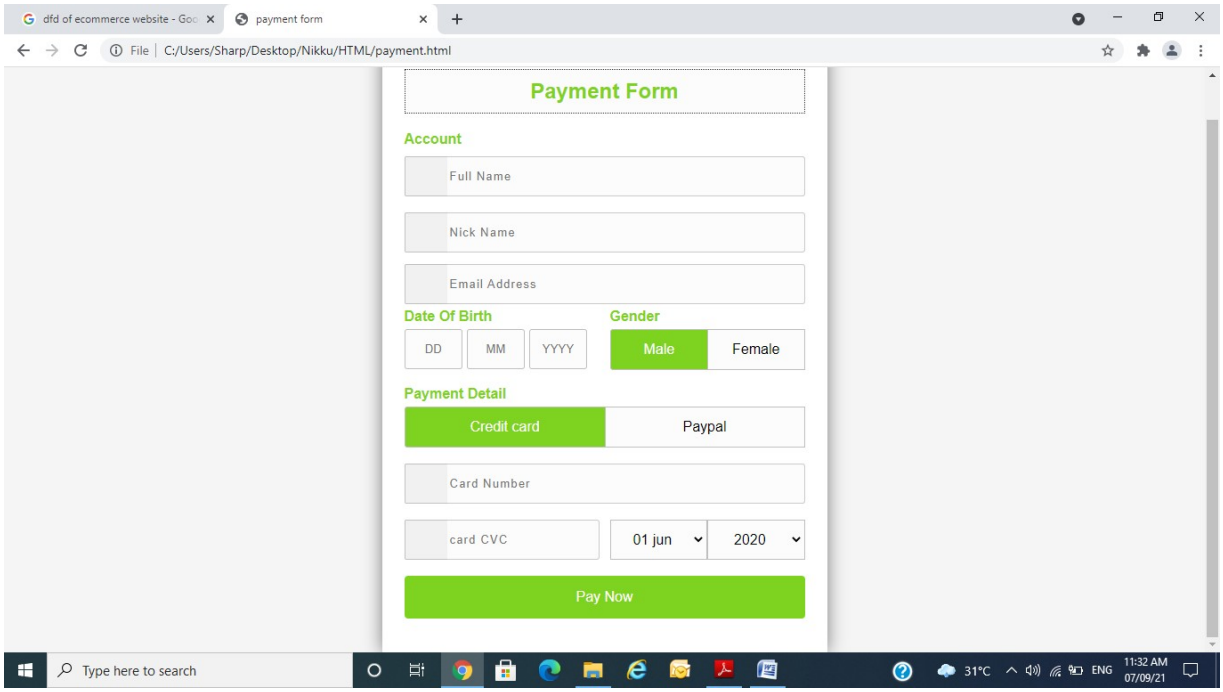
Comment and Rating Section:



Contact detail:



Payment page:



SOURCE CODE:

Login Form:

```
<!DOCTYPE html>

<html>

<head>

<title>Login</title>

<link rel="stylesheet" type="text/css" href="login.css">

<link rel="stylesheet" type="text/css" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/5.15.3/css/all.min.css">

</head>

<body>

<h3><a href="website.html"><i class="fas fa-home">Back To home</i></a></h3>

<div class="sign-up-form">

<img src="images/s.png">

<h1>Sign Up Now</h1>

<form>

<input type="email" class="input-box" name="Email" placeholder="Your email">

<input type="Password" class="input-box" name="Password" placeholder="Password">

<p><span><input type="checkbox"> </span> I Agree To The terms Of Services</p>

<button type="button" class="signup-btn"> Sign Up</button>
```

```
<p class="OR">OR</p>

<button type="button" class="fb-btn">  <a href="https://www.facebook.com/">Login with Facebook</a></button>

<p>Do You Have An Accout? <a href="#">Sign In</a></p>

</form>

</div>

</body>

</html>
```

Home page:

```
<!DOCTYPE html>
<html>
<head>
<title>Sharp System</title>
<link rel="stylesheet" type="text/css" href="style.css">
</head>
<body >
<div id="preloader">
</div>
<section class="header">
<video autoplay loop class="video-background" muted plays-inline>
<source src="images/bgv1.mp4" type="video/mp4">
</video>
<img src="images/s.png" class="logo">
<div class="welcome-msg">
<h1> We Welcomes </h1>
```

```
<h2>You At</h2>
<h1>Sharp Systems And Services</h1>
<br>
<br>
<a href="website.html" class="btn btn-subscribe">HP</a>
<a href="lenovo.html" class="btn btn-comment">Lenovo</a>
</div>
</section>
<script>
var loader = document.getElementById("preloader");
window.addEventListener("load" , function(){
loader.style.display = "none";
})
</script>
</body>
</html>
```

HP:

```
<!DOCTYPE html>
<html>
<head>
<title>Website</title>
<link rel="stylesheet" type="text/css" href="website.css">
<link rel="preconnect" href="https://fonts.gstatic.com">
<link href="https://fonts.googleapis.com/css2?family=Sigmar+One&display=swap" rel
="stylesheet">
<link rel="stylesheet" type="text/css" href="https://cdnjs.cloudflare.com/ajax/li
bs/font-awesome/5.15.3/css/all.min.css">
</head>
<body>
<div class="header">
<div class="container">
<div class="navbar">
<div class="logo">
<img src="images/s.png" width="125px">
</div>
<nav>
<ul id="menuitems">
<li><a href="index.html">Home</a></li>
<li><a href="#laptop">Laptops</a></li>
<li><a href="#Printer">printer</a></li>
<li><a href="#desktop">Desktop</a></li>
<li><a href="#contact">contact</a></li>
```

```
<li><a href="login.html">account</a></li>
</ul>
</nav>
<a href=""><img src="images/cart.png" class="cart"></a>
<a href=""><img src="images/menu.png" class="menuicon"
onclick="menutoggle()"></a>
</div>
<div class="row">
<div class="col">
<h1> Get Your Life <br>Digitally Empowered!</h1>
<a href="https://en.wikipedia.org/wiki/Hp" class="btn">About HP &#8594;</a>
</div>
<div class="col">
<img src="images/omen.png">
</div>
</div>
</div>
</div>
<!--------Featured categories---------->
<div class="categories">
<div class="smallcontainer">
<div class="col2">
<img src="images/hplp.jpg">
</div>
<div class="col2">
<img src="images/hpx360.jpg">
</div>
<div class="col2">
<img src="images/hpx360pen.jpg">
</div>
</div>
```

```
</div>
<!--------Featured products---------->
<div class="small-container">
<h2 class="title" id="laptop">Laptops</h2>
<div class="col-4">
<img src="images/pavilionlp.png">
<h4>HP Pavilion </h4>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-half" aria-hidden="true"></i>
<a href="payment.html"><button class="price"> RS60000</button></a>
</div>
</div>
<div class="col-4">
<img src="images/nb.png">
<h4>HP NB </h4>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-o" aria-hidden="true"></i>
<a href="payment.html"><button class="price"> RS40000</button></a>
</div>
</div>
<div class="col-4">
<img src="images/Envy.png">
<h4>HP ENVY </h4>
```

```
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-half" aria-hidden="true"></i>
<a href="payment.html"><button class="price"> RS80000</button></a>
</div>
</div>
<div class="col-4">
<img src="images/omen.png">
<h4>OMEN Gaming </h4>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<a href="payment.html"><button class="price"> RS100000</button></a>
</div>
</div>
<h2 class="title" id="Printer"> Printers</h2>
<div class="col-4">
<img src="images/laserjet.png">
<h4>HP Office Jet </h4>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-half" aria-hidden="true"></i>
```

```
<a href="payment.html"><button class="price"> RS25000</button></a>
</div>
</div>
<div class="col-4">
<img src="images/neverstop.png">
<h4>HP Laser Tank</h4>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-half" aria-hidden="true"></i>
<a href="payment.html"><button class="price"> RS20000</button></a>
</div>
</div>
<div class="col-4">
<img src="images/smarttank.png">
<h4>HP smart Tank </h4>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-half" aria-hidden="true"></i>
<a href="payment.html"><button class="price"> RS15000</button></a>
</div>
</div>
<div class="col-4">
<img src="images/deskjet.png">
<h4>HP Ink Advantage </h4>
<div class="rating">
```

```
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<a href="payment.html"><button class="price"> RS6000</button></a>
</div>
</div>
<h2 class="title" id="desktop">Desktop</h2>
<div class="col-4">
<img src="images/Gaming.jpg">
<h4>Omen Desktop </h4>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-" aria-hidden="true"></i>
<a href="payment.html"><button class="price"> RS100000</button></a>
</div>
</div>
<div class="col-4">
<img src="images/paviliondt.png">
<h4>Hp Pavilion Desktop </h4>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-" aria-hidden="true"></i>
<a href="payment.html"><button class="price"> RS70000</button></a>
</div>
</div>
```

```
<div class="col-4">
<img src="images/omen_monitor.png">
<h4>Omen MOnitor </h4>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-" aria-hidden="true"></i>
<a href="payment.html"><button class="price"> RS30000</button></a>
</div>
</div>
<div class="col-4">
<img src="images/PavilionAIO.png">
<h4>Pavilion AIO </h4>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-" aria-hidden="true"></i>
<a href="payment.html"><button class="price"> RS55000</button></a>
</div>
</div>
<div class="col-4">
<img src="images/AIO.png">
<h4>HP AIO Desktop </h4>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
```

```
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-" aria-hidden="true"></i>
<a href="payment.html"><button class="price"> RS30000</button></a>
</div>
</div>
</div>
<!----------Offer---------->
<div class="Offer">
<div class="smalllcontainer">
<h2 class="ofrtext">OFFER</h2>
<div class="row">
<div>
<img class="omen" src="images/omen.png">
</div>
<div class="des">
<p>Exclusily available on Sharp System</p>
<h1>PAvilion Gaming</h1>
<small>The HP Pavilion Gaming 16 is a decent highperformance
laptop on the whole. At its price of Rs 1,10,999, HP is offering a 10
th Gen Core i7 processor, an NVIDIA GTX 1660Ti GPU, and a big 16-
inch display.</small>
<br>
<a href="payment.html" class="btn"> BUY NOW &#8594;</a>
</div>
<br>
<br>
<br>
<br>
<br>
</div>
<div>
```

```
<h1 class="ofrh1">Back To school offer</h1>
<small>All HP Consumer notebooks come with 1 year default onsite warranty. This o
ffer is for additional 2 years onsite warranty. Total Warranty period will be 3 y
ears. The warranty certificate will be emailed to customer's registered email id.
</small>
<h4 class="ofrh4">Click Image For More Information &#8595;</h4>
</div>
<div class="offerimg">
<a href="offer.html"><img src="images/offer.png"></a>
</div>
</div>
</div>
<!--------testimonial-------->
<div class="testimonial">
<div class="small-container">
<div class="row">
<div class="col-3">
<i class="fa fa-quote-left" aria-hidden="true"></i>
<p>HP produced lines of printers, scanners, digital cameras, calculators, persona
l digital assistants (PDAs), servers, workstation computers, and computers for ho
me and smallbusiness
use; many of the computers came from the 2002 merger with Compaq.</p>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-" aria-hidden="true"></i>
</div>
<h3>Nishant Chauhan</h3>
</div>
```

```
<div class="col-3">
<i class="fa fa-quote-left" aria-hidden="true"></i>
<p>love the quality and while the pricing may be higher than some other brands we
have never experienced any abnormal issues with the equipment.</p>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-" aria-hidden="true"></i>
</div>
<h3>Abhishek</h3>
</div>
<div class="col-3">
<i class="fa fa-quote-left" aria-hidden="true"></i>
<p></p>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-" aria-hidden="true"></i>
</div>
<h3>Deepa Manral</h3>
</div>
<div class="col-3">
<i class="fa fa-quote-left" aria-hidden="true"></i>
<p></p>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
```

```
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-" aria-hidden="true"></i>
</div>
<h3>Vaibhav Chauhan</h3>
</div>
<div class="col-3">
<i class="fa fa-quote-left" aria-hidden="true"></i>
<p></p>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-" aria-hidden="true"></i>
</div>
<h3>Vaibhav Patel</h3>
</div>
<div class="col-3">
<i class="fa fa-quote-left" aria-hidden="true"></i>
<p></p>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-" aria-hidden="true"></i>
</div>
<h3>Vijay Negi</h3>
</div>
<div class="col-3">
```

```
<i class="fa fa-quote-left" aria-hidden="true"></i>
<p>Great expreince for using the laptop.</p>
<div class="rating">
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star" aria-hidden="true"></i>
<i class="fa fa-star-" aria-hidden="true"></i>
</div>
<h3>Rohit</h3>
</div>
</div>
</div>
</div>
<!--------brands------>
<div class="brands">
<div class="logos">
<div class="row">
<div class="col-5">
<a href="https://store.hp.com/inen/
default?jumpid=ps_ff1cd24f2a&gclid=EAIaIQobChMIsqDw1puC8QIVZIdLBR2b5gE8EAAYA
SA
AEgK2M_D_BwE&gclsrc=aw.ds"><img src="images/hplogo.png"></a>
</div>
<div class="col-5">
<a href="https://www.hp.com/in-en/home.html"><img
src="images/download.png"></a>
</div>
</div>
</div>
</div>
```

```
<!------footer------->
<div class="footer">
<div class="container">
<div class="row">
<div class="footer-col-1">
<h3>Download Our App</h3>
<p>Download App for Android AND IOS</p>
<div class="applogo">
<a href=""><img src="images/newlogo.png"></a>
<a href=""><img src="images/newlogo1.png"></a>
</div>
</div>
<div class="footer-col-2">
<img src="images/s.png">
</div>
<div class="footer-col-3">
<h3 id="contact">Contact Us</h3>
<ul>
<li>9897645680</li>
<li>9758105523</li>
</ul>
</div>
<div class="footer-col-4">
<h3>Follow Us</h3>
<ul>
<a href="https://www.facebook.com/Sharp-System-Services-HP-world-Kashipur-
103623801356674"><li>Facebook</li></a>
<a href="https://www.instagram.com/"><li>Instagram</li></a>
<a href="https://twitter.com/"><li>Twitter</li></a>
</ul>
</div>
```

```
</div>
<hr>
<p class="Copyright">Copyright 2020 - Sharp</p>
</div>
</div>
<!--------js---------->
<script>
var menuitems = document.getElementById("menuitems");
menuitems.style.maxHeight = "0px";
function menutoggle()
{
if(menuitems.style.maxHeight == "0px")
{
menuitems.style.maxHeight = "200px";
}
else
{
menuitems.style.maxHeight = "0px";
}
}
</script>
</body>

</html>
```

Payment Page:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>payment form</title>
<link href="payment.css" rel="stylesheet">
</head>
<body>
<div id="preloader">
</div>
<div class="wrapper">
<h2> Payment Form</h2>
<form method="POST">
<h4>Account</h4>
<div class="input-group">
<div class="input-box">
<input type="text" placeholder="Full Name" required class="name">
<i class="fa fa-user icon"></i>
</div>
</div>
<div class="input-group">
<div class="input-box">
<input type="text" placeholder="Nick Name" required class="name">
<i class="fa fa-user icon"></i>
</div>
</div>
<div class="input group">
```

```
<div class="input-box">
<input type="email" placeholder="Email Address" required class="name">
<i class=" fa fa-envelope icon"></i>
</div>
</div>
<div class="input-group">
<div class="input-box">
<h4>Date Of Birth</h4>
<input type="text" placeholder="DD" class="dob">
<input type="text" placeholder="MM" class="dob">
<input type="text" placeholder="YYYY" class="dob">
</div>
<div class="input-box">
<h4>Gender</h4>
<input type="radio" id="b1" name="gender" checked class="radio">
<label for="b1">Male</label>
<input type="radio" id="b2" name="gender" class="radio">
<label for="b2">Female</label>
</div>
</div>
<div class="input-group">
<div class="input-box">
<h4>Payment Detail</h4>
<input type="radio" name="pay" id="bc1" checked class="radio">
<label for="bc1"><span><i class="fab fa-cc-visa"></i> Credit card</span></label>
<input type="radio" name="pay" id="bc2" class="radio">
<label for="bc2"><span><i class="fab fa-cc-paypal "></i>Paypal</span></label>
</div>
</div>
<div class="input-group">
<div class="input-box">
<input type="tel" placeholder="Card Number" required class="name">
<i class="fa fa-credit-card icon"></i>
</div>
</div>
```

```
<div class="input-group">
<div class="input-box">
<input type="tel" placeholder="card CVC" required class="name">
<i class="fa fa-user icon"></i>
</div>
<div class="input-box">
<select>
<option>01 jun</option>
<option>02 jun</option>
<option>03 jun</option>
</select>
<select>
<option>2020</option>
<option>2021</option>
<option>2022</option>
</select>
</div>
</div>
<div class="input-group">
<div class="input-box">
<button type="submit">Pay Now</button>
</div>
</div>
</form>
</div>
<script>
var loader = document.getElementById("preloader");
window.addEventListener("load" , function(){
loader.style.display = "none";
})
</script>
</body>
</html>
```

Offer Page:

```
<!DOCTYPE html>
<html>
<head>
<title>Back to School offer</title>
</head>
<body>
<embed src="offer.pdf" type="application/pdf" width="1330" height="630"></embed>
</body>
</html>
```

TESTING:

Testing is vital to the success of the system. System testing makes logical assumptions that if all parts of the system are correct, the goal will be successfully achieved. Inadequate testing or non - testing leads to errors that may be the cause of customer's dissatisfaction and frustration.

Unit testing:

Unit testing focuses verification effort on the smallest unit of software design – the software component or module. Using the component level design description as a guide, important control paths are tested to uncover errors within the boundary of the module. The relative complexity of tests and uncovered scope established for unit testing. The unit testing is white-box oriented, and step can be conducted in parallel for multiple components. The modular interface is tested to ensure that information properly flows into and out of the program unit under test. The local data structure is examined to ensure that data stored temporarily maintains its integrity during all steps in an algorithm's execution. Boundary conditions are tested to ensure that all statements in a module have been executed at least once. Finally, all error handling paths are tested.

Integrated Testing:

The modules of a project are not independent of each other nor do they produce any meaningful output when run in isolation. They are invariably related to each other. It is necessary to perform integration testing of the unit tested modules. This is to ensure that no interface errors pop up; there is no problem in passing data from one module to another. So, we adopted incremental integration testing. We combined the unit tested programs one by one to gradually build up the whole structure. Each time testing to uncover any errors while integrating and debugging the cause and then fixing the error. The correction is difficult because isolation of causes is complicated by vast expanse of entire program once these errors are corrected, new ones appear and the process continues in a seemingly endless loop.

System Testing:

System testing uncovers any error that is encountered while running the whole project as a part of outer world. System was tested for recovery and fall back. This form of testing is popularly known as Black Box testing or System testing.

Black Box testing attempts to find errors in the following categories; incorrect or missing functions, interface errors, errors in data structures or external data access, performance errors and initialization errors and termination errors.

SECURITY OF THE PROBLEM:

Here there are no arrangement for making proper security of the data.

Any harm to the account books ultimately prone to whole database.

User needs to be authenticated.

Only administrator is allowed to update or modify the database.

BIBLIOGRAPHY:

Following websites are referring to create this project report:

http://www.google.com
http://www.w3schools.com
http://www.wikipedia.org
http://www.programmer2programmer.net
http://www.codeproject.com

Following books are referring to create this project report:

Rajib Mall, Fundamentals of Software Engineering.
Pankaj Jalote, An Integrated Approach to Software Engineering.
PHP Reference : Beginner to Intermediate PHP5.