

“Gadget Godown”

E-Commerce Web Site

A PROJECT REPORT Submitted By

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Requirements for the Degree of**

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Under the Supervision of

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Submitted to

**DEPARTMENT OF COMPUTER APPLICATIONS
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CERTIFICATE

Certified that Akhil Trivedi- 2100290140014, Yash Verma- 2100290140155, Deepshikha Singh- 2100290140057 have carried out the project work having **"GADGET GODOWN" - An E- COMMERCE WEBSITE** for Master of Computer Applications from Dr. A.P.J. Abdul Kalam Technical University (AKTU), Technical University, Lucknow under my supervision. The project report embodies original work, and studies are carried out by the student himself/herself and the contents of the project report do not form the basis for the award of any other degree to the candidate or to anybody else from this or any other University/Institution.

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ABSTRACT

Our project is **Gadget Godown**. This is a website which helps students to find and buy all types of devices on internet. It is the useful in the way that it makes an easier way to buy devices online.

Gadget Godown is an interactive e-commerce solution providing users with an opportunity to buy devices and accessories.

In this website we have 2 modules. The first module includes the customer module, and second module includes admin module.

The customer must register on the website. The registered customer can view details of the devices and he/she can easily buy those devices of his/her need. He/she must pay and will get home delivery.

The admin module contains the access of admin page on the website. The admin can change everything on the website. He/she could add, delete and update any information regarding the books.

ACKNOWLEDGEMENT

Success in life is never attained single-handedly. My deepest gratitude goes to my thesis supervisor **Mrs. Shalika Arora** for her guidance, help, and encouragement throughout my research work. Their enlightening ideas, comments, and suggestions.

Words are not enough to express my gratitude to **Dr. Arun Kumar Tripathi, Professor and Head, Department of Computer Applications**, for his insightful comments and administrative help at various occasions.

Fortunately, I have many understanding friends, who have helped me a lot on many critical conditions.

Finally, my sincere thanks go to my family members and all those who have directly and indirectly provided me moral support and other kind of help. Without their support, completion of this work would not have been possible in time. They keep my life filled with enjoyment and happiness.

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CHAPTER 1 INTRODUCTION

1.1 PROJECT DESCRIPTION

This project has been developed to override the problems prevailing in the practicing manual system. This application is supported to eliminate and, in some cases, reduce the hardships faced by the existing system. Moreover, this application is designed for moving the office toward secure digitalization. It will enhance the transparency in the work.

No formal knowledge is needed for the user to use this system, user should have some basic knowledge of computer operations and how to handle the computer system. Thus, by this it proves it is user- friendly, this “**Gadget Godown**” can lead to error-free, secure, reliable, and fast system.

This application provides the way to manage the team, office and the project for productive outcome. Through these applications we are approaching towards the less use of papers by virtue of which we are indirectly sustaining the environment.

CHAPTER 2

PROJECT REQUIREMENTS

2.1 TECHNOLOGIES USED

Operating Systems: Microsoft Windows Front
End: HTML/CSS, BOOTSTRAP.

Software Requirements:

- Windows 10/11 or equivalent
- Visual Studio Code
- Web browser

Hardware Requirements:

- Processor – Intel i3 5th generation or higher
- RAM – Minimum 4 GB, recommended 8 GB
- Disk space - Minimum 10 GB of free disk space
- Network Connectivity

CHAPTER 3

SOFTWARE REQUIREMENT SPECIFICATION

3.1 GENERAL DESCRIPTION

This combined aggregation of information and workplace activity constructs a general, specific program or aim which is to be executed or produced within the workplace while working with others as a squad. The history of coaction began many centuries ago, long before the B.C. or A.D. epochs, where at least two persons had to pass on in the attempt of finishing a undertaking, undertaking, or written papers. Therefore, coaction is not a new term, but an enhanced and improved one in the professional workplace.

3.2 PROBLEM STATEMENT

The problem occurred before having computerized system includes:

After discussing our application functions and comparing them to other existing applications, some features were found lacking. This is a new application that will attract the public user through its features. There are always some challenges. We have to face some challenges as well, since the main purpose of our application is to track the user's expenses.

➤ This is a web-based application, so if a user does not have an Android phone, then this application will not help him.

3.3 SYSTEM OBJECTIVES

Improvement in control and performance

The system is developed to cope up with the current issues and problems of forgetting the traditional mechanism. The system identifies who is accessing the profile and the data/information will be updated on the portal. To declare the Project and performance of the user and details.

Save cost

The existing system is based on the pen paper mode and several in the digital mode but is not secured and efficient to work.

Save Time

People at any location will be able to easily order or to search the devices according to their need and requirement.

3.4 Requirement Specification

The application requirement specification is produced at the analysis task. The function and performance allocated to application as part of system engineering are refined by establishing a complete information description, a detailed functional and behavioural description, an indication of performance requirements and design constraints.

3.5 Functional Requirements**User Generated Email and Password**

The application will work with email and password generated by the admin after joining the application.

Delete and Update User

Admin will add, update and delete a user.

Register and Login

To work on the web application, one should be registered and should have to login with the personal email and password which is also linked by their bank account.

3.6 Non-functional Requirements Performance

Requirements

- **User friendly:** The system should be user friendly so that it can easily be understood by the user without any difficulty.
- **Ease of maintenance:** - System should be easy to maintain and use.
- **Less time consuming:** The system should be less time consuming which could be achieved by good programming.
- **Error free:** The system should easily handle the user error in any case.
- **Static:** Application runs on stand-alone machine. Support only single user.

3.5 SOFTWARE AND HARDWARE REQUIREMENTS

This section describes the software and hardware requirements of the system.

SOFTWARE REQUIREMENTS

Operating system- Windows/Linux Operating System This is the web Application which can run on any of the Operating System.

Database- MySQL is used in storing the data in structured manner.

Browser- Any of the browser can be used to run and test the web application's Appearance and working eg. Internet Explorer, Google Chrome, Mozilla Firefox etc.

Development tools and Programming language- HTML/CSS, Javascript ,php is used to write the whole web designing and operational code.

HARDWARE REQUIREMENTS

- Desktop/Laptop any configuration.

3.7 EXISTING VS PROPOSED SYSTEM

Existing system does not have a secure facility of **Gadget Godown** with transparency in Workplace whereas proposed system is secure and transparency in the work of the people.

Existing system does not have any facility of generating Email Online whereas proposed system is working on the facility of generating email and password online by the admin with security.

Existing System does not have the facility of registering and generating organizational password Whereas proposed system is more focused on it.

3.8 Software System Attributes

- **Portability:** - The system should be machine independent.
- **Security:** - The system is designed in such a way that it will store the recorded data in the system of the owner. The system will be secure from unauthorized access of the application.
- **Maintainability:** The system will be designed in a maintainable order. The system can be easily modified and renewed according to the need of the organization.

3.9 Feature of User Performance System

- Internet connection required against the computer.
- Multiple users can login and register on the same portal remotely.
- People can register and login in the system.
- Graphics with a classic look and the feel of a royal Web Application.
- Classic Profile Details to display profile of each user.
- Security of data to be stored.
- Ensures data accuracy (number of alerts generated).
- Minimize manpower.
- Minimize time consumption.
- Greater efficiency.

- Fast.
- Better services.
- User-friendliness and Interactive.
- Minimum time required.
- Easy to add, update and delete.
- User friendly.
- Free for the user.

3.10 Preliminary investigation

After obtaining the background knowledge, we began to collect data on the existing system.

The tools that are used in information gathering are as follows:

- Online Apps observation.
- Review of the people

The model we have used is Prototype Model. In this model, first of all the existing system is observed, then customer requirements are taken in consideration then planning, modelling, construction and finally deployment and again adding the new system if asked by the customer to do so.

3.11 Model used: Prototype Model

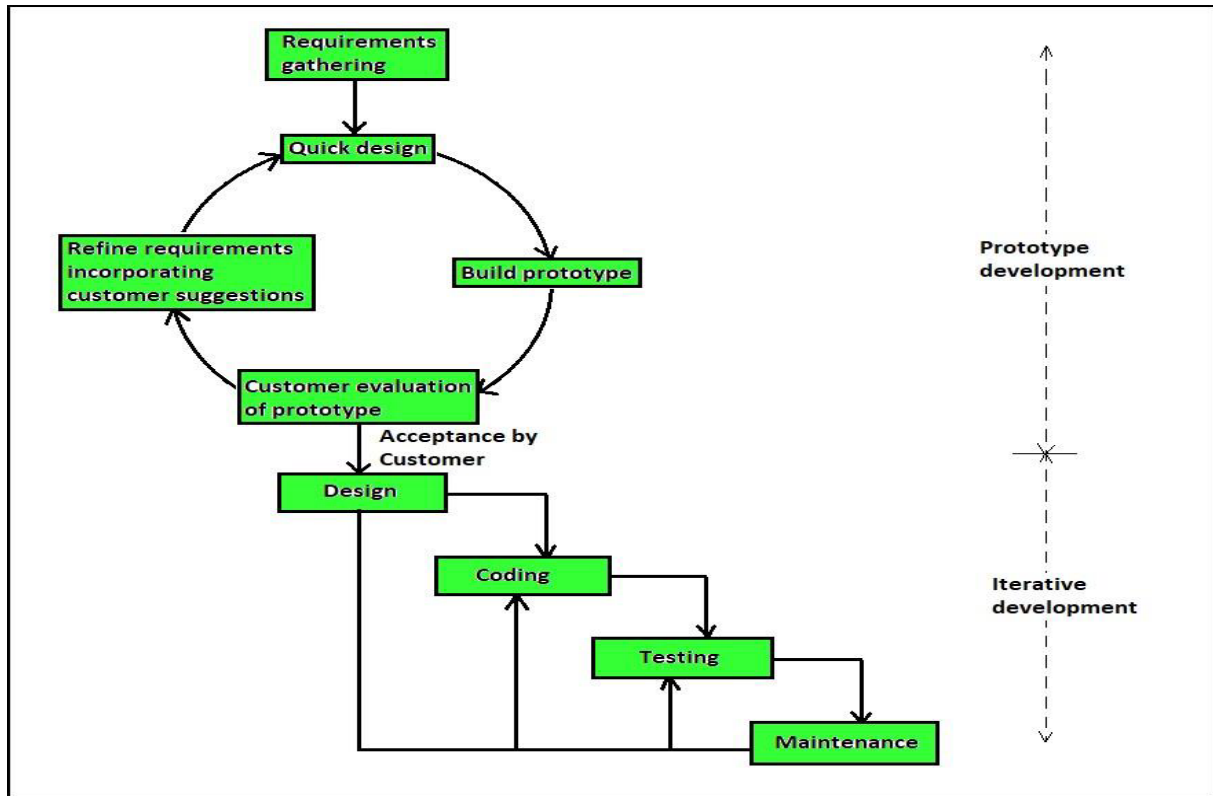


Fig. 1: Prototype Model

The prototype model requires that before carrying out the development of actual software, a working prototype of the system should be built. A prototype is a toy implementation of the system. A prototype usually turns out to be a very crude version of the actual system, possibly exhibiting limited functional capabilities, low reliability, and inefficient performance as compared to actual software. In many instances, the client only has a general view of what is expected from the software product.

3.12 Preliminary Description

The first step in the system development life cycle is the preliminary investigation to determine the feasibility of the system. The purpose of preliminary investigation is to evaluate project requests. It is not a design study, nor does it include the collection of details to describe the system in all respect. Rather, it is the collecting of information that helps committee members to evaluate the merits of project request and make an informed judgement about the feasibility of the proposed project.

Analyst working on the preliminary investigation should accomplish the following objectives:

- Clarify and understand the project request.

- Determine the size of the project.
- Access costs and benefits of alternative approaches.
- Determine the technical and operational feasibility of alternative approaches.
- Report the findings to management with recommendations outlining the acceptance and rejection of the proposal

CHAPTER 4

ANALYSIS

4.1 Feasibility study

After studying and analysing all the existing and requires functionalities of the system, the next task is to do the feasibility study for the project. Feasibility study includes consideration of all the possible ways to provide a solution to a given problem. The proposed solution should satisfy all the user requirements and should be flexible enough so that future changes can be easily done based on the future upcoming requirements.

- **Economical Feasibility**

For the economic feasibility, Economic analysis or cost/benefits analysis is most frequently used technique the effectiveness of a proposed system. it is a procedure to determine the benefits and saving those are expected from the proposes system and compare them with cost. if the benefits outweigh the costs, a decision is taken to design and implement the system. otherwise, further justification or alternative in proposed system will have to be made if it is to have a chance of being approved this is ongoing effort that improves in accuracy at each phase of a system life cycle

- **Technical Feasibility**

This included the study of function, performance and constraints that may affect the ability to achieve an acceptable system. For this feasibility study, we studied complete functionalities to be provided in the system, as described in the System Requirement Specification (SRS) and checked if everything was possible using different type of front end and back-end platform.

◦ **Operational Feasibility**

No doubt the technically growing world needs more enhancement in technology, this apps is very user friendly and all inputs to be taken all self-explanatory even to a layman. As far our study is concerned, the clients will be comfortable and happy as the system has cut down their loads and bring the young generation to the same virtual world they are growing drastically.

Operational feasibility covers two aspects.one technical performance aspects and the other is acceptance within the organization.

Operation feasibility determine how the proposed the system will fit in with the current operation and what needs to implement the system.

CHAPTER 5

5.1 Planning and scheduling

Gantt chart

A Gantt chart can be developed for the entire project, or a separate chart can be developed for each function. A tabular form is maintained where rows indicate the task with milestones and columns indicate duration (Weeks).

Week	1	2	3	4	5	6	7	8	9	10	11	12
Activities												
Research												
Define Specification												
Project Planning												
Design												
Development												
Test Plan												
Testing and Q A												
Delivery												

Fig. 2: Gantt Chart

Software Requirements with specifications

Name of Components	Specifications
Operating system	Windows
Language	HTML/CSS, JavaScript
Software Development kit	Google Chrome
Markup Language Enable	HTML

Hardware Requirements with specifications

Name of Components	Specifications
Desktop/Laptop	Any Configuration
Memory Used	100.31 MB

5.2 DATA FLOW DIAGRAM

Data flow diagram Are used to graphically represent the flow of data in a **“Gadget Godown Website”**. DFD describes the processes that are involved in a system to transfer data from the admin to the user, user to the user, user to admin etc.

“Gadget Godown” website this system shows the flow of data in admin Modules on many Actions.

It shows the flow of data among the sub module in it Admin data flow on the sub screen.

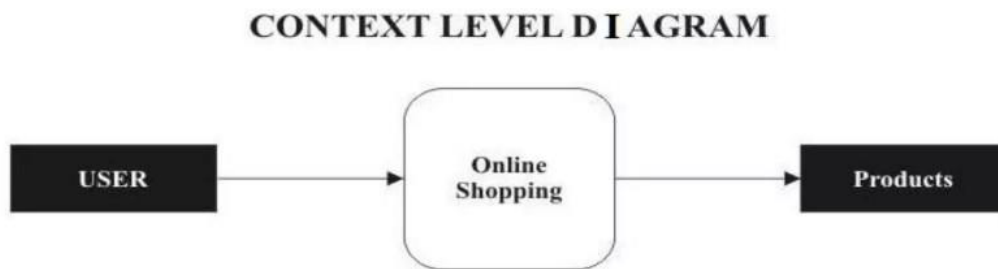


Fig. 3 DFD Level 0

User Performance System this system shows the flow of data in User Modules on many Actions. It shows the flow of data among the sub module in it User data flow on the sub screen. It is with who is someone's expense manager.

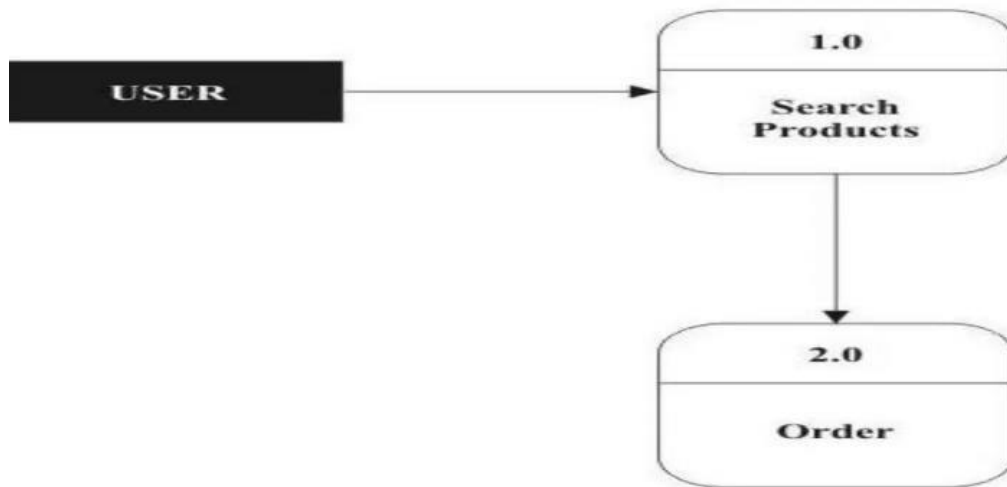


Fig. 4: User DFD Level 1

User Performance System this system shows the flow of data in User Modules on many Actions. It shows the flow of data among the sub module in its user data flow on the sub screen. It is with who is not someone's expense manager.

5.3 CLASS DIAGRAM

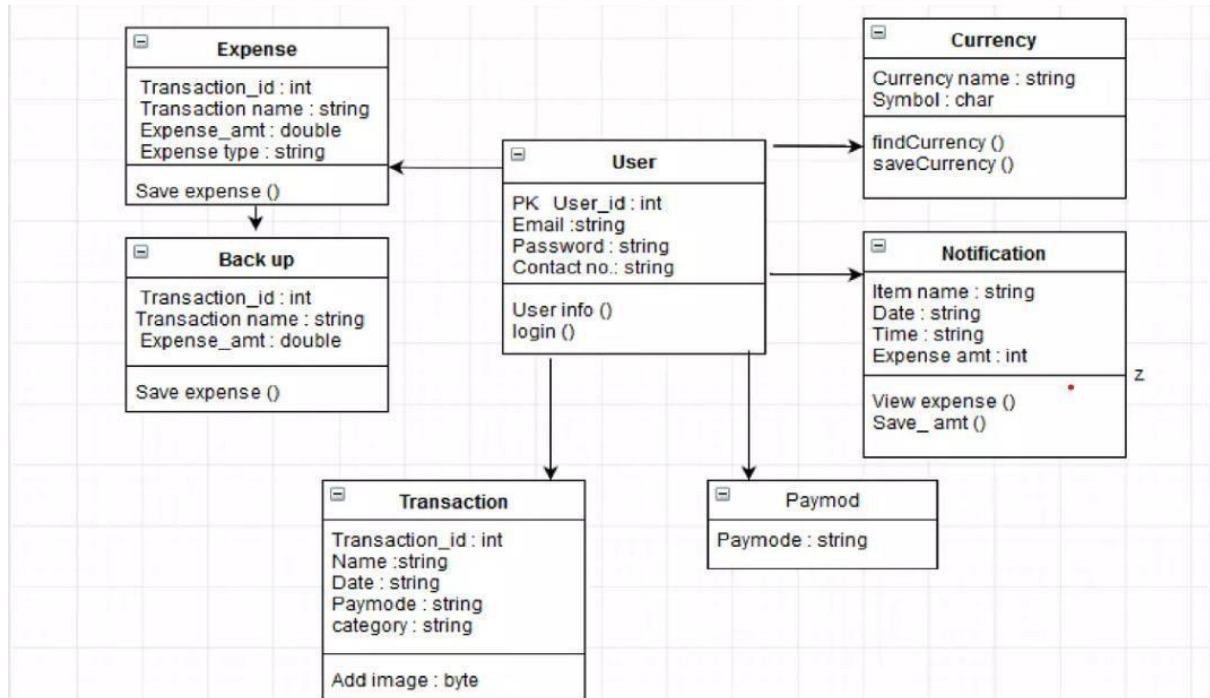


Fig. 6: Class Diagram

5.5 ENTITY RELATIONSHIP DIAGRAM

This ER Diagram represents the model of Workplaces Coaction System Entity. The Entity Relationship Diagram show all visual instrument of Database table and relation between Homepage, Admin Page, User Page. All of it have Structured data and every entity may have some attributes.

User Performance System Entity and their Attributes:

1. Admin: Attribute of Admin: Email id, Password, Forget Password.
2. Insert New User Details: Attributes are Name, Email, Password, Gender, Phone.
3. Delete New User: Attributes are Name, Email, Password, Gender, Phone.

4. Update Details of Self: Attributes are Name, Email, Password, Gender, Phone.
5. User: Attribute of User: Email id, Password, Forget Password.
6. User Update Details: Attributes are Name, Email, Gender, Phone.
7. Search User: Attributes are Name, Email, Gender, Phone.
8. View Profile of User: Attributes are Name, Email, Gender, Phone.

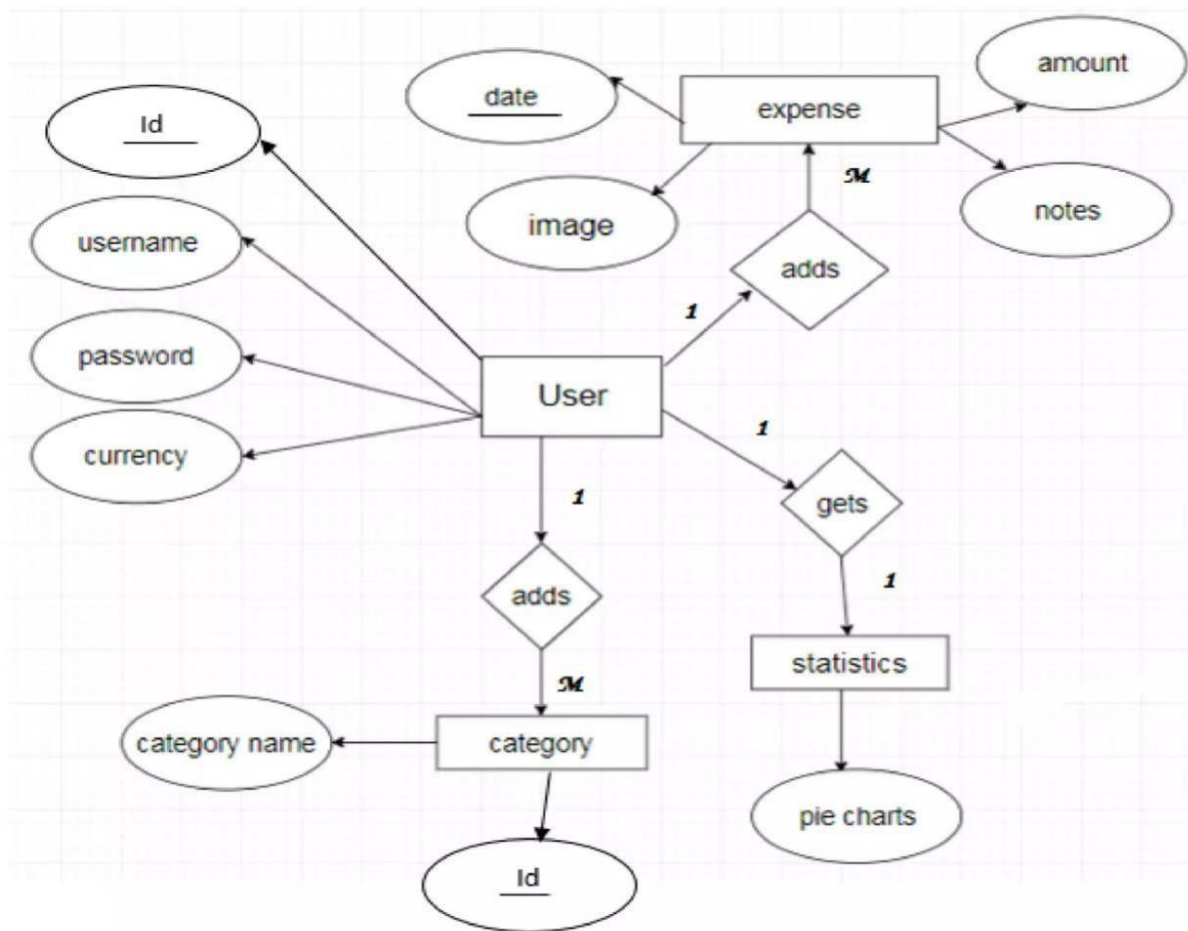


Fig. 5: Entity relationship Diagram

5.4 USE CASE DIAGRAM

Use-case diagrams model the behaviour of a system and help to capture the requirements of the system. Use-case diagrams describe the high-level functions and scope of a system. These diagrams also identify the interactions between the system and its actors.

A use case diagram is used to represent the dynamic behaviour of a system. It encapsulates the system's functionality by incorporating use cases, actors, and their relationships. It models the tasks, services, and functions required by a system/subsystem of an application. It depicts the high-level functionality of a system and tells how the user handles a system.

Purposes of a use case diagram given below:

1. It gathers the system's needs.
2. It depicts the external view of the system.
3. It recognizes the internal as well as external factors that influence the system.
4. It represents the interaction between the actors.

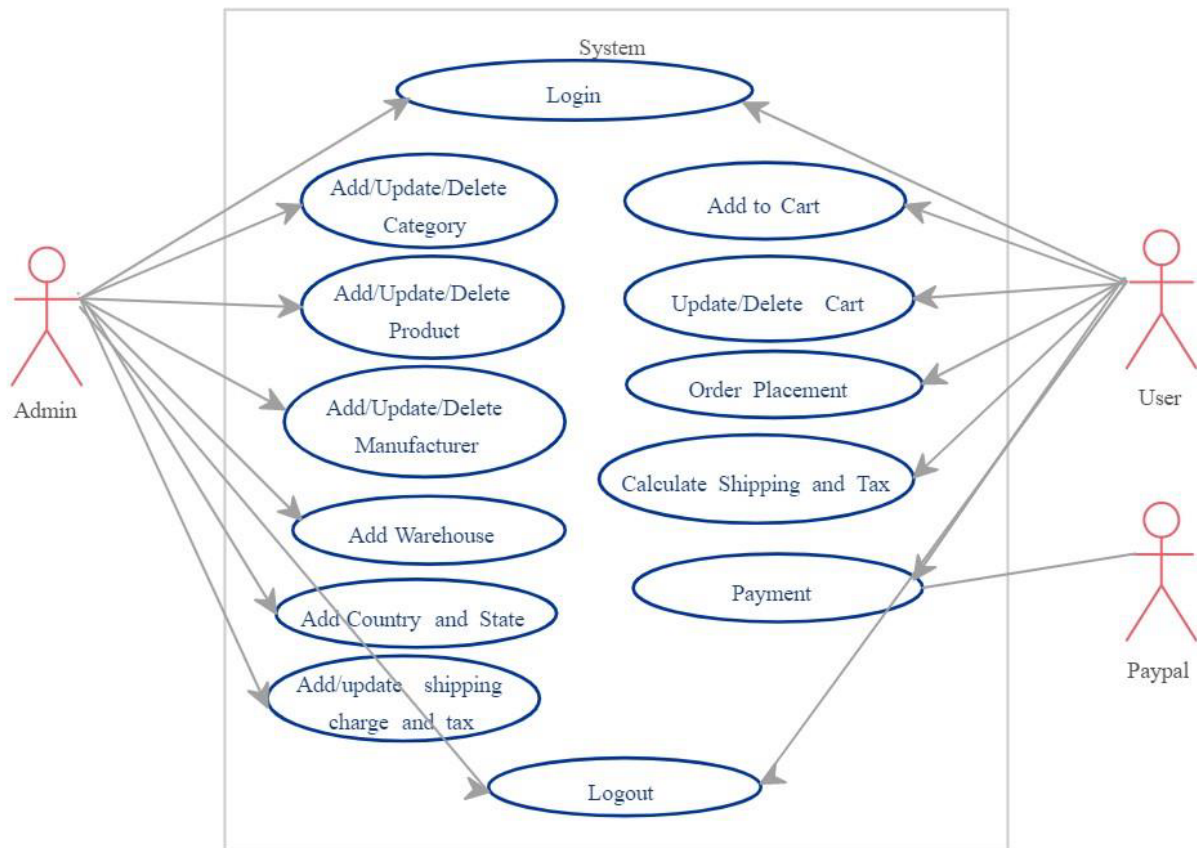


Fig. 6: Use Case Diagram

5.5 ACTIVITY DIAGRAM

Activity diagram is another important diagram in UML to describe the dynamic aspects of the system.

Activity diagram is basically a flowchart to represent the flow from one activity to another activity. The activity can be described as an operation of the system.

The control flow is drawn from one operation to another. This flow can be sequential, branched, or concurrent. Activity diagrams deal with all type of flow control by using different elements such as fork, join, etc

The basic purposes of activity diagrams are like other four diagrams. It captures the dynamic behaviour of the system. Other four diagrams are used to show the message flow from one object to another, but activity diagram is used to show message flow from one activity to another.

Activity is a particular operation of the system. Activity diagrams are not only used for visualizing the dynamic nature of a system, but they are also used to construct the executable system by using forward and reverse engineering techniques. The only missing thing in the activity diagram is the message part.

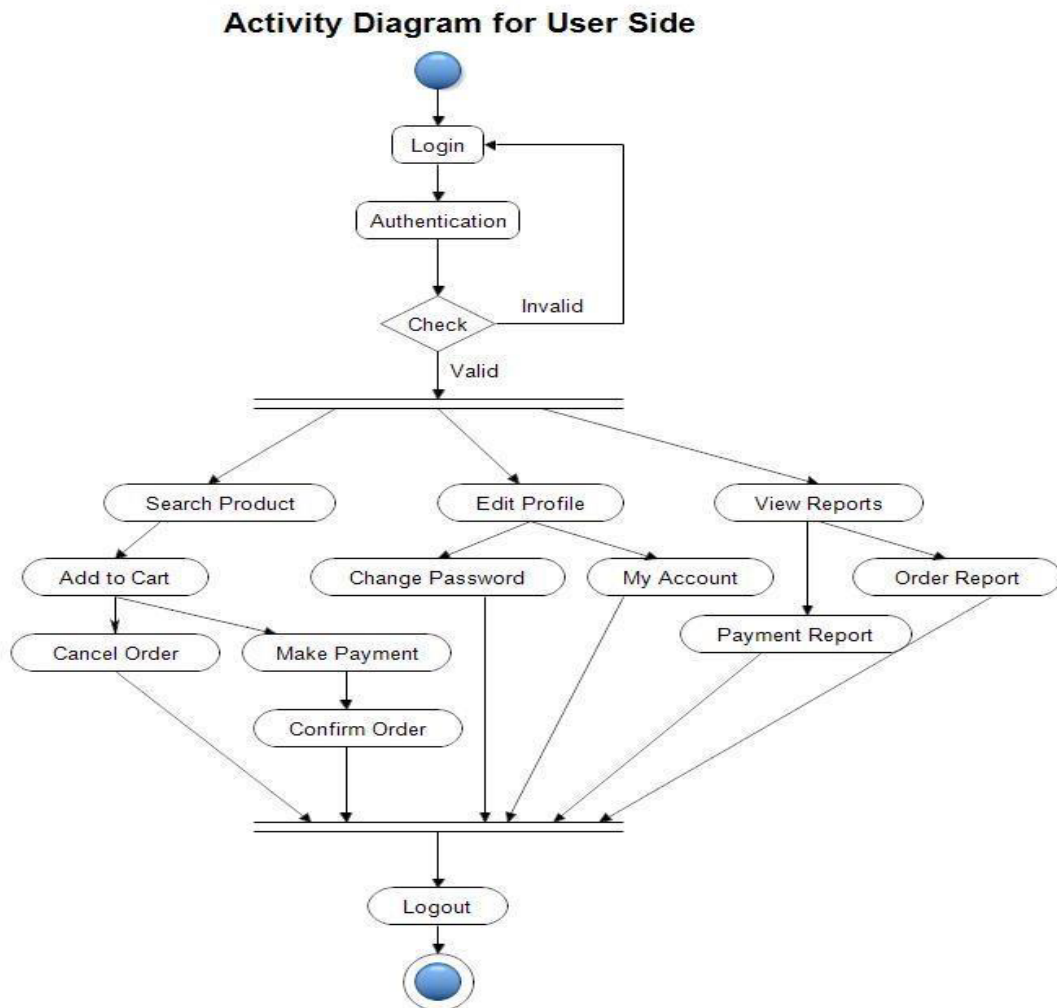


Fig. 7: Activity Diagram

5.6 SEQUENCE DIAGRAM

The sequence diagram represents the flow of messages in the system and is also termed as an event diagram. It helps in envisioning several dynamic scenarios. It portrays the communication between any two lifelines as a time-ordered sequence of events, such that these lifelines took part at the run time. In UML, the lifeline is represented by a vertical bar, whereas the message flow is represented by a vertical dotted line that extends across the bottom of the page. It incorporates the iterations as well as branching

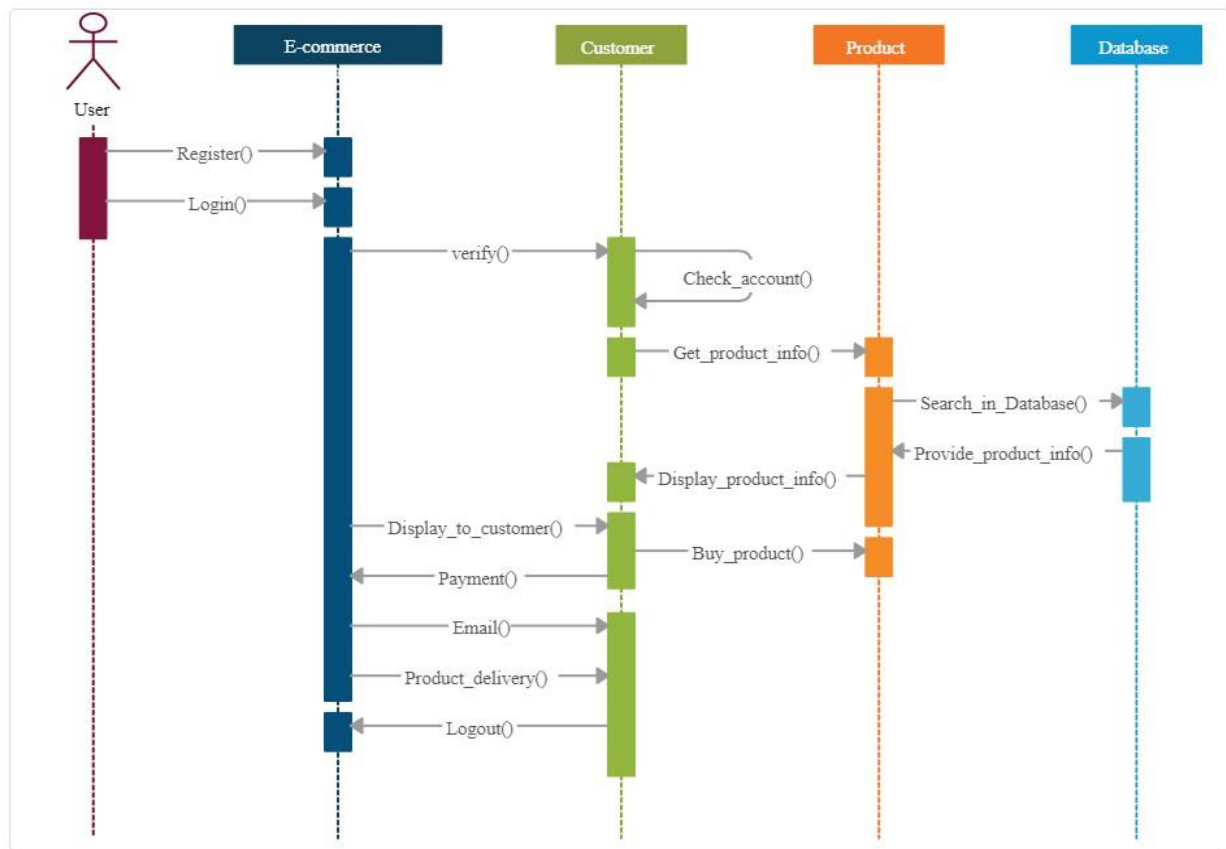


Fig. 8: Sequence Diagram

5.7 INPUT OUTPUT DIAGRAM

The **input–process–output (IPO) model** is a widely used approach in systems analysis and software engineering for describing the structure of an information processing program or another process. Many introductory programming and systems analysis texts introduce this as the most basic structure for describing a process.

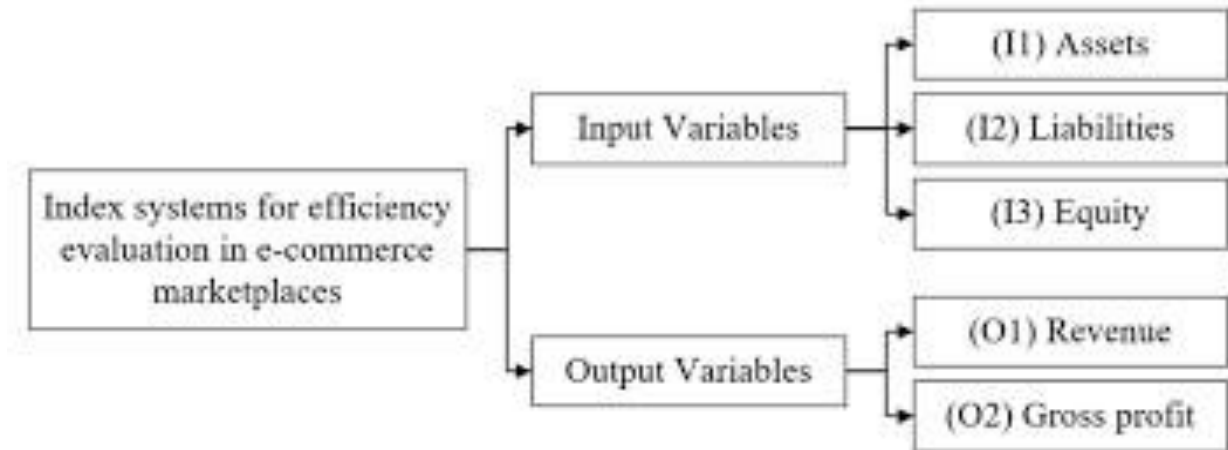


Fig. 9: Input Output Diagram

CHAPTER 6

CODING AND IMPLEMENTATION

6.1 Index.html

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8">
  <title>Gadget Godown</title>

```

```

<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta name="description" content="">
<meta name="author" content="">
<!--Less styles -->
<!-- Other Less css file //different less files have distinct colour scheme
    <link rel="stylesheet/less" type="text/css" href="themes/less/simplex. less">
    <link rel="stylesheet/less" type="text/css" href="themes/less/classified. less">
    <link rel="stylesheet/less" type="text/css" href="themes/less/amelia.less"> MOVE DOWN
TO activate
    -->
    <!--<link    rel="stylesheet/less"    type="text/css"    href="themes/less/bootshop.less">
    <script src="themes/js/less.js" type="text/javascript"></script> -->

<!-- Bootstrap style -->
    <link      id="callCss"      rel="stylesheet"      href="themes/bootshop/bootstrap.min.css"
media="screen"/>
    <link href="themes/css/base.css" rel="stylesheet" media="screen"/>
<!-- Bootstrap style responsive -->
    <link href="themes/css/bootstrap-responsive.min.css" rel="stylesheet"/>
    <link href="themes/css/font-awesome.css" rel="stylesheet" type="text/css">
<!-- Google-code-prettify -->
    <link href="themes/js/google-code-prettify/prettify.css" rel="stylesheet"/>
<!-- fav and touch icons -->
    <link rel="shortcut icon" href="themes/images/ico/favicon.ico">
    <link rel="apple-touch-icon-precomposed" sizes="144x144" href="themes/images/ico/apple-
touch-icon-144-precomposed.png">
    <link rel="apple-touch-icon-precomposed" sizes="114x114" href="themes/images/ico/apple-
touch-icon-114-precomposed.png">
    <link rel="apple-touch-icon-precomposed" sizes="72x72" href="themes/images/ico/apple-
touch-icon-72-precomposed.png">

```

```

<link rel="apple-touch-icon-precomposed" href="themes/images/ico/apple-touch-icon57-
precomposed.png">
    <style type="text/css" id="enject"></style>
</head>
<body>
<div id="header">
<div class="container">
<div id="welcomeLine" class="row">
    <div class="span6">Welcome!<strong> User</strong></div>
    <div class="span6">
        <div class="pull-right">
            <a href="product_summary.html"><span class="">Fr</span></a>
            <a href="product_summary.html"><span class="">Es</span></a>
            <span class="btn btn-mini">En</span>
            <a href="product_summary.html"><span>&pound;</span></a>
            <span class="btn btn-mini">$155.00</span>
            <a href="product_summary.html"><span class="">$</span></a>
            <a href="product_summary.html"><span class="btn btn-mini btn-
primary"><i class="icon-shopping-cart icon-white"></i> [ 3 ] Itemes in your cart </span> </a>
        </div>
    </div>
</div>
</div>
<!-- Navbar ===== -->
<div id="logoArea" class="navbar">
<a id="smallScreen" data-target="#topMenu" data-toggle="collapse" class="btn btnnavbar">
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
</a>
    <div class="navbar-inner">

```

```

<a class="brand" href="index.html"></a>
<form class="form-inline navbar-search" method="post" action="products.html" >
    <input id="srchFld" class="srchTxt" type="text" />
    <select class="srchTxt">
        <option>All</option>

    </select>

    <button type="submit" id="submitButton" class="btn btnprimary">Go</button>
</form>
<ul id="topMenu" class="nav pull-right">
    <li class=""><a href="special_offer.html">Specials Offer</a></li>
    <li class=""><a href="normal.html">Delivery</a></li>
    <li class=""><a href="contact.html">Contact</a></li>
    <li class="">
        <a href="#login" role="button" data-toggle="modal" style="paddingright:0"><span
class="btn btn-large btn-success">Login</span></a>
        <div id="login" class="modal hide fade in" tabindex="-1" role="dialog"
arialabelledby="login" aria-hidden="false" >
            <div class="modal-header">
                <button type="button" class="close" data-dismiss="modal" ariahidden="true">×</button>
                <h3>Login Block</h3>
            </div>
            <div class="modal-body">
                <form class="form-horizontal loginFrm">
                    <div class="control-group">
                        <input type="text" id="inputEmail" placeholder="Email">
                    </div>
                    <div class="control-group">
                        <input type="password" id="inputPassword" placeholder="Password">

```



```

    </div>
    <div class="control-group">
        <label class="checkbox">
            <input type="checkbox"> Remember me
        </label>
    </div>
</form>
<button type="submit" class="btn btn-success">Sign in</button>
<button class="btn" data-dismiss="modal" aria-
hidden="true">Close</button>
</div>
</div>
</li>
</ul>
</div>
</div>
</div>
</div>
</div>
<!-- Header
End=====
===== -->
<div id="carouselBlk">
    <div id="myCarousel" class="carousel slide">
        <div class="carousel-inner">
            <div class="item active">
                <div class="container">
                    <a href="register.html"></a>
                <div class="carousel-caption">
                    <h4>Second Thumbnail label</h4>

```

<p>Cras justo odio, dapibus ac facilisis in, egestas eget quam. Donec id elit non mi porta gravida at eget metus. Nullam id dolor id nibh ultricies vehicula ut id elit.</p>

</div>

</div>

</div>

<div class="item">

<div class="container">

<div class="carousel-caption">

<h4>Second Thumbnail label</h4>

<p>Cras justo odio, dapibus ac facilisis in, egestas eget quam. Donec id elit non mi porta gravida at eget metus. Nullam id dolor id nibh ultricies vehicula ut id elit.</p>

</div>

</div>

</div>

<div class="item">

<div class="container">

<div class="carousel-caption">

<h4>Second Thumbnail label</h4>

<p>Cras justo odio, dapibus ac facilisis in, egestas eget quam. Donec id elit non mi porta gravida at eget metus. Nullam id dolor id nibh ultricies vehicula ut id elit.</p>

</div>

</div>

</div>

<div class="item">

```

<div class="container">
    <a href="register.html"></a>
    <div class="carousel-caption">
        <h4>Second Thumbnail label</h4>
        <p>Cras justo odio, dapibus ac facilisis in, egestas eget
quam. Donec id elit non mi porta gravida at eget metus. Nullam id dolor id nibh ultricies vehicula
ut id elit.</p>
    </div>

</div>
</div>
<div class="item">
<div class="container">
    <a href="register.html"></a>
    <div class="carousel-caption">
        <h4>Second Thumbnail label</h4>
        <p>Cras justo odio, dapibus ac facilisis in, egestas eget
quam. Donec id elit non mi porta gravida at eget metus. Nullam id dolor id nibh ultricies vehicula
ut id elit.</p>
    </div>

</div>
</div>
<div class="item">
<div class="container">
    <a href="register.html"></a>
    <div class="carousel-caption">
        <h4>Second Thumbnail label</h4>
        <p>Cras justo odio, dapibus ac facilisis in, egestas eget

```

quam. Donec id elit non mi porta gravida at eget metus. Nullam id dolor id nibh ultricies vehicula ut id elit.</p>

</div>

</div>

</div>

</div>

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</div>

</div>

<div id="mainBody">

<div class="container">

<div class="row">

<!-- Sidebar ===== -->

<div id="sidebar" class="span3">

<div class="well well-small">3 Items in your cart \$155.00</div>

<ul id="sideManu" class="nav nav-tabs nav-stacked">

<li class="subMenu open"><a> ELECTRONICS [230]

<i class="icon-chevronright"></i>Cameras (100)

<i class="icon-chevron-right"></i>Computers, Tablets & laptop (30)

<i class="icon-chevron-right"></i>Mobile Phone (80)

<i class="icon-chevron-right"></i>Sound & Vision (15)

<div class="thumbnail">

<div class="caption">

<h6>HP All-in-One 12th Gen Intel Core i3-27inches/68.6 cm 8GB RAM/512GB SSD/FHD, Micro-Edge, Anti-Glare Display/Wireless Keyboard & Mouse/Intel UHD Graphics/Windows 11/MSO 2021, 27-cb1345in</h6>

<h4 style="text-align:center"> <i class="icon-zoom-in"></i> Add to <i class="icon-shopping-cart"></i> \$2220.00</h4>

</div>

</div>

<div class="thumbnail">

<div class="caption">

<h6>ASUS VivoBook 14 (2021), Intel Core i5-1135G7 11th Gen, 14-Inch (35.56 cms) FHD Thin and Light Laptop (8GB RAM/1TB HDD + 256GB SSD/Office 2019/Windows 10/Integrated/Silver/1.6 kg), X415EA-EB572TS</h6>

<h4 style="text-align:center"> <i class="icon-zoom-in"></i> Add to <i class="icon-shopping-cart"></i> \$222.00</h4>

</div>

</div>

<div class="thumbnail">

<div class="caption">

<h5>Payment Methods</h5>


```

        <h5>Galaxy S22 Ultra</h5>
        <h4><a class="btn"
href="product_details.html">VIEW</a>    <span    class="pull-right">$222.00</span></h4>
        </div>
    </li>
    <li class="span3">
        <div class="thumbnail">
            <i class="tag"></i>
            <a href="product_details.html"></a>
            <div class="caption">
                <h5>Galaxy Z Fold</h5>
                <h4><a class="btn"
href="product_details.html">VIEW</a> <span class="pull-right">$222.00</span></h4>
            </div>
        </div>
    </li>
    <li class="span3">
        <div class="thumbnail">
            <i class="tag"></i>
            <a href="product_details.html"></a>
            <div class="caption">
                <h5>Iphone 13</h5>
                <h4><a class="btn"
href="product_details.html">VIEW</a> <span class="pull-right">$222.00</span></h4>
            </div>
        </div>
    </li>
</ul>

```

```

</div>

<div class="item">
  <ul class="thumbnails">
    <li class="span3">
      <div class="thumbnail">
        <i class="tag"></i>
        <a href="product_details.html"></a>
        <div class="caption">
          <h5>HP 64GB</h5>
          <h4><a class="btn"
href="product_details.html">VIEW</a> <span class="pull-right">$222.00</span></h4>
        </div>
      </div>
    </li>
    <li class="span3">
      <div class="thumbnail">
        <i class="tag"></i>
        <a href="product_details.html"></a>
        <div class="caption">
          <h5>Samsung 64GB</h5>
          <h4><a class="btn"
href="product_details.html">VIEW</a> <span class="pull-right">$222.00</span></h4>
        </div>
      </div>
    </li>
    <li class="span3">
      <div class="thumbnail">
        <a href="product_details.html"></a>

```



```

        <div class="caption">
            <h5>Card Reader</h5>
            <h4><a class="btn"
href="product_details.html">VIEW</a> <span class="pull-right">$222.00</span></h4>
        </div>
    </div>
</li>
<li class="span3">
    <div class="thumbnail">
        <a href="product_details.html"></a>
        <div class="caption">
            <h5>Sandisk 12GB</h5>
            <h4><a class="btn"
href="product_details.html">VIEW</a> <span class="pull-right">$222.00</span></h4>
        </div>
    </div>
</li>
</ul>
</div>
<div class="item">
<ul class="thumbnails">
    <li class="span3">
        <div class="thumbnail">
            <a href="product_details.html"></a>
            <div class="caption">
                <h5></h5>
                <h4><a class="btn"
href="product_details.html">VIEW</a> <span class="pull-right">$222.00</span></h4>
            </div>

```

```

        </div>
    </li>
    <li class="span3">
        <div class="thumbnail">
            <a href="product_details.html"></a>
            <div class="caption">
                <h5></h5>
                <h4><a class="btn"
href="product_details.html">VIEW</a> <span class="pull-right">$222.00</span></h4>
            </div>
        </div>
    </li>
    <li class="span3">
        <div class="thumbnail">
            <a href="product_details.html"></a>
            <div class="caption">
                <h5></h5>
                <h4><a class="btn"
href="product_details.html">VIEW</a> <span class="pull-right">$222.00</span></h4>
            </div>
        </div>
    </li>
    <li class="span3">
        <div class="thumbnail">
            <a href="product_details.html"></a>
            <div class="caption">
                <h5></h5>
                <h4><a class="btn"

```

```

href="product_details.html">VIEW</a> <span class="pull-right">$222.00</span></h4>
    </div>
</div>
</li>
</ul>
</div>
<div class="item">
<ul class="thumbnails">
    <li class="span3">
        <div class="thumbnail">
            <a href="product_details.html"></a>
            <div class="caption">
                <h5></h5>
                <h4><a class="btn"
href="product_details.html">VIEW</a> <span class="pull-right">$222.00</span></h4>
            </div>
        </div>
    </li>
    <li class="span3">
        <div class="thumbnail">
            <a href="product_details.html"></a>
            <div class="caption">
                <h5></h5>
                <h4><a class="btn"
href="product_details.html">VIEW</a> <span class="pull-right">$222.00</span></h4>
            </div>
        </div>
    </li>

```

```

<li class="span3">
    <div class="thumbnail">
        <a href="product_details.html"></a>
        <div class="caption">
            <h5></h5>
            <h4><a class="btn"
href="product_details.html">VIEW</a> <span class="pull-right">$222.00</span></h4>
        </div>
    </div>
</li>
<li class="span3">
    <div class="thumbnail">
        <a href="product_details.html"></a>
        <div class="caption">
            <h5></h5>
            <h4><a class="btn"
href="product_details.html">VIEW</a> <span class="pull-right">$222.00</span></h4>
        </div>
    </div>
</li>
</ul>
</div>
</div>
<a class="left carousel-control" href="#featured" dataslide="prev"></a>
<a class="right carousel-control" href="#featured" dataslide="next"></a>
</div>
</div>
</div>

```

```

<h4>Latest Products </h4>
    <ul class="thumbnails">
        <li class="span3">
            <div class="thumbnail">
                <a href="product_details.html"></a>
                <div class="caption">
                    <h5>Samsung 64GB</h5>
                    <p>
                        Lorem Ipsum is simply dummy text.
                    </p>
                    <h4 style="text-align:center"><a class="btn"
href="product_details.html"> <i class="icon-zoom-in"></i></a> <a class="btn" href="#">Add
to <i class="icon-shopping-cart"></i></a> <a class="btn btn-primary"
href="#">$222.00</a></h4>
                </div>
            </div>
        </li>
        <li class="span3">
            <div class="thumbnail">
                <a href="product_details.html"></a>
                <div class="caption">
                    <h5>Product name</h5>
                    <p>
                        Lorem Ipsum is simply dummy text.
                    </p>
                    <h4 style="text-align:center"><a class="btn"
href="product_details.html"> <i class="icon-zoom-in"></i></a> <a class="btn" href="#">Add
to <i class="icon-shopping-cart"></i></a> <a class="btn btn-primary"
href="#">$222.00</a></h4>
                </div>
            </div>
        </li>
    </ul>

```

```

</li>
<li class="span3">
  <div class="thumbnail">
    <a href="product_details.html"></a>
    <div class="caption">
      <h5>Product name</h5>
      <p>
        Lorem Ipsum is simply dummy text.
      </p>
      <h4 style="text-align:center"><a class="btn"
href="product_details.html"> <i class="icon-zoom-in"></i></a> <a class="btn" href="#">Add
to <i class="icon-shopping-cart"></i></a> <a class="btn btn-primary"
href="#">$222.00</a></h4>
    </div>
  </div>
</li>
<li class="span3">
  <div class="thumbnail">
    <a href="product_details.html"></a>
    <div class="caption">
      <h5>Product name</h5>
      <p>
        Lorem Ipsum is simply dummy text.
      </p>
      <h4 style="text-align:center"><a class="btn"
href="product_details.html"> <i class="icon-zoom-in"></i></a> <a class="btn" href="#">Add
to <i class="icon-shopping-cart"></i></a> <a class="btn btn-primary"
href="#">$222.00</a></h4>
    </div>
  </div>

```

```

        </li>
        <li class="span3">
            <div class="thumbnail">
                <a href="product_details.html"></a>
                <div class="caption">
                    <h5>Product name</h5>
                    <p>
                        Lorem Ipsum is simply dummy text.
                    </p>
                    <h4 style="text-align:center"><a class="btn"
href="product_details.html"> <i class="icon-zoom-in"></i></a> <a class="btn" href="#">Add
to <i class="icon-shopping-cart"></i></a> <a class="btn btn-primary"
href="#">$222.00</a></h4>
                </div>
            </div>
        </li>
        <li class="span3">
            <div class="thumbnail">
                <a href="product_details.html"></a>
                <div class="caption">
                    <h5>Product name</h5>
                    <p>
                        Lorem Ipsum is simply dummy text.
                    </p>
                    <h4 style="text-align:center"><a class="btn"
href="product_details.html"> <i class="icon-zoom-in"></i></a> <a class="btn" href="#">Add
to <i class="icon-shopping-cart"></i></a> <a class="btn btn-primary"
href="#">$222.00</a></h4>
                </div>
            </div>
        </li>
    </div>

```

```

</li>
<li class="span3">
  <div class="thumbnail">
    <a href="product_details.html"></a>
    <div class="caption">
      <h5>Product name</h5>
      <p>
        Lorem Ipsum is simply dummy text.
      </p>
      <h4 style="text-align:center"><a class="btn"
href="product_details.html"> <i class="icon-zoom-in"></i></a> <a class="btn" href="#">Add
to <i class="icon-shopping-cart"></i></a> <a class="btn btn-primary"
href="#">$222.00</a></h4>
    </div>
  </div>
</li>
<li class="span3">
  <div class="thumbnail">
    <a href="product_details.html"></a>
    <div class="caption">
      <h5>Product name</h5>
      <p>
        Lorem Ipsum is simply dummy text.
      </p>
      <h4 style="text-align:center"><a class="btn"
href="product_details.html"> <i class="icon-zoom-in"></i></a> <a class="btn" href="#">Add
to <i class="icon-shopping-cart"></i></a> <a class="btn btn-primary"
href="#">$222.00</a></h4>
    </div>
  </div>

```



```

        </li>
    </ul>

</div>

</div>

</div>

</div>

<!-- Footer
=====
=== -->

    <div id="footerSection">
        <div class="container">
            <div class="row">
                <div class="span3">
                    <h5>ACCOUNT</h5>
                    <a href="login.html">YOUR ACCOUNT</a>
                    <a href="login.html">PERSONAL INFORMATION</a>
                    <a href="login.html">ADDRESSES</a>
                    <a href="login.html">DISCOUNT</a>
                    <a href="login.html">ORDER HISTORY</a>
                </div>
                <div class="span3">
                    <h5>INFORMATION</h5>
                    <a href="contact.html">CONTACT</a>
                    <a href="register.html">REGISTRATION</a>
                    <a href="legal_notice.html">LEGAL NOTICE</a>
                    <a href="tac.html">TERMS AND CONDITIONS</a>
                    <a href="faq.html">FAQ</a>
                </div>
                <div class="span3">

```

```

<h5>OUR OFFERS</h5>
<a href="#">NEW PRODUCTS</a>
<a href="#">TOP SELLERS</a>
<a href="special_offer.html">SPECIAL OFFERS</a>
<a href="#">MANUFACTURERS</a>
<a href="#">SUPPLIERS</a>
</div>
<div id="socialMedia" class="span3 pull-right">
    <h5>SOCIAL MEDIA </h5>
    <a href="#"></a>
    <a href="#"></a>
    <a href="#"></a>
</div>
</div>
<p class="pull-right">&copy; Gadget Godown</p>
</div><!-- Container End -->
</div>
<!-- Placed at the end of the document so the pages load faster
===== -->
<script src="themes/js/jquery.js" type="text/javascript"></script>
<script src="themes/js/bootstrap.min.js" type="text/javascript"></script>
<script src="themes/js/google-code-prettify/prettify.js"></script>

<script src="themes/js/bootshop.js"></script>
<script src="themes/js/jquery.lightbox-0.5.js"></script>

<!-- Themes switcher section

```

```

=====
===== -->

<div id="secectionBox">

<link rel="stylesheet" href="themes/switch/themeswitch.css" type="text/css" media="screen"
/>

<script src="themes/switch/theamswitcher.js" type="text/javascript" charset="utf8"></script>

    <div id="themeContainer">

        <div id="hideme" class="themeTitle">Style Selector</div>

        <div class="themeName">Oregional Skin</div>

        <div class="images style">

            <a href="themes/css/#" name="bootshop"></a>

            <a href="themes/css/#" name="businessltd"></a>

        </div>

        <div class="themeName">Bootswatch Skins (11)</div>

        <div class="images style">

            <a href="themes/css/#" name="amelia" title="Amelia"></a>

            <a href="themes/css/#" name="spruce" title="Spruce"></a>

            <a href="themes/css/#" name="superhero" title="Superhero"></a>

            <a href="themes/css/#" name="cyborg"></a>

            <a href="themes/css/#" name="cerulean"></a>

            <a href="themes/css/#" name="journal"></a>

            <a href="themes/css/#" name="readable"></a>

            <a href="themes/css/#" name="simplex"></a>
    <a href="themes/css/#" name="slate"></a>
    <a href="themes/css/#" name="spacelab"></a>
    <a href="themes/css/#" name="united"></a>
    <p style="margin:0;line-height:normal;margin-left:-
10px;display:none;"><small>These are just examples and you can build your own color scheme
in the backend.</small></p>
</div>
<div class="themeName">Background Patterns </div>
<div class="images patterns">
    <a href="themes/css/#" name="pattern1"></a>
    <a href="themes/css/#" name="pattern2"></a>
    <a href="themes/css/#" name="pattern3"></a>
    <a href="themes/css/#" name="pattern4"></a>
    <a href="themes/css/#" name="pattern5"></a>
    <a href="themes/css/#" name="pattern6"></a>
    <a href="themes/css/#" name="pattern7"></a>
    <a href="themes/css/#" name="pattern8"></a>
    <a href="themes/css/#" name="pattern9"></a>
    <a href="themes/css/#" name="pattern10"></a>

```

```

        <a href="themes/css/#" name="pattern11"></a>

        <a href="themes/css/#" name="pattern12"></a>

        <a href="themes/css/#" name="pattern13"></a>

        <a href="themes/css/#" name="pattern14"></a>

        <a href="themes/css/#" name="pattern15"></a>


        <a href="themes/css/#" name="pattern16"></a>

        <a href="themes/css/#" name="pattern17"></a>

        <a href="themes/css/#" name="pattern18"></a>

        <a href="themes/css/#" name="pattern19"></a>

        <a href="themes/css/#" name="pattern20"></a>


    </div>

</div>

</div>

<span id="themesBtn"></span>

</body> </html>

```

CONCLUSION

Technology has made considerable progress over the years to provide consumers a better online shopping experience and will continue to do so for years to come. With the rapid growth of products and brands, people have speculated that online shopping will overtake in-store shopping. While this has been the case in some areas, there is still demand for brick-and-mortar stores in market areas where the consumer feels more comfortable seeing and touching the product being bought. However, the availability of online shopping has produced a more educated consumer that can shop around with relative ease without having to spend a large amount of time. In exchange, online shopping has opened doors to many small retailers that would never be in business if they had to incur the prohibitive cost of owning a brick-and-mortar store. At the end, it has been a win-win situation for both consumer and sellers.

REFERENCES

<https://stackoverflow.com/>

<https://www.geeksforgeeks.org/>

<https://www.w3school.com/>

Clean Code: A Handbook of Agile Software Craftsmanship is a book written by Robert. C. Martin.