

**A PROJECT REPORT SUBMITTED
ON
E-COMMERCE WEBSITE**

MASTER'S IN COMPUTER APPLICATION

SUBMITTED BY

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PROJECT GUIDE

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CERTIFICATE

THE EXPERIMENTS DULY SIGNED IN THIS PROJECT REPORT
REPRESENT THE BONAFIDE WORK BY Ms. GAURI RAMAKANT SHARMA APPLICATION ID / SEAT NO. 225991 IN SEMESTER II OF FIRST YEAR OF MASTER OF COMPUTER APPLICATION (FYMCA 2YRS) OF PCP CENTER DTSS COLLEGE MALAD (EAST) FOR MINI PROJECT DURING THE ACADEMIC YEAR 2021-2022.

Project Guide

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Date: _____

Place: Mumbai

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Title of the Project

E-commerce Website

Needs of Ecommerce

The “**Ecommerce**” is developed according the current need in different Fields. This is Ecommerce Website which provides facility for purchasing Mobiles, Laptops, Tabs and many more items. So by using this system users which want to purchase some products will first register an account on this portal then Login through their Username and Password, and then select items which they want to purchase and add them to cart and finally checkout by giving payment details. So by using this portal users can easily purchase products from their home.

1. INTRODUCTION

In day to day life, we will need to buy lots of goods or products from a shop. It may be food items, electronic items, house hold items etc. Now a days, it is really hard to get some time to go out and get them by ourselves due to busy life style or lots of works. In order to solve this, B2C E-Commerce websites have been started. Using these websites, we can buy goods or products online just by visiting the website and ordering the item online by making payments online.

This existing system of buying goods has several disadvantages. It requires lots of time to travel to the particular shop to buy the goods. Since everyone is leading busy life now a days, time means a lot to everyone. Also there are expenses for travelling from house to shop. More over the shop from where we would like to buy some things may not be open 24*7*365. Hence we have to adjust our time with the shopkeeper's time or vendor's time.

Also in the Electronics section there is no so much options in E-commerce Website, only few brands are there. & those brands are delivering their items to customers in the time span of 2 weeks.

In order to overcome these, we have e-commerce solution, i.e. one place where we can get all electronics goods/products online. The proposed system helps in building a website to buy, sell electronics products or goods online using internet connection. Purchasing of electronics goods online, user can choose different products based on categories, online payments, delivery services and hence covering the disadvantages of the existing system and making the buying easier and helping the vendors to reach wider market.

2. FEATURES

1. The system helps in buying of electronics goods, products and services online by choosing the listed products from website (E-Commerce Website).
2. Direct ecommerce will enable you to more efficiently and effectively manage online business.
3. It creates a secure and user friendly environment for online customers.
4. It provides easy storage and access of information.
5. This project intends to introduce more user friendliness in the various activities such as record Addition, updating, and maintenance, searching and sorting.
6. The only objective of our website is for you to move your business online or start your business Online is to reach more people.
7. Deliver items to customers only in 24 To 48 hours' time span.

3. SYSTEM ANALYSIS

3.1 Problem Definition :

One must know what the problem is before it can be solved. The basis for ecommerce is to buy products online and save the timing.

An Ecommerce, who want to buy any product of their need, has to contact different Shoppers, before deciding upon a particular Product that best suit his needs, requirements and satisfaction. Moreover, most of the work involved in this development process has to be done manually which is very timeconsuming and cumbersome and also, it reduces the efficiency, accuracy.

To know the facts and understanding of the problem in detail, *System Analysis* is carried out. It is the process of studying the business processes and procedures, generally referred to as business systems, to see how they can operate and whether improvement is needed.

3.2 Purpose Of System :

Online shopping tries to enhance access to care and improve the continuity and efficiency of services. Depending on the specific setting and locale, case managers are responsible for a variety of tasks, ranging from linking clients to services to actually providing intensive shopping and delivery services themselves

3.3 Scope Of System :

This product has great future scope. Online shopping Internet software developed on and for the Windows and later versions environments and Linux OS. This project also provides security with the use of Login-id and Password, so that any unauthorized users cannot use your account. The only Authorized that will have proper access authority can access the software.

3.4 Objective Of System :

- To shop while in the comfort of your own home, without having to step out of the door.
- Sell at lower rate due to less overhead.
- Provide home delivery within a 48 Hours.
- No wait to see the products if someone else is taking that.

3.5 Feasibility Study :

- A feasibility study is a short, focused study, which aims to answer a number of questions:
- Does the system contribute to the overall objectives of the organizations?
- Can the system be implemented using current technology and within given cost and schedule constraints?
- Can the system be integrated with systems which are already in place?

3.5.1 Technical Feasibility :

Technical issues involved are the necessary technology existence, technical guarantees of accuracy, reliability, ease of access, data security, and aspects of future expansion.

- Technology exists to develop a system.
- The proposed system is capable of holding data to be used.
- The proposed system is capable of providing adequate response and regardless of the number of users.
- The proposed system being modular to the administrator, if he/she wants can add more features in the future and as well as be able to expand the system.
- As far as the hardware and software is concerned, the proposed system is completely liable with proper backup and security.

Hence, we can say that the proposed system is technically feasible.

3.5.2 Operational Feasibility :

If the system meets the requirements of the customers and the administrator we can say that the system is operationally feasible.

The proposed system will be beneficial only if it can be turned into a system which will meet the requirements of the store when it is developed and installed, and there is sufficient support from the users

The proposed system will improve the total performance.

- Customers here are the most important part of the system and the proposed system will provide them with a convenient mode of operation for them.
- The proposed system will be available to the customers throughout the globe.
- The proposed system will provide a better market for different dealers.

Hence, the proposed system is operationally feasible.

3.5.3 Economical Feasibility :

Economic Feasibility is the most frequently used method for evaluating the effectiveness of the proposed system if the benefits of the proposed system outweighs the cost then the decision is made to design and implement the system.

- The cost of hardware and software is affordable.
- High increase in the amount of profit earned by going global.
- Easy and cheap maintenance of the system possible.

Very cheap price for going global.

3.6 PROJECT CATEGORY



Web application.

Language(s) to be used

Front End :

PHP, HTML, CSS, Bootstrap

Back End :

MySQL

Softwares :

Microsoft Visiual Studio 2015, Sql Sever 2008 R2

3.7 REQUIREMENT GATHERING & ANALYSIS

All possible requirements of the system to be developed are captured in this phase and documented in a requirement specification document.

- **System Design** – the requirement specifications from first phase are studied in this phase and the system design is prepared. This system design helps in specifying hardware and system requirements and helps in defining the overall system architecture.
- **Implementation** – with inputs from the system design, the system is first developed in small programs called units, which are integrated in the next phase. Each unit is developed and tested for its functionality, which is referred to as Unit Testing.
- **Integration and Testing** – All the units developed in the implementation phase are integrated into a system after testing of each unit. Post integration the entire system is tested for any faults and failures.
- **Deployment of system** – Once the functional and non-functional testing is done; the product is deployed in the customer environment or released into the market.
- **Maintenance** – There are some issues which come up in the client environment. To fix those issues, patches are released. Also to enhance the product some better versions are released. Maintenance is done to deliver these changes in the customer environment.

3.8 TOOLS AND ENVIRONMENT

Hardware Requirements

Processor	1.6 GHz or Faster Processor
RAM	4 GB
Disk Space	10 GB of Available Hard Disk
Graphic	DirectX 9-Capable Video Card
Display	1024X 768 or Higher Resolution

Software Requirements

Operating System	Windows 10
Front End	HTML, CSS, JavaScript
Back End	PHP
Library/ Framework	Bootstrap, JQuery, FontAwesome
Plugins	Owl Carousel
Code Editor	Visual Studio Code 1.33
Database	MySQL
Web Server	Apache
Web Browser	Google Chrome

3.9 SURVEY OF TECHNOLOGY

3.9.1 PHP

PHP is an open source language and all its components are free to use and distribute. PHP is server-side scripting language. It is embedded in HTML source code. PHP supports all major web servers such as Apache, Microsoft IIS and Netscape etc. All the major database such as MySQL, PostgreSQL, Oracle, Sybase, and Microsoft SQL Server is supported by PHP. Following are the some major advantage:-

- Friendly With HTML - PHP and HTML are interchangeable within the page. You can put PHP outside the HTML or inside.
- Interactive Features - PHP allows you to interact with your visitors in ways HTML alone can't.
- Top-Notch Online Documentation - The PHP documentation is the best on the web. Hands down.
- Compatible With Databases - A good benefit of using PHP is that it can interact with many different database languages including MySQL.

3.9.2 MySQL

MySQL is the most popular open source relational database management system. It is one of the best RDBMS being used to develop web-based applications. It is easy to use and fast RDBMS. Following are the top reason to use MySQL:-

- High Performance
- Robust Transactional Support
- Strong Data Protection
- Open Source Freedom

3.9.3 HTML

Hypertext Markup Language (HTML) is the standard markup language for creating web pages and web applications. With Cascading Style Sheets (CSS) and JavaScript, it forms a triad of cornerstone technologies for the World Wide Web.

Web browsers receive HTML documents from a web server or from localstorage and render the documents into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

3.9.4 CSS

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

CSS is designed to enable the separation of presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content.

3.9.5 JavaScript

JavaScript often abbreviated as JS, is a high-level, interpreted programming language. It is a language which is also characterized as dynamic, weakly typed, prototype-based and multi-paradigm.

3.9.6 Bootstrap

Bootstrap is an open source toolkit for developing with HTML, CSS, and JS. Quickly prototype your ideas or build your entire app with our Sass variables and mixins, responsive grid system, extensive prebuilt components, and powerful plugins built on jQuery. Build responsive, mobile-first projects on the web with the world's most popular front-end component library.

3.9.7 Visual Studio Code

Visual Studio Code was announced on April 29, 2015 by Microsoft at the 2015 Build conference. A Preview build was released shortly thereafter.

On November 18, 2015, Visual Studio Code was released under the MIT License and its source code posted to GitHub. Extension support was also announced.

On April 14, 2016, Visual Studio Code graduated the public preview stage and was released to web. Visual Studio Code is a source code editor developed by Microsoft for Windows, Linux and macOS. It includes support for debugging, embedded Git control, syntax highlighting, intelligent code completion, snippets, and code refactoring. It is also customizable, so users can change the editor's theme, keyboard shortcuts, and preferences. It is free and open-source, although the official download is under a proprietary license.

4. PLANNING

4.1 Gantt Chart

Gantt chart was invented by a mechanical engineer named Henry Gantt in 1910. A Gantt chart is simply a type of bar chart that visually represents a project plan over time. It shows start and end dates for tasks, displays milestones, and allows for dependencies between tasks. With all the features of Henry Gantt's project management system, it's no wonder that even now, more than 100 years later, the Gantt chart is still the preferred tool for managing projects of all sizes and types.

Months	April		May		June		July	
Activities								
Research / Define Specification								
Project Planning								
Design / Development								
Test Plan								
Testing and Q A / Delivery								

5. SYSTEM DESIGN

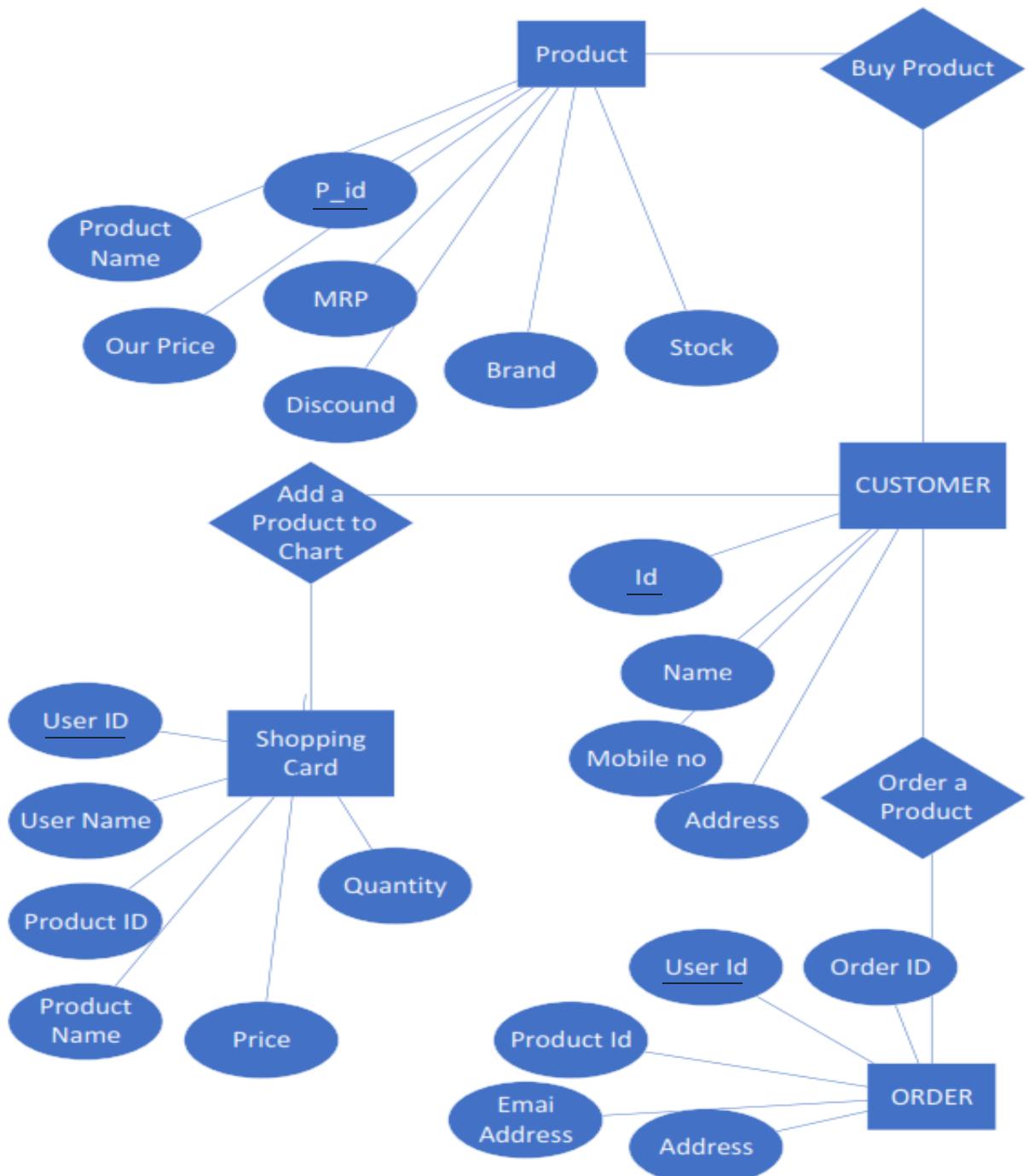
5.1 ER Diagram :

ER Diagram stands for Entity Relationship Diagram, also known as ERD is a diagram that displays the relationship of entity sets stored in a database. In other words, ER diagrams help to explain the logical structure of databases. ER diagrams are created based on three basic concepts: entities, attributes and relationships.

ER Diagrams contain different symbols that use rectangles to represent entities, ovals to define attributes and diamond shapes to represent relationships.

ER Model stands for Entity Relationship Model is a high-level conceptual data model diagram. ER model helps to systematically analyze data requirements to produce a well-designed database. The ER Model represents real-world entities and the relationships between them. Creating an ER Model in DBMS is considered as a best practice before implementing your database.

ER Modeling helps you to analyze data requirements systematically to produce a well-designed database. So, it is considered a best practice to complete ER modeling before implementing your database.

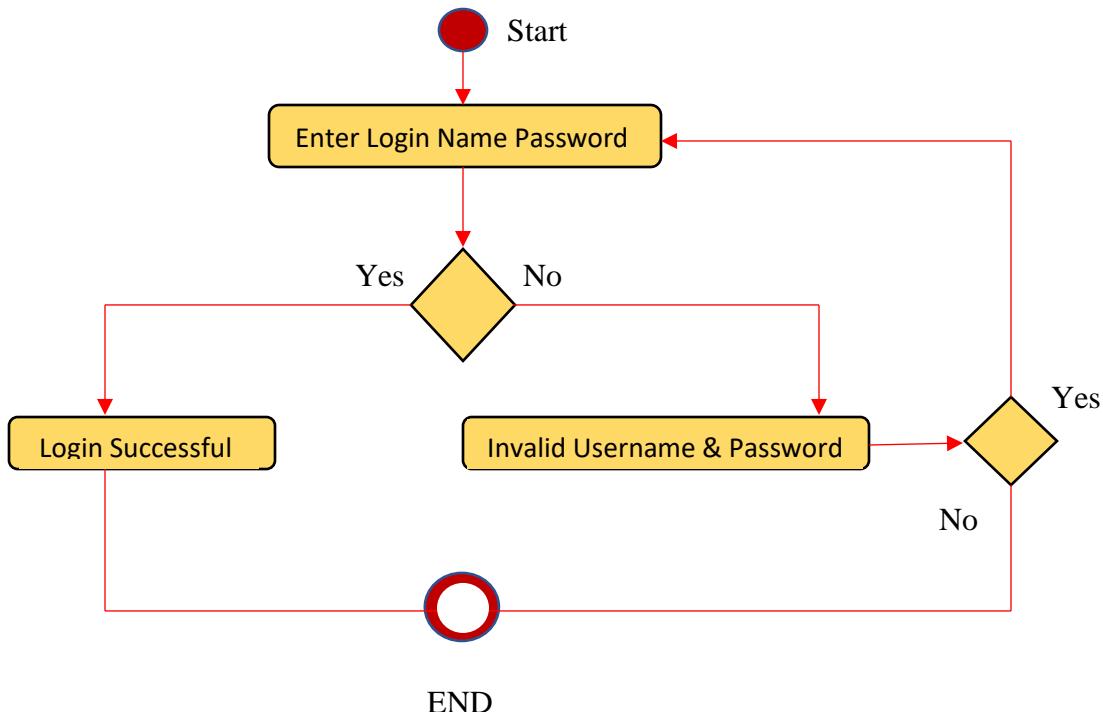


5.2 Activity Diagram :

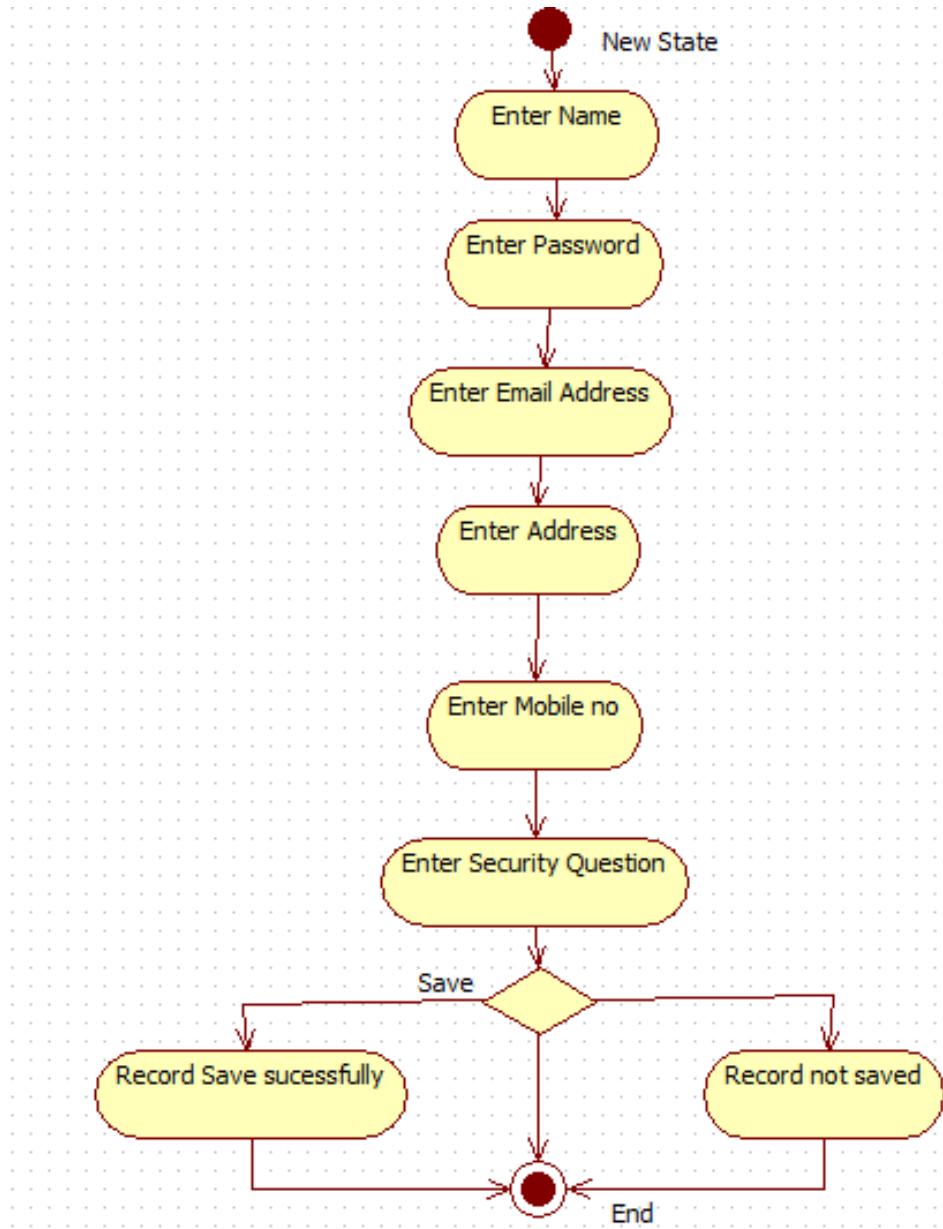
An activity diagram is a behavioral diagram i.e. it depicts the behavior of a system. An activity diagram portrays the control flow from a start point to a finish point showing the various decision paths that exist while the activity is being executed.

Activity Diagrams describe how activities are coordinated to provide a service which can be at different levels of abstraction. Typically, an event needs to be achieved by some operations, particularly where the operation is intended to achieve a number of different things that require coordination, or how the events in a single use case relate to one another, in particular, use cases where activities may overlap and require coordination. It is also suitable for modeling how a collection of use cases coordinate to represent business workflows

1. Activity Diagram for login :-



2. Activity diagram for Add new account :-

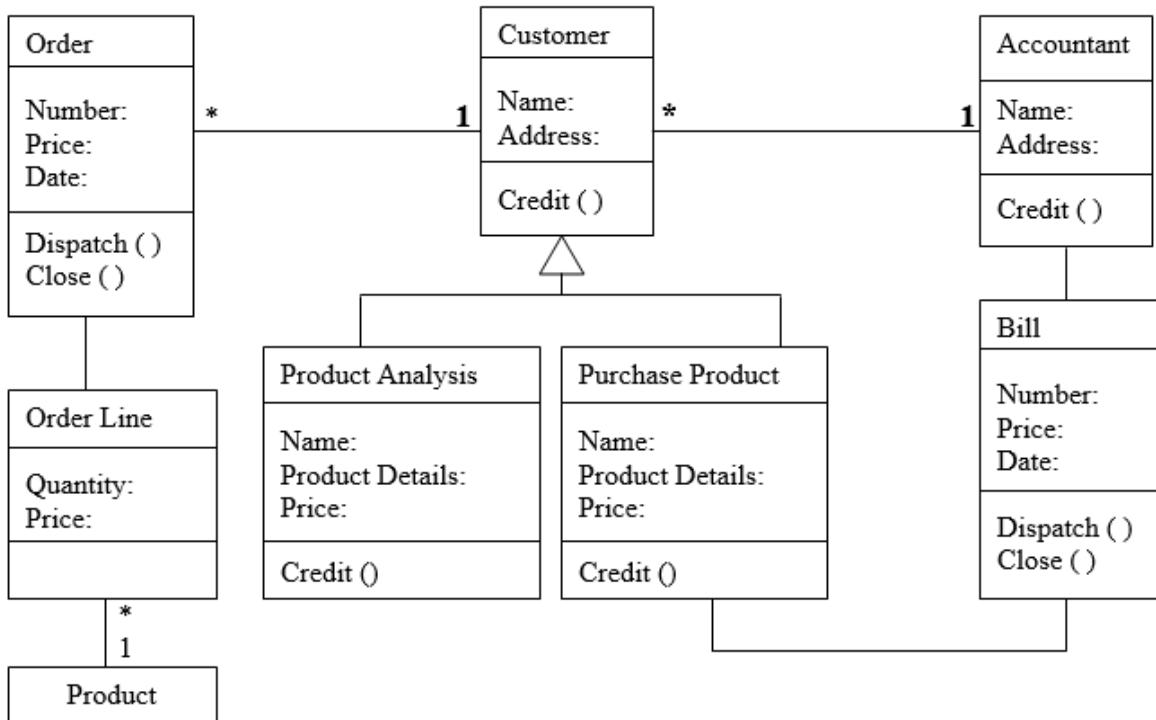


5.3 Class Diagram :

Class diagrams are the main building block in object-oriented modeling. They are used to show the different objects in a system, their attributes, their operations and the relationships among them.

Classes in class diagrams are represented by boxes that are partitioned into three:-

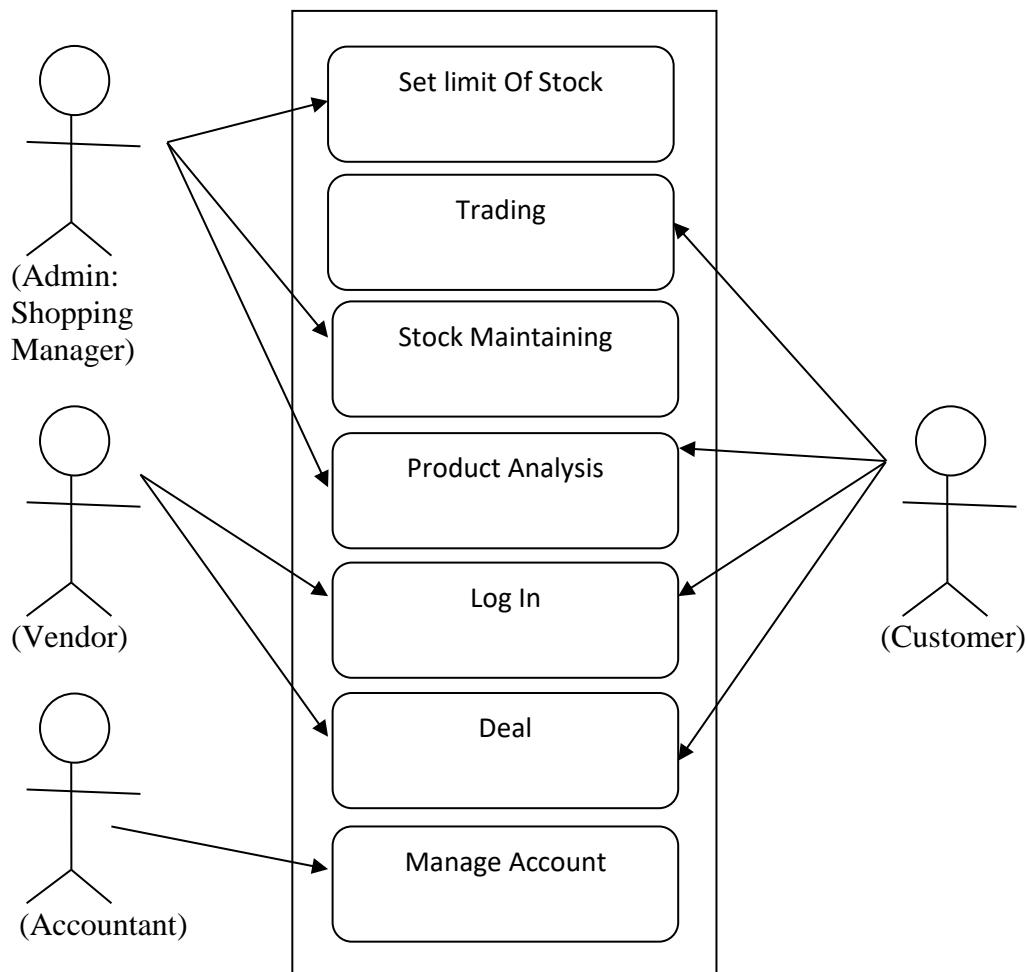
- The top partition contains the name of the class.
- The middle part contains the class's attributes.
- The bottom partition shows the possible operations that are associated with the class.



5.4 Use Case Diagram :

In the Unified Modeling Language (UML), a use case diagram can summarize the details of your system's users (also known as actors) and their interactions with the system. To build one, you'll use a set of specialized symbols and connectors. An effective use case diagram can help your team discuss and represent:

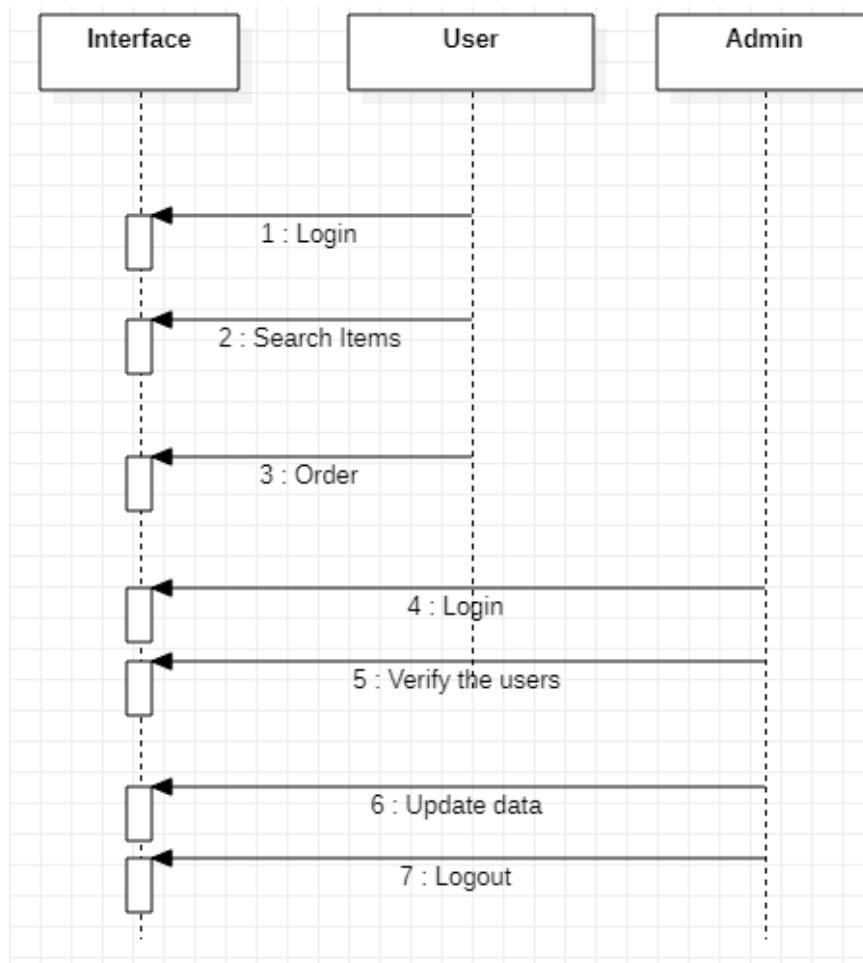
- Scenarios in which your system or application interacts with people, organizations, or external systems
- Goals that your system or application helps those entities (known as actors) achieve
- The scope of your system



5.5 Sequence Diagram :

A sequence diagram or system sequence diagram (SSD) shows process interactions arranged in time sequence in the field of software engineering. It depicts the processes involved and the sequence of messages exchanged between the processes needed to carry out the functionality. Sequence diagrams are typically associated with use case realizations in the 4+1 architectural view model of the system under development. Sequence diagrams are sometimes called event diagrams or event scenarios.

For a particular scenario of a use case, the diagrams show the events that external actors generate, their order, and possible inter-system events. All systems are treated as a black box; the diagram places emphasis on events that cross the system boundary from actors to systems. A system sequence diagram should be done for the main success scenario of the use case, and frequent or complex alternative scenarios.



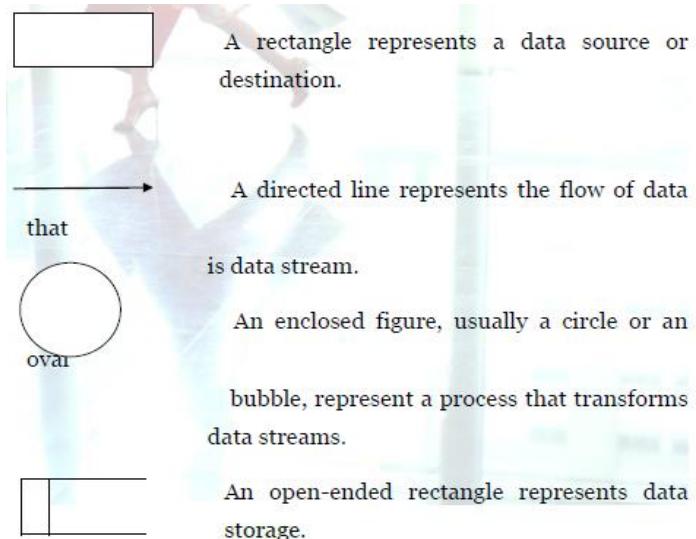
5.6 Data Flow Diagram :

Data flow diagrams (DFD) was first developed by LARRY CONSTANTINE as way representing system requirements in a graphical form; this lead to modular design. A DFD describes what data flow (logical) rather than how they are processed, so it does not depend on hardware, software, data structure or file organization. It is also known as 'bubble chart'.

A Data Flow Diagrams is a structured analysis and design tool that can be used for flowcharting in place of, or in association with, information-oriented and process-oriented systems flowcharts. A DFD is a network that describes the flow of data and the processes that change, or transform, data throughout a system. This network is constructed by using a set of symbols that do not imply a physical implementation. It has the purpose of clarifying system requirements and identifying major transformations that will become programs in system design. So it is the starting point of the design phase that functionality decomposes the requirement specifications down to the lowest level of detail.

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The symbols used to prepare DFD do not imply a physical implementation, a DFD can be considered to an abstract of the logic of an information-oriented or a process-oriented system flowchart. For these reasons DFDs are often referred to as logical data flow diagrams. The four basic symbols used to construct data flow diagrams are shown below:

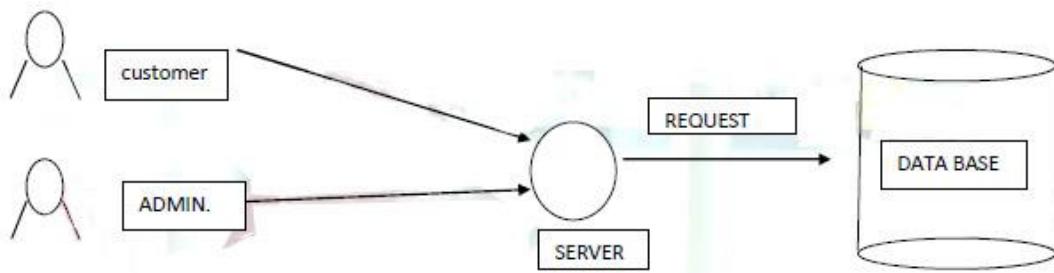


These are symbols that represent data flows, data sources, data transformations and data storage. The points at which data are transformed are represented by enclosed figures, usually circles, which are called nodes. The principle processes that take place at nodes are:

1. Combining data streams

2. Splitting data streams

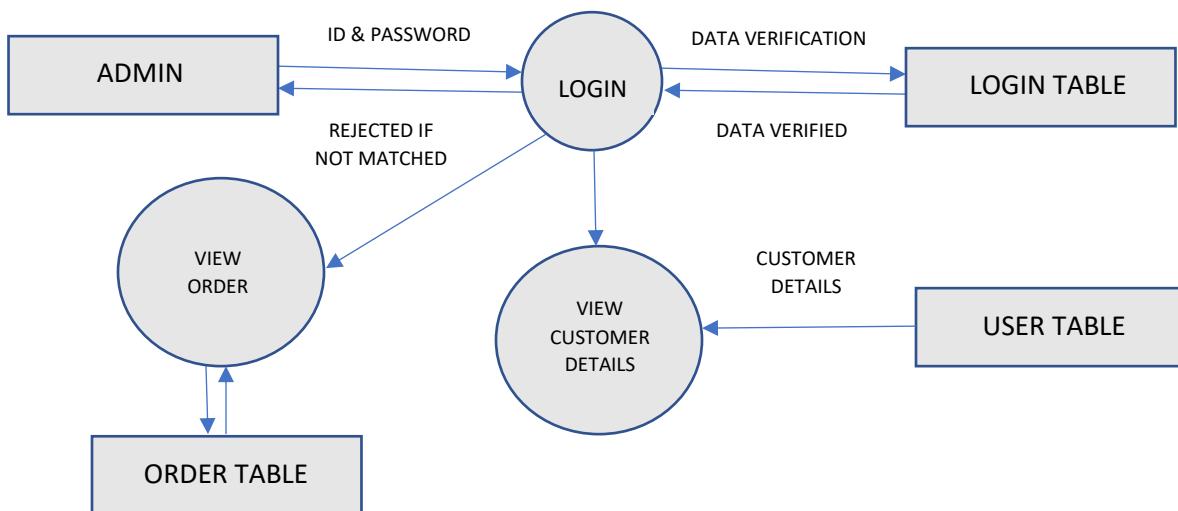
3. Modifying data streams



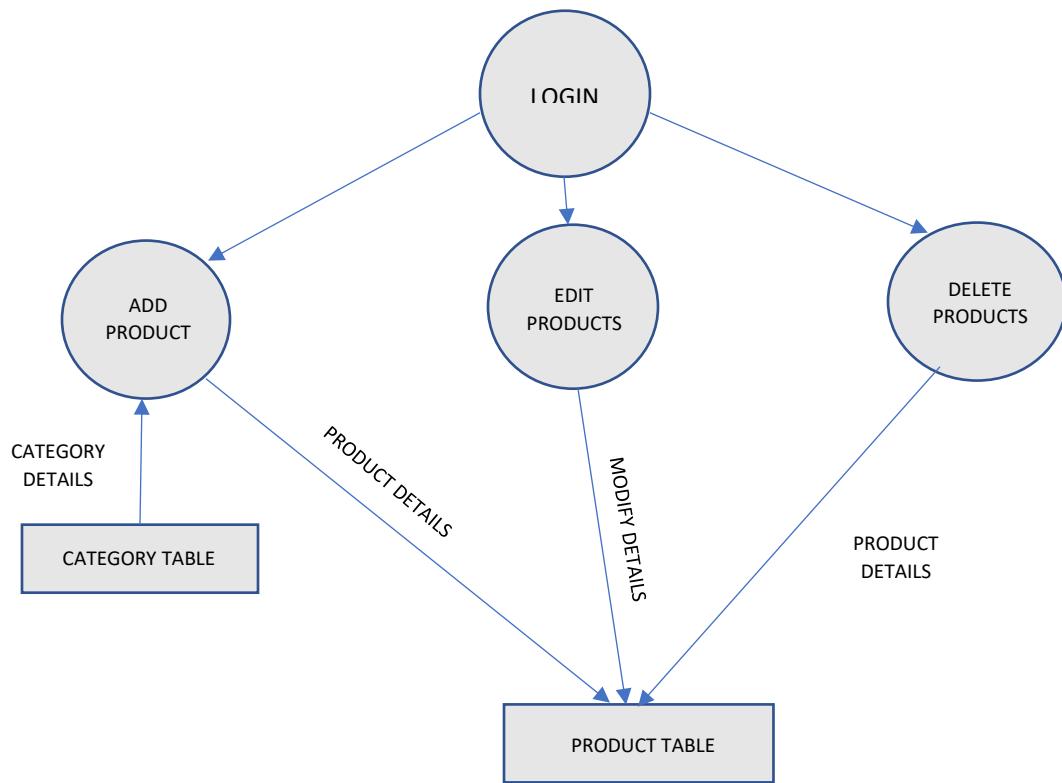
CAD (CONTEXT ANALYSIS DIAGRAM)



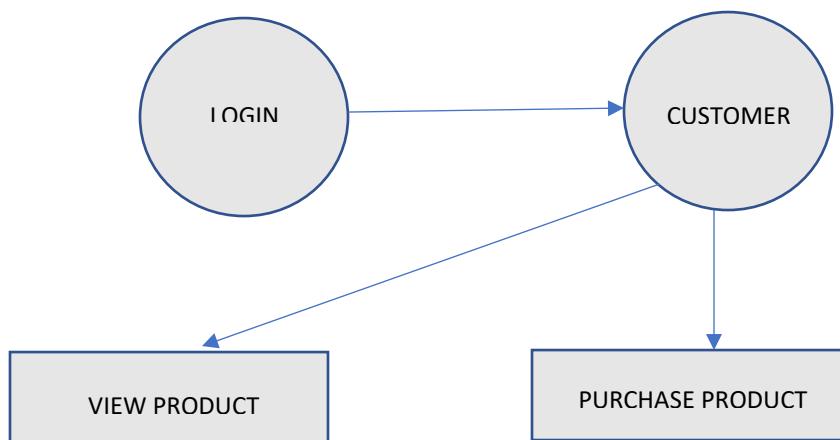
0 LEVEL DFD FOR ADMIN



1 LEVEL DFD FOR ADMIN



2 LEVEL DFD FOR CUSTOMER



5.7 Data Dictionary

A data dictionary contains a list of all files in the database, the number of records in each file, and the names and types of each field. Most database management systems keep the data dictionary hidden from users to prevent them from accidentally destroying its contents. For most relational database management systems (RDBMS), the database management system software needs the data dictionary to access the data within a database. For example, the MySQL Database software has to read and write to an MySQL Database. However, it can only do this via the data dictionary created for that particular database.

Table Name: Admin (Stores Admin Detail)

Attribute	Data Type	Description
id #	int(11)	Stores Admin ID
username	varchar(255)	Stores Admin Name
password	varchar(255)	Stores Admin Password
creationDate	timestamp	Store Admin Creation Date
updationDate	varchar(255)	Stores Admin Updation Date

The screenshot shows the phpMyAdmin interface with the following details:

- Server:** 127.0.0.1
- Database:** mm_ecom
- Table:** admin
- Attributes:** id, username, password, creationDate, updationDate
- Row Data:** id: 1, username: admin, password: f925916e2754e5e03f75dd58a5733251, creationDate: 2017-01-24 21:51:18, updationDate: 21-06-2018 08:27:55 PM

Table Name: Category Table

Attribute	Data Type	Description
id #	int(11)	Stores Category ID
categoryName	varchar(255)	Stores Category Name
categoryDescription	longtext	Stores Category Password
creationDate	timestamp	Store Category Creation Date
updationDate	varchar(255)	Stores Category Updation Date

The screenshot shows the phpMyAdmin interface for the 'mm_ecom' database. The left sidebar lists databases and tables, with 'orders' selected. The main area shows the 'orders' table structure and data. The table has columns: id, userId, productId, quantity, orderDate, paymentMethod, and orderStatus. The data consists of 6 rows:

	id	userId	productId	quantity	orderDate	paymentMethod	orderStatus
<input type="checkbox"/>	1	1	3	1	2017-03-08 01:02:57	COD	NULL
<input type="checkbox"/>	2	3	1	1	2017-03-11 01:13:04	Debit / Credit card	Delivered
<input type="checkbox"/>	3	1	17	1	2017-03-08 21:44:17	COD	in Process
<input type="checkbox"/>	4	1	3	1	2017-03-09 00:51:38	COD	NULL
<input type="checkbox"/>	5	1	4	1	2017-03-09 00:51:38	COD	NULL
<input type="checkbox"/>	6	5	1	1	2022-06-24 17:57:40	Debit / Credit card	NULL

Table Name: Order Table

Attribute	Data Type	Description
id #	int(11)	Stores Order ID
userId	int(11)	Stores User ID
productId	varchar(255)	Stores Product ID
quantity	int(11)	Stores Product Quantity
orderDate	Timestamp	Stores Order Date
paymentMethod	varchar(255)	Stores Payment Method
orderStatus	varchar(255)	Stores Order Status

Showing rows 0 - 5 (6 total, Query took 0.0005 seconds.)

```
SELECT * FROM `orders`
```

	id	userId	productId	quantity	orderDate	paymentMethod	orderStatus
<input type="checkbox"/>	1	1	3	1	2017-03-08 01:02:57	COD	NULL
<input type="checkbox"/>	3	1	4	1	2017-03-11 01:13:04	Debit / Credit card	Delivered
<input type="checkbox"/>	4	1	17	1	2017-03-08 21:44:17	COD	in Process
<input type="checkbox"/>	5	1	3	1	2017-03-09 00:51:38	COD	NULL
<input type="checkbox"/>	6	1	4	1	2017-03-09 00:51:38	COD	NULL
<input type="checkbox"/>	7	5	1	1	2022-06-24 17:57:40	Debit / Credit card	NULL

Table Name: Order Tracking History Table

Attribute	Data Type	Description
id #	int(11)	Stores Order Tracking ID
orderId	int(11)	Stores Order ID
Status	varchar(255)	Stores Order Status
Remark	mediumtext	Stores Order Remark
postingDate	Timestamp	Stores Order Posting Date

The screenshot shows the phpMyAdmin interface for the 'mm_ecom' database. The left sidebar lists databases and tables, with 'ordertrackhistory' selected. The main area displays the table structure and data. The table has columns: id, orderId, status, remark, and postingDate. The data shows four rows of order tracking history.

	id	orderId	status	remark	postingDate			
<input type="checkbox"/>	Edit	Copy	Delete	1	3	in Process	Order has been Shipped.	2017-03-11 01:06:45
<input type="checkbox"/>	Edit	Copy	Delete	2	1	Delivered	Order Has been delivered	2017-03-11 01:07:31
<input type="checkbox"/>	Edit	Copy	Delete	3	3	Delivered	Product delivered successfully	2017-03-11 01:13:04
<input type="checkbox"/>	Edit	Copy	Delete	4	4	in Process	Product ready for Shipping	2017-03-11 01:20:36

Table Name: Product Reviews Table

Attribute	Data Type	Description
id #	int(11)	Stores Product Review ID
productId	int(11)	Stores Product ID
quality	int(11)	Stores Quality (Rating)
price	int(11)	Stores Product Price
value	int(11)	Stores Review Value
name	varchar(255)	Stores Name
summary	varchar(255)	Stores Summary
review	longtext	Stores Review
reviewDate	Timestamp	Stores Review Date

The screenshot shows the phpMyAdmin interface for the 'productreviews' table in the 'mm_ecom' database. The table structure is identical to the one shown in the previous table definition. The data in the 'productreviews' table is as follows:

	id	productId	quality	price	value	name	summary	review	reviewDate
1	2	3	4	5	5	Anuj Kumar	BEST PRODUCT FOR ME :)	BEST PRODUCT FOR ME :)	2017-02-27 02:13:57
2	3	3	3	4	3	Sarita pandey	Nice Product	Value for money	2017-02-27 02:22:46
3	4	3	3	4	3	Sarita pandey	Nice Product	Value for money	2017-02-27 02:29:19

Table Name: Product Table

Attribute	Data Type	Description
id #	int(11)	Stores Product ID
categoryId	int(11)	Stores Category ID
subCategory	int(11)	Stores Subcategory ID
productName	varchar(255)	Stores Product Name
productCompany	varchar(255)	Stores Product Company
productPrice	int(11)	Stores Product Price
productPricrBeforeDiscount	int(11)	Stores Product Original Price
productDescription	longtext	Stores Product Description
productImage1	varchar(255)	Stores Product Image1
productImage2	varchar(255)	Stores Product Image2
productImage3	varchar(255)	Stores Product Image3
shippingCharge	int(11)	Stores Shipping Charge
productAvailability	varchar(255)	Stores Product Availability
postingDate	timestamp	Stores Product Posting Date
updationDate	varchar(255)	Stores Product Updation Date

Showing rows 0 - 18 (18 total). Query took 0.0012 seconds.																
SELECT Edit inline Edit Explain SQL Create PHP code Run																
		Show all		Number of rows:		25		Filter rows:		Search this table:		Sort by key:		None		
Options	#	ID	category	subCategory	productName	productCompany	productPrice	productPriceBeforeDiscount	productDescription	productImage1	productImage2	productImage3	shippingCharge	productAvailability	postingDate	updateDate
Edit	Copy	Delete	1	8	16	Micromax Note (32 GB Ready LED TV)	Micromax test	139900	0				1200	In Stock	2017-01-30 22:24:35	
Edit	Copy	Delete	2	8	17	Apple iPhone 6 (Silver, 16 GB)	Apple INC	36990	0				0	In Stock	2017-01-30 22:25:00	
Edit	Copy	Delete	3	8	16	Redmi Note 4 (Gold, 32 GB) (With 3 GB RAM)	Redmi	10999	0				0	In Stock	2017-02-04 09:33:15	
Edit	Copy	Delete	4	8	16	Lenovo K6 Power (Silver, 32 GB)	Lenovo	9999	0				45	In Stock	2017-02-04 09:34:43	
Edit	Copy	Delete	5	8	16	Lenovo Vibe K5 Note (Gold, 32 GB)	Lenovo	11999	0				0	In Stock	2017-02-04 09:36:17	
Edit	Copy	Delete	6	8	16	Micromax Canvas Mega 4G	Micromax	6999	0				35	In Stock	2017-02-04 09:38:07	
Edit	Copy	Delete	7	8	16	SAMSUNG Galaxy On5	SAMSUNG	7490	0				20	In Stock	2017-02-04 09:40:17	
Edit	Copy	Delete	8	8	16	OPPO A7	OPPO	14990	0				0	In Stock	2017-02-04 09:41:54	
Edit	Copy	Delete	9	11	18	Acer ES 15 Pentium Quad Core	Acer	19990	0				0	In Stock	2017-02-04 09:46:17	
Edit	Copy	Delete	12	9	16	Micromax Canvas Lapz II (Wi-Fi) Atom 4th Gen	Micromax	10999	0				0	In Stock	2017-02-04 09:53:17	
Edit	Copy	Delete	13	9	18	HP Core i5 9th Gen	HP	41990	0				0	In Stock	2017-02-04 10:00:24	
Edit	Copy	Delete	14	9	18	Lenovo Ideapad 110 APU Quad Core A6 8GB	Lenovo	22990	0				0	In Stock	2017-02-04 10:02:15	
Edit	Copy	Delete	21	7	13	Samsung 80 cm (32 Inches) Widescreen Series HD	Samsung	15990	22900				40	In Stock	2022-05-25 22:41:22	NULL
Edit	Copy	Delete	21	7	14	AUBHA 10.1" 1080p 32 inch Android Smart LCD TV	AUBHA	7500	8500				40	In Stock	2022-05-27 13:15:14	NULL
Edit	Copy	Delete	23	7	15	M 138.8 cm (55 inch) Q1 Series 4K Ultra HD Smart	MI	69999	60000				40	In Stock	2022-05-27 11:21:03	NULL
Edit	Copy	Delete	24	9	19	Dell Optiplex 900 All-in-One Desktop Set	Dell	26999	40000				40	In Stock	2022-05-27 13:27:22	NULL
Edit	Copy	Delete	25	11	20	Samsung 20.1" 32 Bar with Inverter Double Door Ref.	Samsung	24490	31000				40	In Stock	2022-05-27 13:33:02	NULL
Edit	Copy	Delete	26	11	21	Samsung 65 kg Inverter 5 Star Fully Automatic Fridge	Samsung	22990	27000				40	In Stock	2022-05-27 13:39:39	NULL
Edit	Copy	Delete	27	11	22	Sony HT-SR5 Real 5.1ch Dolby Digital soundbar	Sony	17990	22900				40	In Stock	2022-06-27 13:50:03	NULL

Table Name: Subcategory Table

Attribute	Data Type	Description
id #	int(11)	Stores Subcategory ID
categoryId	int(11)	Stores Category ID
subcategory	varchar(255)	Stores Subcategory Name
creationDate	timestamp	Stores Subcategory Creation Date
updationDate	varchar(255)	Stores Subcategory Updation Date

The screenshot shows the phpMyAdmin interface for the 'subcategory' table in the 'mm_ecom' database. The table structure is as follows:

```

CREATE TABLE `subcategory` (
  `id` int(11) NOT NULL,
  `categoryId` int(11) NOT NULL,
  `subcategory` varchar(255) NOT NULL,
  `creationDate` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP,
  `updationDate` varchar(255) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
  
```

The current data in the table is:

	id	categoryId	subcategory	creationDate	updationDate
<input type="checkbox"/>	13	7	LED TV	2022-06-25 21:59:21	NULL
<input type="checkbox"/>	14	7	LCD TV	2022-06-25 21:59:28	NULL
<input type="checkbox"/>	15	7	Q LED TV	2022-06-25 22:00:19	NULL
<input type="checkbox"/>	16	8	Android	2022-06-25 22:17:01	NULL
<input type="checkbox"/>	17	8	IOS	2022-06-25 22:17:07	NULL
<input type="checkbox"/>	18	9	Laptops	2022-06-25 22:17:30	NULL
<input type="checkbox"/>	19	9	Computer Accessories	2022-06-25 22:18:01	NULL
<input type="checkbox"/>	20	11	Fridge	2022-06-25 22:18:12	NULL
<input type="checkbox"/>	21	11	Washing Machine	2022-06-25 22:18:29	NULL
<input type="checkbox"/>	22	11	Home theater	2022-06-25 22:18:39	NULL

Table Name: User log Table

Attribute	Data Type	Description
id #	int(11)	Stores User Log ID
userEmail	varchar(255)	Stores User Email ID
userip	binary(16)	Stores User IP Address
loginTime	timestamp	Stores Login Time
logout	varchar(255)	Stores Logout Time
status	int(11)	Stores User Log Status

Showing rows 0 - 2 (3 total, Query took 0.0005 seconds.)

```
SELECT * FROM `userlog`
```

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

	id	userEmail	userip	loginTime	logout	status
<input type="checkbox"/>	26	abhishek@gmail.com	0x3a3a3100000000000000000000000000	2022-06-24 17:55:33	NULL	1
<input type="checkbox"/>	27	abhishek@gmail.com	0x3a3a3100000000000000000000000000	2022-06-27 14:20:19	27-06-2022 02:20:32 PM	1
<input type="checkbox"/>	28	abhishek@gmail.com	0x3a3a3100000000000000000000000000	2022-06-27 14:38:04	27-06-2022 02:39:35 PM	1

Check all | With selected: Edit Copy Delete | Export

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

Table Name: User Table

Attribute	Data Type	Description
id #	int(11)	Stores User ID
name	varchar(255)	Stores User Name
email	varchar(255)	Stores User Email Address
contactno	bigint(11)	Stores User Contact No.
password	varchar(255)	Stores User Password
shippingAddress	longtext	Stores User Shipping Address
shippingState	varchar(255)	Stores User Shipping State
shippingCity	varchar(255)	Stores User Shipping City
shippingPincode	int(11)	Stores User Shipping Pincode
billingAddress	Longtext	Stores User Billing Address
billingState	varchar(255)	Stores User Billing State
billingCity	varchar(255)	Stores User Billing City
billingPincode	int(11)	Stores User Billing Pincode
regDate	timestamp	Stores User Registration Date
updationDate	varchar(255)	Stores User Updation Date

The screenshot shows the phpMyAdmin interface for the 'users' table. The table structure is identical to the one defined above. Two rows of data are present:

- Row 1: id=4, name='aman', email='aman@gmail.com', contactno='8050960008', password='73c25522815da9cfcd289ee35faef4ef', shippingAddress=NULL, shippingState=NULL, shippingCity=NULL, shippingPincode=NULL, billingAddress=NULL, billingState=NULL, billingCity=NULL, billingPincode=NULL, regDate='2021-03-14 12:58:38', updationDate=NULL.
- Row 2: id=5, name='Abhishek Pujare', email='abhishek@gmail.com', contactno='7278671528', password='e10adc394ba56abbe6e05720f83de', shippingAddress='Umiya Darshan Apt. Behind Shalimar Bekary, Kajrat...', shippingState='Maharashtra', shippingCity='Badlapur', shippingPincode='421603', billingAddress='Umiya Darshan Apt. Behind Shalimar Bekary, Kajrat...', billingState='Maharashtra', billingCity='Badlapur', billingPincode='421603', regDate='2022-06-24 17:55:20', updationDate=NULL.

Table Name: Wish List Table

Attribute	Data Type	Description
id #	int(11)	Stores Wish List ID
userId	int(11)	Stores User ID
productId	int(11)	Stores Product ID
postingDate	timestamp	Stores Wish list Added Date

The screenshot shows the phpMyAdmin interface for the 'wishlist' table in the 'mm_ecom' database. The table structure is as follows:

```

CREATE TABLE `wishlist` (
  `id` int(11) NOT NULL,
  `userId` int(11) NOT NULL,
  `productId` int(11) NOT NULL,
  `postingDate` timestamp NOT NULL DEFAULT current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
  
```

The current data in the table is:

	id	userId	productId	postingDate
<input type="checkbox"/>	3	5	21	2022-06-27 14:20:28

6. SCREENSHOTS

Home Page :

The screenshot displays the homepage of an e-commerce website. At the top, there's a navigation bar with links for 'My Account', 'Wishlist', 'My Cart', and 'Login'. A search bar is positioned next to the navigation. On the right side of the header, there's a 'CART - RS. 0.00' button with a yellow notification badge showing '1'.

The main content area features a promotional banner for 'LG Gram Days' with the text 'Get the Gram At Best Deals Of the Year' and 'Up to 40% off'. Below the banner are three promotional boxes: '\$ MONEY BACK' (30 DAY MONEY BACK GUARANTEE), 'FREE SHIPPING' (FREE SHIP ON ORDER OVER RS. 600.00), and 'SPECIAL SALE' (ALL ITEMS SALE UP TO 20% OFF).

The 'FEATURED PRODUCTS' section shows four mobile phones: Micromax 81cm (32) HD Ready LED TV, Apple iPhone 6 (Silver, 16 GB), Redmi Note 4 (Gold, 32 GB) (With 3 GB RAM), and Lenovo K6 Power (Silver, 32 GB). Each product has a small image, a brief description, a rating, a price, and an 'ADD TO CART' button.

Below this, there are sections for 'LAPTOPS' and 'TELEVISION'. The 'LAPTOPS' section features two laptops: Acer ES 15 Pentium Quad Core and Micromax Canvas Laptab II (WIFI) Atom 4th Gen. The 'TELEVISION' section features a Samsung 80 cm (32 Inches) Wonderertainment Series HD and an AUSHA 1920*1080 32 Inch Android Smart LCD TV. Each item has a small image, a rating, a price, and an 'ADD TO CART' button.

The 'HOME APPLIANCES' section shows four products: Samsung 253 L3 Star with Inverter Double Door Refrigerator, Samsung 5.0 Kg Inverter Fully-Automatic Front Loading Washing Machine, Sony HT-S20R Real 5.1ch Dolby Digital Soundbar for TV with subwoofer and Compact Rear Speakers, and a Samsung 1920*1080 32 Inch Android Smart LCD TV. Each item has a small image, a rating, a price, and an 'ADD TO CART' button.

At the bottom, there's a 'OUR BRANDS' section featuring logos for AOC, BAJAJ, BlackBerry, Canon, Compaq, and DAIKIN.

e-commerce

An online marketplace will make it easier to buy or sell goods and services between merchants and customers.



PRODUCT CATEGORY

Mobiles & Accessories

Television & Home Entertainment

Air Conditioner

Laptops & Accessories

INFORMATION

Mumbai

9999999999

08888888888

contact@e-commerce.in

Login Page / Sign Up :

The screenshot displays the login and sign-up pages of an e-commerce website. At the top, there is a header bar with links for 'My Account', 'Wishlist', 'My Cart', and 'Login'. The 'contact@e-commerce.in' email address is also present. Below the header is the website's logo 'e-commerce'. A search bar and a cart icon ('CART - RS. 00.00') are also visible.

The main content area is divided into two sections: 'SIGN IN' on the left and 'CREATE A NEW ACCOUNT' on the right. Both sections include fields for 'Email Address *' and 'Password *'. There is a 'Forgot your Password?' link between them. A 'LOGIN' button is located below the sign-in form, and a 'SIGN UP' button is located below the sign-up form.

Below these forms, a section titled 'SIGN UP TODAY AND YOU'LL BE ABLE TO:' lists three benefits: 'Speed your way through the checkout.', 'Track your orders easily.', and 'Keep a record of all your purchases.'

At the bottom of the page, there is a 'OUR BRANDS' section featuring logos for various brands: AOC, BAJAJ, BlackBerry, Canon, COMPAQ, and DAIKIN. There is also a footer section with a 'PRODUCT CATEGORY' list and an 'INFORMATION' section containing contact details like 'Mumbai' and '9999999999 8888888888' along with the email 'contact@e-commerce.in'.

Product Category Page :

Screenshot of an e-commerce website product category page for mobile phones.

Header: Includes links for "My Account", "Wishlist", "My Cart", "Login", and an email icon for "contact@e-commerce.in". A "CART - RS. 00.00" button with a yellow notification badge is also present.

Breadcrumbs: "e-commerce" > "MOBILES".

Left Sidebar: "SUB CATEGORIES" (Android, iOS) and "SHOP BY" (Category: Television, Mobiles, Computers & Laptops, Home Appliances).

Section Title: "Category" and "MOBILES".

Product Grid: Displays nine mobile phone products with their names, prices, ratings, and "Add to cart" buttons.

Product	Image	Description	Price	Rating
Micromax B1cm (32) HD Ready LED TV (32TG175MH, 2 x HDMI, 2 x USB)		Rs. 139900	★★★★☆	
Apple iPhone 6 (Silver, 16 GB)		Rs. 36990	★★★★☆	
Redmi Note 4 (Gold, 32 GB) (With 3 GB RAM)		Rs. 10999	★★★★☆	
Lenovo K6 Power (Silver, 32 GB)		Rs. 9999	★★★★☆	
Lenovo Vibe K5 Note (Gold, 32 GB)		Rs. 11999	★★★★☆	
Micromax Canvas Mega 4G		Rs. 6999	★★★★☆	
SAMSUNG Galaxy On5		Rs. 7490	★★★★☆	
OPPO A57		Rs. 14990	★★★★☆	

Our Brands: Logos for IOC, BAJAJ, BlackBerry, Canon, COMPAQ, and DAIKIN.

Footer: "e-commerce" logo, site description, social media links, and footer links for "PRODUCT CATEGORY" (Mobiles & Accessories, Television & Home Entertainment, Air Conditioner, Laptop's & Accessories), "INFORMATION" (Address: Mumbai, Phone: 9999999999, 8888888888, Email: contact@e-commerce.in), and "E-COMMERCE WEBSITE BY GAURI SHARMA".

Product Subcategory Page :

My Account | Wishlist | My Cart | Login | contact@e-commerce.in

e-commerce

Search here...

CART - Rs. 00.00

HOME TELEVISION MOBILES COMPUTERS & LAPTOPS HOME APPLIANCES

SHOP BY

Category

Television

Mobiles

Computers & Laptops

Home Appliances

SubCategory

LAPTOPS



Acer ES 15 Pentium Quad Core
★★★★★
Rs. 19990 (Rs. 0)



Micromax Canvas Laptab II (WIFI) Atom 4th Gen
★★★★★
Rs. 10999 (Rs. 0)



HP Core i5 5th Gen
★★★★★
Rs. 41990 (Rs. 0)



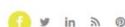
Lenovo Ideapad 110 APU Quad Core A6 6th Gen
★★★★★
Rs. 22990 (Rs. 0)

OUR BRANDS

BlackBerry Canon COMPAQ DAIKIN DELL SAMSUNG

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PRODUCT CATEGORY

Mobiles & Accessories

Television & Home Entertainment

Air Conditioner

Laptop's & Accessories

INFORMATION

Mumbai
9999999999
8888888888
contact@e-commerce.in

Product View Page :

My Account | Wishlist | My Cart | Login | contact@e-commerce.in

e-commerce

Search here...

CART - Rs. 0.00

HOME TELEVISION MOBILES COMPUTERS & LAPTOPS HOME APPLIANCES

Home / Appliances / Samsung 6.0 Kg Inverter 5 Star Fully-Automatic Front Loading Washing Machine

CATEGORY

- Television
- Mobiles
- Computers & Laptops
- Home Appliances

HOT DEALS



**Micromax Canvas Laptab II (WIFI)
Atom 4th Gen**
★★★☆☆
Rs. 10999.00 Rs. 77000
[Buy Now](#)

Samsung 6.0 Kg Inverter 5 Star Fully-Automatic Front Loading Washing Machine
★★★★☆ (0 Reviews)
AVAILABILITY: In Stock
PRODUCT BRAND: Samsung
SHIPPING CHARGE: 40
Rs. 22990
Rs.22990
QTY: 1
SHARE: f v in [Link](#) [Email](#)

DESCRIPTION

Brand	Samsung
Colour	White
Special Feature	Inverter, In built healer
Item Dimensions LxWxH	45 x 60 x 85 Centimeters
Item Weight	54000 Grams
Capacity	6 Kilograms
Option Cycles	10
Certification	Energy
Access Location	Front Load
Cycle Options	Tub Clean, Quick Wash, Hygiene

REVIEW

REALTED PRODUCTS



Samsung 6.0 Kg Inverter 5 Star Fully-Automatic Front Loading Washing Machine
★★★★☆
Rs.22990 Rs. 27000

OUR BRANDS



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PRODUCT CATEGORY

Mobiles & Accessories

Television & Home Entertainment

Air Conditioner

Laptop & Accessories

INFORMATION

Mumbai

9999999999

8888888888

contact@e-commerce.in

Search Result Page :

My Account | Wishlist | My Cart | Login | contact@e-commerce.in

e-commerce

Tv

CART - Rs. 0.00

HOME TELEVISION MOBILES COMPUTERS & LAPTOPS HOME APPLIANCES

SUB CATEGORIES

- LED TV
- LCD TV
- Q LED TV
- ANDROID
- IOS
- LAPTOPS
- COMPUTER ACCESSORIES
- FRIDGE
- WASHING MACHINE
- HOME THEATER

SHOP BY

Category

Television

Micromax 81cm (32) HD Ready LED TV (32TG175MHD, 2 x HDMI, 2 x USB)
★★★★★
Rs. 139900 Rs. 0

[Add to cart](#) [Heart](#)

Mobiles

AUSHA 1920*1080 32 Inch Android Smart LCD TV
★★★★★
Rs. 7500 Rs. 6500

[Add to cart](#) [Heart](#)

Computers & Laptops

Mi 138.8 cm (55 inches) Q1 Series 4K Ultra HD Smart QLED TV
★★★★★
Rs. 59999 Rs. 65000

[Add to cart](#) [Heart](#)

Home Appliances

Sony HT-S20R Real 5.1ch Dolby Digital Soundbar for TV with subwoofer and Compact Rear Speakers
★★★★★
Rs. 17990 Rs. 22900

[Add to cart](#) [Heart](#)

OUR BRANDS

e-commerce

An online marketplace will make it easier to buy or sell goods and services between merchants and customers.

PRODUCT CATEGORY

Mobiles & Accessories

Television & Home Entertainment

Air Conditioner

Laptop's & Accessories

INFORMATION

Mumbai

9999999999
8888888888

contact@e-commerce.in

My Account Page :

The screenshot shows the 'My Account' section of an e-commerce website. At the top, there's a navigation bar with links for 'Welcome -Abhishek Pujare', 'My Account', 'Wishlist', 'My Cart', and 'Logout'. An email link 'contact@e-commerce.in' is also present. Below the navigation is the website logo 'e-commerce' and a search bar with placeholder text 'Search here...'. A shopping cart icon indicates 'CART - RS. 00.00' with a small orange circle showing '0' items.

The main content area has a yellow header bar with tabs for 'HOME', 'TELEVISION', 'MOBILES', 'COMPUTERS & LAPTOPS', and 'HOME APPLIANCES'. The 'HOME' tab is currently selected. Below this, the page displays two sections: 'MY PROFILE' (containing personal info like Name, Email, and Contact No., with an 'UPDATE' button) and 'YOUR CHECKOUT PROGRESS' (listing 'My Account', 'Shipping / Billing Address', 'Order History', and 'Payment Pending Order').

OUR BRANDS



e-commerce

An online marketplace will make it easier to buy or sell goods and services between merchants and customers.



PRODUCT CATEGORY

Mobiles & Accessories

Television & Home Entertainment

Air Conditioner

Laptop's & Accessories

INFORMATION

Mumbai

9999999999

8888888888

contact@e-commerce.in

Billing & Shipping Address Page :

The screenshot shows the e-commerce website's address input section. At the top, there is a navigation bar with links for Welcome -Abhishek Pujare, My Account, Wishlist, My Cart, and Logout. On the right, there is an email link contact@e-commerce.in and a search bar with a magnifying glass icon. Below the navigation is a yellow header bar with menu items: HOME (selected), TELEVISION, MOBILES, COMPUTERS & LAPTOPS, and HOME APPLIANCES. A shopping cart icon on the right shows 1 item and RS. 00.00. The main content area has two sections: 'BILLING ADDRESS' (step 1) and 'SHIPPING ADDRESS' (step 2). The Billing Address section contains fields for Billing Address*, Billing State*, Billing City*, and Billing Pincode*. An 'UPDATE' button is located below these fields. To the right, a sidebar titled 'YOUR CHECKOUT PROGRESS' lists: My Account, Shipping / Billing Address, Order History, and Payment Pending Order.

OUR BRANDS



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An online marketplace will make it easier to buy or sell goods and services between merchants and customers.



PRODUCT CATEGORY

Mobiles & Accessories

Television & Home Entertainment

Air Conditioner

Laptop's & Accessories

INFORMATION

Mumbai

9999999999

8888888888

contact@e-commerce.in

Order History Page :

Welcome -Abhishek Pujare | My Account | Wishlist | My Cart | Logout | contact@e-commerce.in

e-commerce

Search here...

CART - RS. 00.00

HOME TELEVISION MOBILES COMPUTERS & LAPTOPS HOME APPLIANCES

Home / Shopping Cart

#	Image	Product Name	Quantity	Price Per unit	Shipping Charge	Grandtotal	Payment Method	Order Date	Action
1		MICROMAX 81CM (32) HD READY LED TV (32TG175MHD, 2 X HDMI, 2 X USB)	1	139900	1200	141100	Debit / Credit card	2022-06-24 17:57:40	Track

OUR BRANDS

1

e-commerce

An online marketplace will make it easier to buy or sell goods and services between merchants and customers.

PRODUCT CATEGORY

Mobiles & Accessories
Television & Home Entertainment
Air Conditioner
Laptop's & Accessories

INFORMATION

 Mumbai
 9999999999
 8888888888
 contact@e-commerce.in

E-COMMERCE WEBSITE BY GAURI SHARMA

45 | Page

Wish list Page :

Welcome -Abhishek Pujare | My Account | Wishlist | My Cart | Logout | contact@e-commerce.in

e-commerce

Search here...

CART - RS. 0.00

HOME TELEVISION MOBILES COMPUTERS & LAPTOPS HOME APPLIANCES

Home / Wishlist

MY WISHLIST

Samsung 80 cm (32 Inches) Wondertainment Series HD
★★★★★ (0 Reviews)
Rs. 15990.00 ₹900.00

Apple iPhone 6 (Silver, 16 GB)
★★★★★ (0 Reviews)
Rs. 36990.00 ₹900.00

Sony HT-S20R Real 5.1ch Dolby Digital Soundbar for TV with subwoofer and Compact Rear Speakers
★★★★★ (0 Reviews)
Rs. 17990.00 ₹900.00

Dell Optiplex 19 Inch All in One Desktop Set
★★★★★ (0 Reviews)
Rs. 26999.00 ₹900.00

OUR BRANDS

PRODUCT CATEGORY

Mobiles & Accessories
Television & Home Entertainment
Air Conditioner
Laptops & Accessories

INFORMATION

Mumbai
9999999999
8888888888
contact@e-commerce.in

e-commerce

An online marketplace will make it easier to buy or sell goods and services between merchants and customers.

E-COMMERCE WEBSITE BY GAURI SHARMA

46 | Page

My Cart Page :

The screenshot shows the shopping cart page of an e-commerce website. At the top, there is a navigation bar with links for Welcome -Abhishek Pujare, My Account, Wishlist, My Cart, and Logout. On the right side of the header, there is a contact link (contact@e-commerce.in) and a search bar with a magnifying glass icon. Below the header, the website logo "e-commerce" is displayed, along with a search bar and a shopping cart icon indicating 2 items. The main content area has a yellow header bar with links for HOME, TELEVISION, MOBILES, COMPUTERS & LAPTOPS, and HOME APPLIANCES. Below this, the breadcrumb navigation shows Home / Shopping Cart.

Remove	Image	Product Name	Quantity	Price Per unit	Shipping Charge	Grandtotal
<input type="checkbox"/>		DELL OPTIPLEX 19 INCH ALL IN ONE DESKTOP SET ★★★★☆ (0 Reviews)	1	RS 26999.00	RS 40.00	27039.00
<input type="checkbox"/>		SONY HT-S20R REAL 5.1CH DOLBY DIGITAL SOUNDBAR FOR TV WITH SUBWOOFER AND COMPACT REAR SPEAKERS ★★★★☆ (0 Reviews)	1	RS 17990.00	RS 40.00	18030.00

At the bottom of the cart section, there are "CONTINUE SHOPPING" and "UPDATE SHOPPING CART" buttons.

SHIPPING ADDRESS

Billing Address*: Umiya Darshan Apt, Behind Shalimar Bekary, Karjat Road, Gandhichowk, Kolavli, Navi Mumbai (E).

Billing State*: Maharashtra

Billing City*: Badlapur

Billing Pincode*: 421503

BILLING ADDRESS

Shipping Address*: Umiya Darshan Apt, Behind Shalimar Bekary, Karjat Road, Gandhichowk, Kolavli, Navi Mumbai (E).

Shipping State*: Maharashtra

Shipping City*: Badlapur

Shipping Pincode*: 421503

GRAND TOTAL **45069.00**

PROCEED TO CHECKOUT

OUR BRANDS

e-commerce

PRODUCT CATEGORY

- Mobiles & Accessories
- Television & Home Entertainment
- Air Conditioner
- Laptops & Accessories

INFORMATION

- Mumbai
- 9999999999
- 8888888888
- contact@e-commerce.in

Choose Payment Method Page :

The screenshot shows the e-commerce website's homepage at the top, featuring a navigation bar with links for Welcome, My Account, Wishlist, My Cart, and Logout. The search bar displays "Search here...". A cart icon indicates 1 item with a value of RS. 27039.00. Below the header is a yellow navigation bar with categories: HOME (selected), TELEVISION, MOBILES, COMPUTERS & LAPTOPS, and HOME APPLIANCES. The main content area has a title "CHOOSE PAYMENT METHOD" and a sub-section "SELECT YOUR PAYMENT METHOD". It includes a radio button for "COD" (selected) and other options like "Internet Banking" and "Debit / Credit card". A "submit" button is present. At the bottom, there's a section titled "OUR BRANDS" with logos for AOC, BAJAJ, BlackBerry, Canon, COMPAQ, and DAIKIN. The footer contains social media icons for Facebook, Twitter, LinkedIn, YouTube, and Instagram. The footer also includes sections for "PRODUCT CATEGORY" (Mobiles & Accessories, Television & Home Entertainment, Air Conditioners, Laptop's & Accessories) and "INFORMATION" (Address: Mumbai, Phone: 9999999999, Email: contact@e-commerce.in).

Admin Login Page :

Shopping Portal | Admin

Back to Portal

Sign In

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Admin Dashboard Page:

Shopping Portal | Admin

Admin ▼

Order Management

Manage users

Create Category

Sub Category

Insert Product

Manage Products

User Login Log

Logout

Admin Change Password

Current Password

New Password

Current Password

Today's Order Page :

Shopping Portal | Admin

Admin 

Order Management

Manage users

Create Category

Sub Category

Insert Product

Manage Products

User Login Log

Logout

Pending Orders							
		Name	Email /Contact no	Shipping Address	Product	Qty	Amount
#							Order Date
1	Abhishek Pujare	abhishek@gmail.com/7276671526	Umiya Darshan Apt, Behind Shalimar Bekary, Karjat Road, Gandhichowk, Kulgaon Badlapur (E) Opp Jama Masjid, Badlapur, Maharashtra-421503	Dell Optiplex 19 Inch All in One Desktop Set	1	27039	2022-06-28 16:53:2
2	Abhishek Pujare	abhishek@gmail.com/7276671526	Umiya Darshan Apt, Behind Shalimar Bekary, Karjat Road, Gandhichowk, Kulgaon Badlapur (E) Opp Jama Masjid, Badlapur, Maharashtra-421503	Sony HT-S20R Real 5.1ch Dolby Digital Soundbar for TV with subwoofer and Compact Rear Speakers	1	18030	2022-06-28 16:53:2

Showing 1 to 2 of 2 entries

< >

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Pending Order Page :

Shopping Portal | Admin

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Order Management

Manage users

Create Category

Sub Category

Insert Product

Manage Products

User Login Log

Logout

Pending Orders							
		Name	Email /Contact no	Shipping Address	Product	Qty	Amount
#							Order Date
1	Abhishek Pujare	abhishek@gmail.com/7276671526	Umiya Darshan Apt, Behind Shalimar Bekary, Karjat Road, Gandhichowk, Kulgaon Badlapur (E) Opp Jama Masjid, Badlapur, Maharashtra-421503	Micromax 81cm (32) HD Ready LED TV (32T6175MHD, 2 x HDMI, 2 x USB)	1	141100	2022-06-17:17:20
2	Abhishek Pujare	abhishek@gmail.com/7276671526	Umiya Darshan Apt, Behind Shalimar Bekary, Karjat Road, Gandhichowk, Kulgaon Badlapur (E) Opp Jama Masjid, Badlapur, Maharashtra-421503	Dell Optiplex 19 Inch All in One Desktop Set	1	27039	2022-06-16:53:20
3	Abhishek Pujare	abhishek@gmail.com/7276671526	Umiya Darshan Apt, Behind Shalimar Bekary, Karjat Road, Gandhichowk, Kulgaon Badlapur (E) Opp Jama Masjid, Badlapur, Maharashtra-421503	Sony HT-S20R Real 5.1ch Dolby Digital Soundbar for TV with subwoofer and Compact Rear Speakers	1	18030	2022-06-16:53:20

Showing 1 to 3 of 3 entries

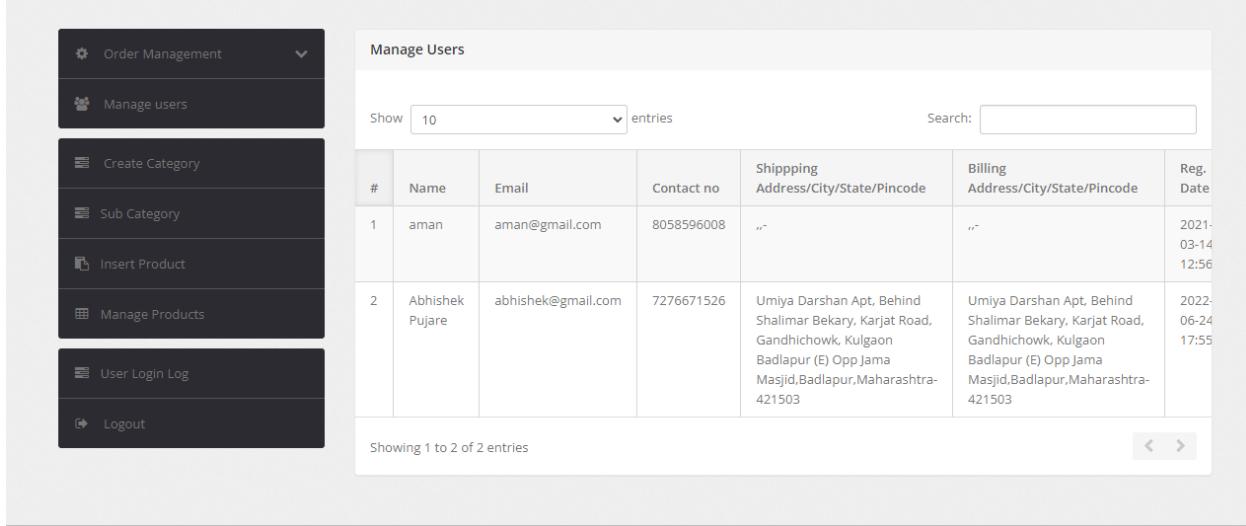
< >

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Manage Users Page :

Shopping Portal | Admin

Admin 



#	Name	Email	Contact no	Shipping Address/City/State/Pincode	Billing Address/City/State/Pincode	Reg. Date
1	aman	aman@gmail.com	8058596008	"-	"-	2021-03-14 12:56
2	Abhishek Pujare	abhishek@gmail.com	7276671526	Umiya Darshan Apt, Behind Shalimar Bekary, Karjat Road, Gandhichowk, Kulgaon Badlapur (E) Opp Jama Masjid, Badlapur, Maharashtra-421503	Umiya Darshan Apt, Behind Shalimar Bekary, Karjat Road, Gandhichowk, Kulgaon Badlapur (E) Opp Jama Masjid, Badlapur, Maharashtra-421503	2022-06-24 17:55

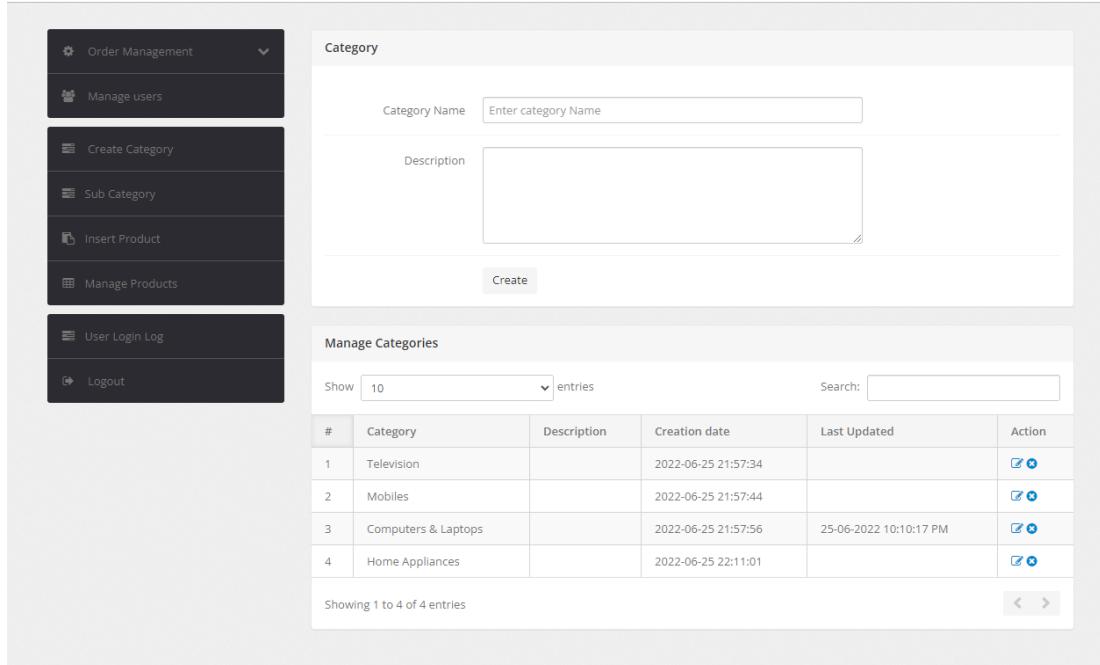
Showing 1 to 2 of 2 entries

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Create Category Page :

Shopping Portal | Admin

Admin 



#	Category	Description	Creation date	Last Updated	Action
1	Television		2022-06-25 21:57:34		 
2	Mobiles		2022-06-25 21:57:44		 
3	Computers & Laptops		2022-06-25 21:57:56	25-06-2022 10:10:17 PM	 
4	Home Appliances		2022-06-25 22:11:01		 

Showing 1 to 4 of 4 entries

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Create Subcategory Page :

Shopping Portal | Admin

Admin 

Order Management

Manage users

Create Category

Sub Category

Insert Product

Manage Products

User Login Log

Logout

Category

Category Name

Description

Create

Manage Categories

Show 10 entries Search:

#	Category	Description	Creation date	Last Updated	Action
1	Television		2022-06-25 21:57:34		 
2	Mobiles		2022-06-25 21:57:44		 
3	Computers & Laptops		2022-06-25 21:57:56	25-06-2022 10:10:17 PM	 
4	Home Appliances		2022-06-25 22:11:01		 

Showing 1 to 4 of 4 entries  

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User Log Page :

Shopping Portal | Admin

Admin 

Order Management

Manage users

Create Category

Sub Category

Insert Product

Manage Products

User Login Log

Logout

Manage Users

Show 10 entries Search:

#	User Email	User IP	Login Time	Logout Time	Status
1	abhishek@gmail.com	::1	2022-06-24 17:55:33		Successfull
2	abhishek@gmail.com	::1	2022-06-27 14:20:19	27-06-2022 02:20:32 PM	Successfull
3	abhishek@gmail.com	::1	2022-06-27 14:38:04	27-06-2022 02:39:35 PM	Successfull
4	abhishek@gmail.com	::1	2022-06-28 16:35:13		Successfull

Showing 1 to 4 of 4 entries  

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Insert Product Page :

Shopping Portal | Admin

Admin 

Order Management

Manage users

Create Category

Sub Category

Insert Product

Manage Products

User Login Log

Logout

Insert Product

Category: Select Category

Sub Category:

Product Name: Enter Product Name

Product Company: Enter Product Comapny Name

Product Price Before Discount: Enter Product Price

Product Price After Discount(Selling Price): Enter Product Price

Product Description:
Font Format: 

Product Shipping Charge: Enter Product Shipping Charge

Product Availability: Select

Product Image1: Choose File No file chosen

Product Image2: Choose File No file chosen

Product Image3: Choose File No file chosen

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Manage Product Page :

Shopping Portal | Admin

Admin 

Order Management

Manage users

Create Category

Sub Category

Insert Product

Manage Products

User Login Log

Logout

Manage Products

Show 10 entries Search:

#	Product Name	Category	Subcategory	Company Name	Product Creation Date	Action
1	Samsung 80 cm (32 Inches) Wonderertainment Series HD	Television	LED TV	Samsung	2022-06-25 22:41:22	 
2	AUSHA 1920*1080 32 Inch Android Smart LCD TV	Television	LCD TV	AUSHA	2022-06-27 13:15:14	 
3	Mi 138.8 cm (55 inches) Q1 Series 4K Ultra HD Smart QLED TV	Television	Q LED TV	Mi	2022-06-27 13:21:53	 
4	Micromax 81cm (32) HD Ready LED TV (32T6175MHD, 2 x HDMI, 2 x USB)	Mobiles	Android	Micromax test	2017-01-30 22:24:35	 
5	Apple iPhone 6 (Silver, 16 GB)	Mobiles	iOS	Apple INC	2017-01-30 22:29:00	 
6	Redmi Note 4 (Gold, 32 GB) (With 3 GB RAM)	Mobiles	Android	Redmi	2017-02-04 09:33:15	 
7	Lenovo K6 Power (Silver, 32 GB)	Mobiles	Android	Lenovo	2017-02-04 09:34:43	 
8	Lenovo Vibe K5 Note (Gold, 32 GB)	Mobiles	Android	Lenovo	2017-02-04 09:36:17	 
9	Micromax Canvas Mega 4G	Mobiles	Android	Micromax	2017-02-04 09:38:07	 
10	SAMSUNG Galaxy On5	Mobiles	Android	SAMSUNG	2017-02-04 09:40:17	 

Showing 1 to 10 of 19 entries  

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7. SYSTEM TESTING

Testing is an important stage which follows the coding stage in the software development life cycle. The objective of **testing** is to evaluate if we have created the system correctly. During the earlier stages, the focus was to check what is being built but in testing when we have the end product ready, our focus shifts to validate whether the product that has been built has been built correctly or not. Hence, the focus shifts from building the product right to building the right product.

Now, an attempt to define software testing is made. Testing is a systematic activity where records for test execution need to be maintained.

Testing is the process of executing a program with the specific intent of finding an error. Success of the test is determined by the number of errors it has uncovered. Tests can be conducted by the developer or by an independent testing team. What one should remember is that the role of a good tester is to show the presence of the defects or errors of that software.

Testing objectives :

- To ensure that during operation the system will perform as per specification.
- To make sure that system meets the user requirements during operation.
- To make sure that during the operation, incorrect input, processing and output will be detected.
- To see that when correct inputs are fed to the system the outputs are correct.
- To verify that the controls incorporated in the same system as intended.

A good test case is one that has a high probability of finding an as yet undiscovered error. The software development has been tested successfully using the following testing strategies and any errors that are encountered are corrected and again the part of the program or the procedure or function is put to testing until all the errors are removed. A successful test is one that uncovers an as yet undiscovered error. Note that the result of the system testing will prove that the system

is working correctly. It will give confidence to system designer, users of the system and prevent frustration during implementation process etc.

Methodologies used for testing :

Software testing is an integral part of the software development life cycle (SDLC). Testing a piece of code effectively and efficiently is equally important, if not more to writing it.

Types of testing :

Software is tested from two different perspectives:

1. Internal program logic is exercised using "white box" test case design techniques.
2. Software requirements are exercised using "black box" test case design techniques.

In both cases, the intent is to find the maximum number of errors with the minimum amount of effort and time.

White Box Testing :

White-box testing, sometimes called glass-box testing is a test case design method that uses the control structure of the procedural design to derive test cases. Using white box testing methods, the software engineer can derive test cases that:

- Guarantee that all independent paths within a module have been exercised at least once.
- Exercise all logical decisions on their true and false sides.
- Exercise all loops at their boundaries and within their operational bounds, and
- Exercise internal data structures to ensure their validity.

Black Box Testing :

The technique of testing without having any knowledge of the interior workings of the application is Black box testing. The tester is oblivious to system architecture and does not have access to the source code. Typically, when performing a black box test, a tester will interact with the system's user interface by providing inputs and examining outputs without knowing how and where the inputs are worked upon.

7.1 TEST REPORT

7.1.1 REGISTRATION :

1. Open Registration page.
2. Fill up the details.

TEST CASE ID	TEST ITEM	TEST PROCESS	INPUT	EXPECTED RESULT	ACTUAL RESULT	REMARK
TC1	Email ID	Enter your Email ID	Empty	Should display error	Display error	Pass
			Enter invalid Email ID	Should display	Display error “Please enter valid. Email ID”	Pass
TC2	Username	Enter Username	Enter valid. Email ID	Should accept it	Accepted	Pass
			Empty	Should display error	Display error	Pass
			Enter Username	Should accept it	Accepted	Pass

TC3	Password	Enter password	Empty	Should display error	Display error	Pass
			Enter Password	Should accept it	Accepted	Pass
TC4	Confirm Password	Re-enter your Password	Empty	Should display error	Display error	Pass
			Enter Confirm Password	Should accept it	Accepted	Pass
			Enter wrong Password which is not same	Should display error	Display error “Please enter same Password”	Pass
TC5	Register	Click on Register button	Clicked	Should display “You are successfully Registered”	Display Message	Pass

7.1.2 LOGIN :

1. Open Login page.
2. Fill up the details.

TESTCASE ID	TEST ITEM	TEST PROCESS	INPUT	EXPECTED RESULT	ACTUAL RESULT	REMARK
TC1	Username	Enter Username	Empty	Should display error	Error message “Please enter valid Username”	Pass
			Enter wrong Username	Should display error	Error message “Username is invalid”	Pass
			Enter correct Username	Should accept it	Accepted	Pass
TC2	Password	Enter Password	Empty	Should display	Error message “Please	Pass
				error	enter valid Password”	

			Enter wrong Password	Should display error	Error message “Password is invalid”	Pass
			Enter correct Password	Should accept it	Accepted	Pass
TC3	Login	Click on Login. Button	Clicked	Should Login	Logged in	Pass

8. LIMITATIONS OF PROJECT

8.1 Enjoyment of retail shopping lost

Many enjoy shopping with others and it is often a good way to make social connections. When shopping independently online, the enjoyment is lost.

8.2 Privacy and security issues

Privacy is the number one reason that non-online shoppers do not shop online. Almost 95% of Web users have declined to provide personal information to Web sites at one time or another when asked (Hoffman, Novak, & Peralta, 1999). Another recent study has found that privacy was the top concern of customers while security ranked bottom (Schaupp & Belanger, 2005). This proves that many do not trust the privacy of the Internet and are concerned with their credit card frauds, unwanted solicitation, and use of their information for other purposes. Security of Web sites is not the top concern because many shop on Web sites that they trust so that other factors appear to be more important than security.

8.3 Access to the Internet and computer necessary

Because one needs money to buy a computer and to have internet connection, online shopping seems to be limited to people of reasonable amount of income. Also, since it is harder to learn computer at an older age, the elderly people tend to shop at traditional retail stores.

8.4 Product category risk

Product category risk is related to functional products such as apparel, perfume, and electronics that have functions that cannot fully be experienced online. Online shoppers are worried that the products will not be what they have expected by viewing online. This is a clear disadvantage of online shopping because it shows that "[t]he likelihood of purchasing on the Internet decreases with increases in product risk" (Bhatnagar, Misra, & Rao, 2000, p. 100). Apparels in particular had negative rating in online shopping because of it is difficult to feel and see the texture of color online that is incomparable to going to a retail store, even with

magnifying tools online. Also, one cannot try on a clothing before buying it online, so it would be very inconvenient if the size did not fit the person and he/she had to return it.

Too many choices although having access to a very large number of products is highly desirable, consumers have limited cognitive resources and may simply be unable to process the potentially vast amounts of information about these alternatives (Haubl & Trifts, 2000). Online stores need to provide the variety in an organized way that will facilitate shopping online

9. FUTURE EXPANSION

1. Adequate searching mechanisms for easy and quick access to particular products and services.
2. Regular updates to registered users of the website about new arrivals.
3. Secured mechanism for checking out from the Shop (Credit card verification mechanism)
4. Updates to customers about the recently added items in the shop through various mechanisms.
5. Strategic data and graphs for Administrators and Shop owners about the items that are popular in each category.
6. Give special discounts to Premier customers
7. Shop employees are responsible for internal affairs like processing orders, assure home delivery, getting customer's delivery-time feedback, updating order's status and answering client's queries online.
8. Feedback mechanism, so that customers can give feedback for the product or service which they have purchased. Also facility rating of individual products by relevant customers. Also feedback can be given on the performance of particular vendors and the entire mall as well.
9. Adequate payment mechanism and gateway for all popular credit cards, cheques and other relevant payment options, as available from time to time.
10. Order tracking system for buyers.

Initial nonfunctional requirements will be: -

1. Secure access of confidential data (user's details). SSL can be used.
2. 24 X 7 availability
3. Better component design to get better performance at peak time
4. Flexible service based architecture will be highly desirable for future extension
5. Advertisement space where it will effectively catch the customer's attention and as a source of revenue.

10. BIBLIOGRAPHY

Books:

- 1) The main books , which were consulted for the project development, are :
- 2) Guide to Microsoft Visual Studio– Peter Norton
- 3) Introduction of Microsoft SQL Server : Aptech
- 4) MSDN Library
- 5) Software Engineering – Roger S. Pressman, K. K. Aggarwal

Websites:

- 1) <http://getbootstrap.com/css/>
- 2) <http://stackoverflow.com/questions/tagged/asp.net>
- 3) <http://asp.net-tutorials.com/>
- 4) <http://www.w3schools.com/css/>